

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094827.D
 Acq On : 3 May 2017 10:28
 Operator : SJ/MA
 Sample : I2921-01 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-X9-BASE

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:45:21 PM

Quant Time: May 03 11:59:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	62575	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	257056	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	111845	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	178079	20.00	ng	0.00
75) Chrysene-d12	18.64	240	148406	20.00	ng	-0.01
86) Perylene-d12	20.31	264	111911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	124203	33.09	ng	0.00
7) Phenol-d6	7.27	99	154969	34.41	ng	-0.01
23) Nitrobenzene-d5	8.62	82	85260	20.92	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	23354	25.50	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	174869	22.50	ng	-0.01
78) Terphenyl-d14	17.30	244	103647	15.38	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.09	88	356	0.193	ng	# 13
6) Aniline	7.38	93	116	0.020	ng	# 1
10) Phenol	7.31	94	1404	0.296	ng	# 6
11) bis(2-Chloroethyl)ether	7.38	93	116	0.030	ng	# 1
15) Benzyl Alcohol	7.96	79	1711	0.591	ng	# 55
25) Isophorone	8.85	82	242	0.033	ng	# 67
31) Naphthalene	9.78	128	4867	0.377	ng	# 99
33) 4-Chloroaniline	9.78	127	738	0.153	ng	# 34
37) 2-Methylnaphthalene	11.07	142	1645	0.194	ng	# 83
45) 1,1'-Biphenyl	11.68	154	767	0.081	ng	# 42
48) Acenaphthylene	12.36	152	1050	0.088	ng	# 60
49) Dimethylphthalate	12.22	163	15502	1.688	ng	# 96
51) Acenaphthene	11.68	154	767	0.081	ng	# 4
54) Dibenzofuran	12.93	168	7336	0.745	ng	# 93
57) Fluorene	13.48	166	7349	0.859	ng	# 91
59) Diethylphthalate	13.37	149	474	0.054	ng	# 60
65) n-Nitrosodiphenylamine	13.87	169	687	0.106	ng	# 24
70) Phenanthrene	15.01	178	86614	8.465	ng	# 96
71) Anthracene	15.10	178	21398m	2.047	ng	# 96
72) Carbazole	15.39	167	6432	0.676	ng	# 96
73) Di-n-butylphthalate	15.95	149	536	0.045	ng	# 78
74) Fluoranthene	16.75	202	75976	7.239	ng	# 97
77) Pyrene	17.06	202	69594	6.270	ng	# 97
80) Benzo(a)anthracene	18.63	228	26622	3.082	ng	# 95
82) Chrysene	18.67	228	26200	3.137	ng	# 94
83) Bis(2-ethylhexyl)phthalate	18.71	149	2003	0.272	ng	# 96
84) Di-n-octyl phthalate	19.46	149	112	0.009	ng	# 75
85) Indeno(1,2,3-cd)pyrene	21.61	276	8736	1.288	ng	# 97
87) Benzo(b)fluoranthene	19.91	252	26636m	3.852	ng	# 96
88) Benzo(k)fluoranthene	19.91	252	35074	5.258	ng	# 96
89) Benzo(a)pyrene	20.25	252	18995	2.977	ng	# 96
90) Dibenzo(a,h)anthracene	21.61	278	2697	0.512	ng	# 35
91) Benzo(g,h,i)perylene	21.98	276	8748	1.692	ng	# 90

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

Manual Integrations
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Quant Time: May 03 11:59:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

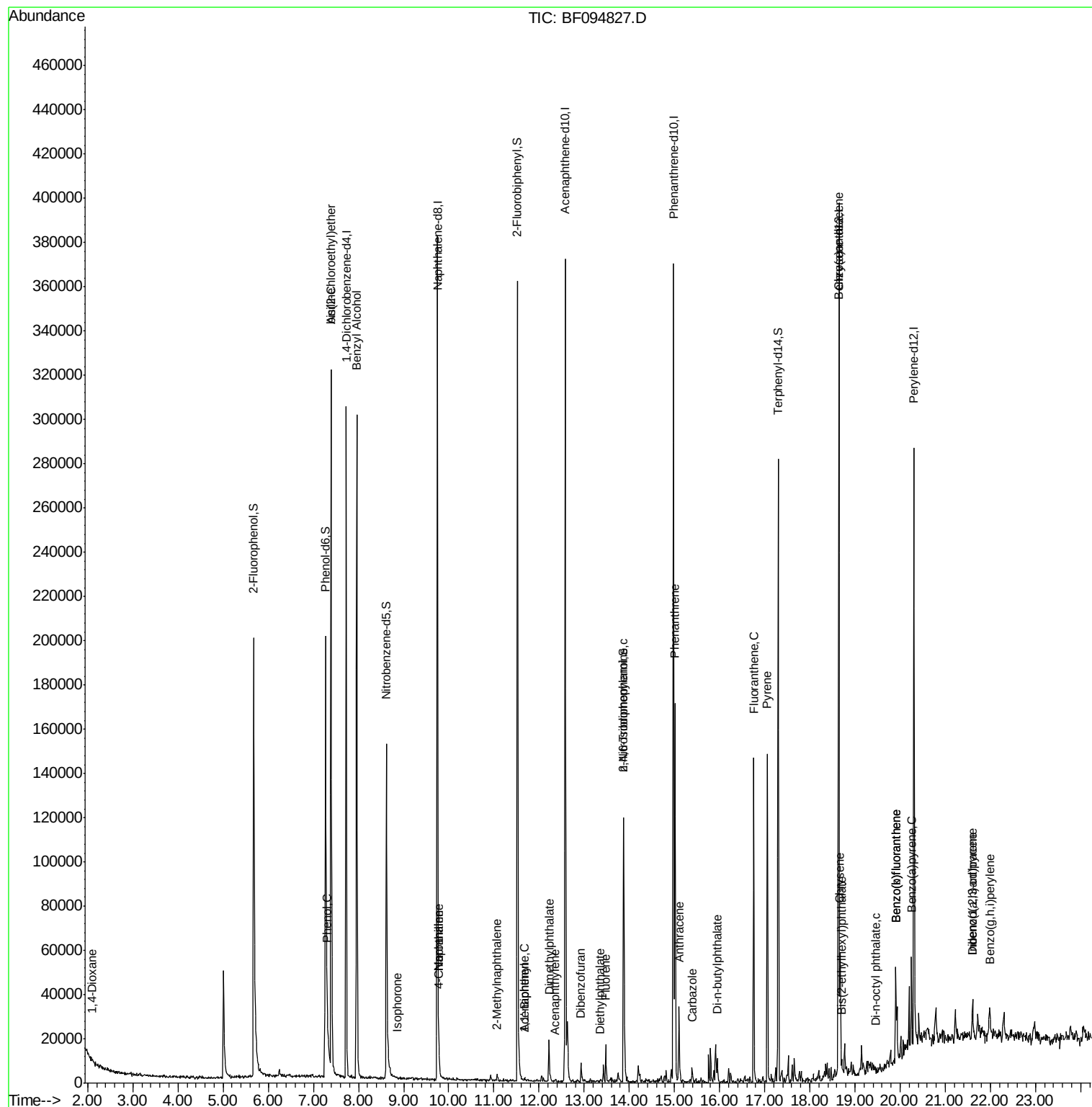
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094827.D
Acq On : 3 May 2017 10:28
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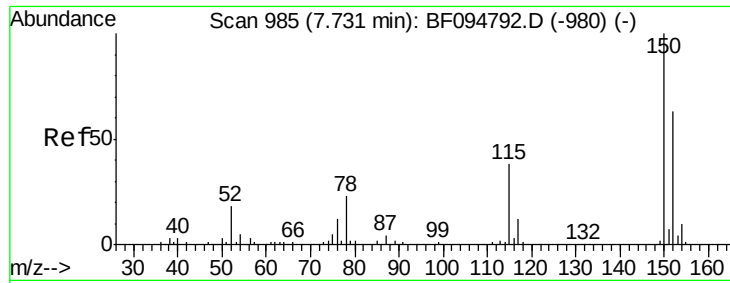
Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

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#1

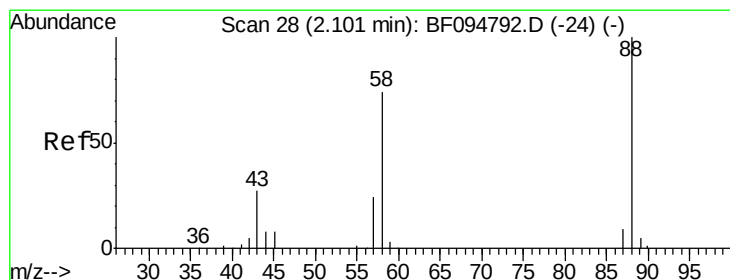
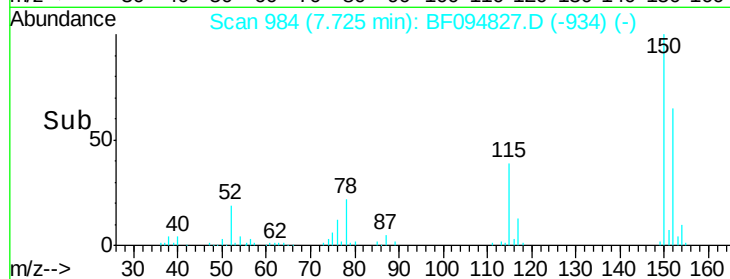
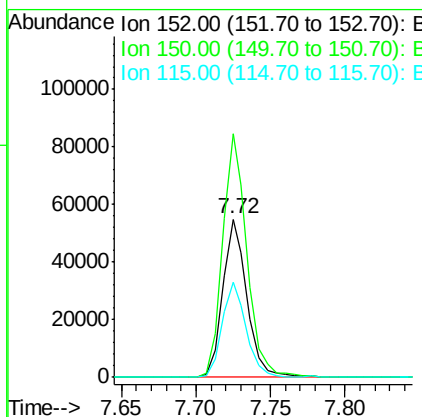
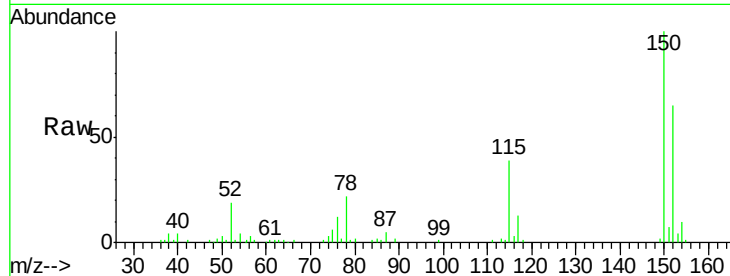
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	59.9	52.2	78.2

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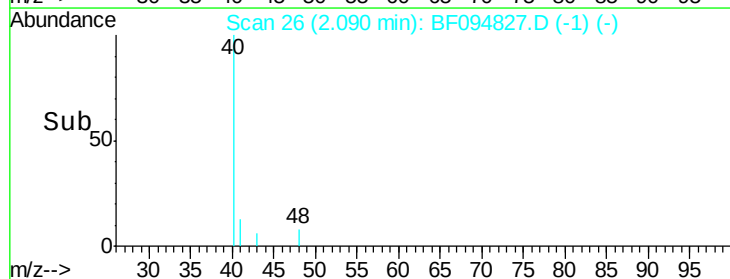
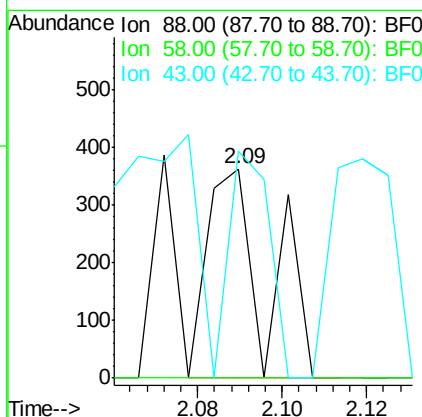
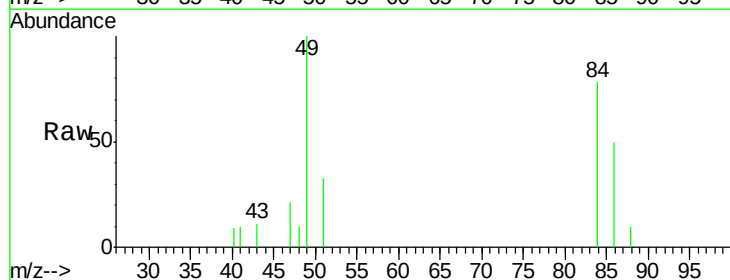
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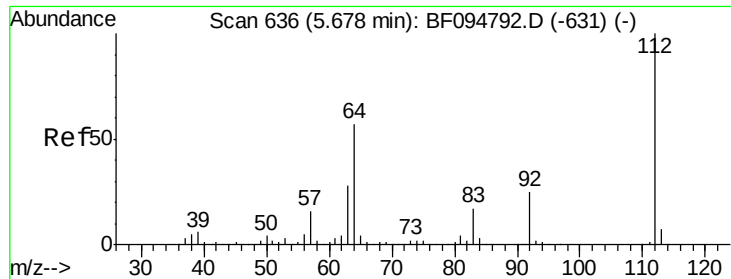


#2

1,4-Dioxane
Concen: 0.193 ng
RT: 2.09 min Scan# 26
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	73.0	23.4	35.0#





#5

2-Fluorophenol

Concen: 33.092 ng

RT: 5.68 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF094827.D

Acq: 3 May 2017 10:28

Instrument :

BNA_F

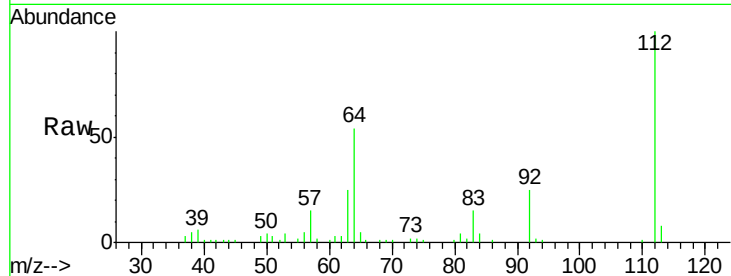
ClientSampleId :

E2-X9-BASE

Tgt Ion:	112	Resp:	124203
Ion Ratio	Lower	Upper	
112	100		
64	54.3	46.0	69.0
63	25.4	23.4	35.0

Manual Integrations
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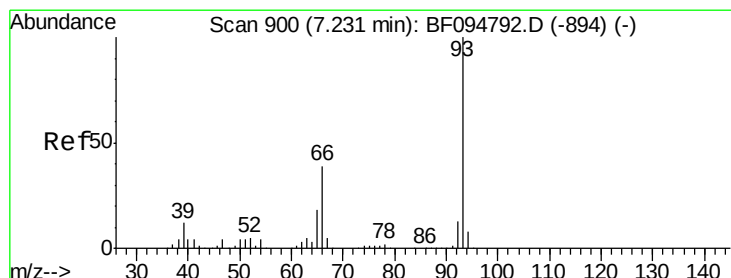
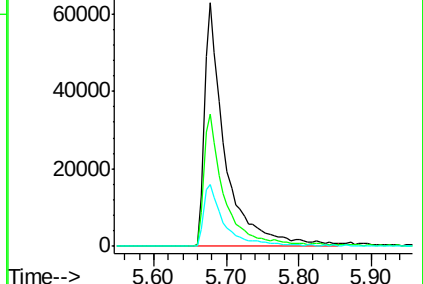
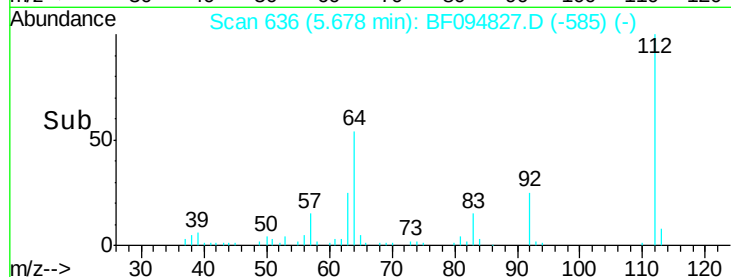
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.020 ng

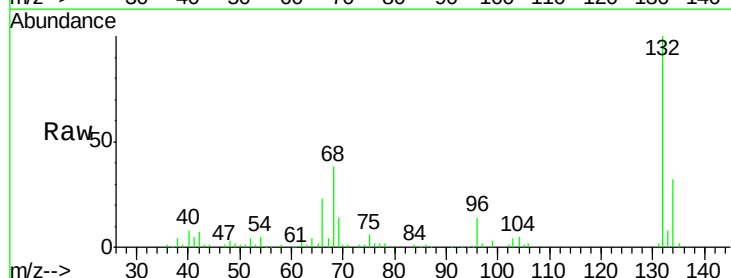
RT: 7.38 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF094827.D

Acq: 3 May 2017 10:28

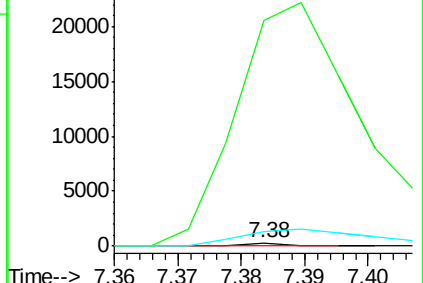
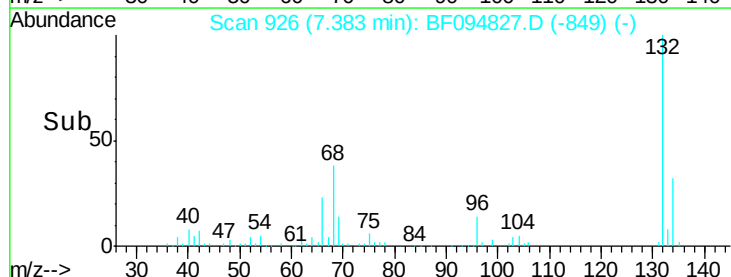
Tgt Ion:	93	Resp:	116
Ion Ratio	Lower	Upper	
93	100		
66	6258.5	32.9	49.3#
65	403.7	16.0	24.0#

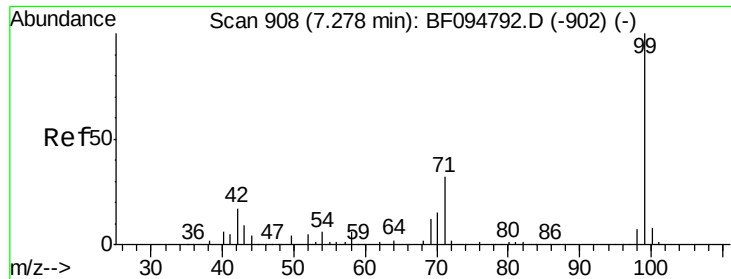


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 34.412 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094827.D

Acq: 3 May 2017 10:28

Instrument :

BNA_F

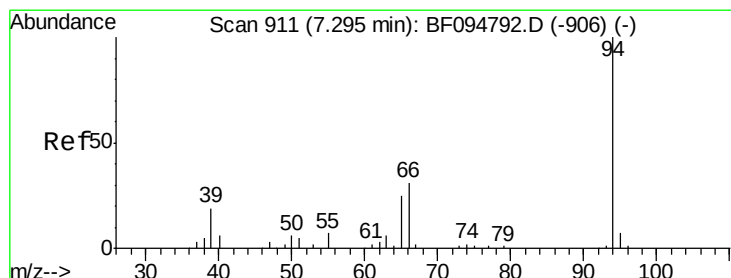
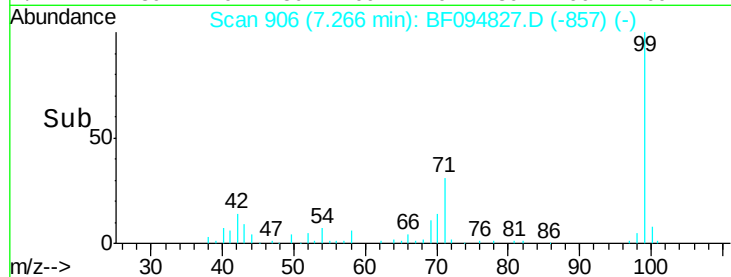
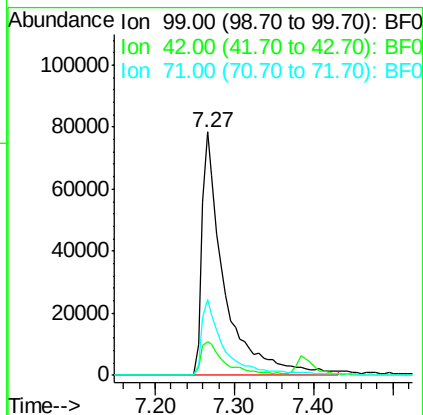
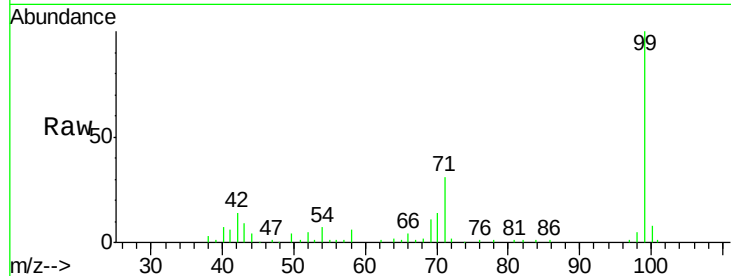
ClientSampled :

E2-X9-BASE

Tgt Ion:	99	Resp:	154969
Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.5	20.3
71	31.2	24.5	36.7

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#10

Phenol

Concen: 0.296 ng

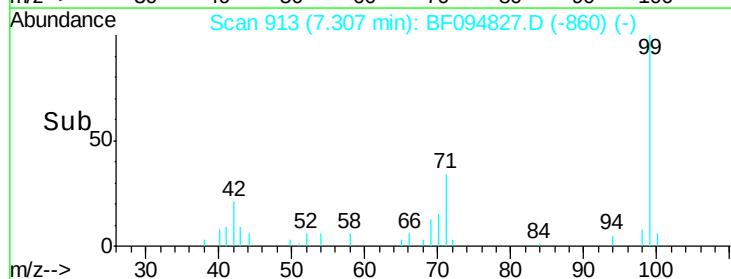
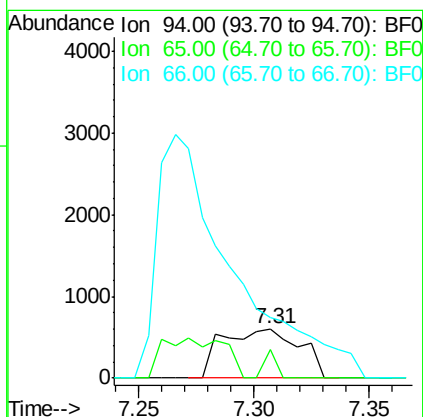
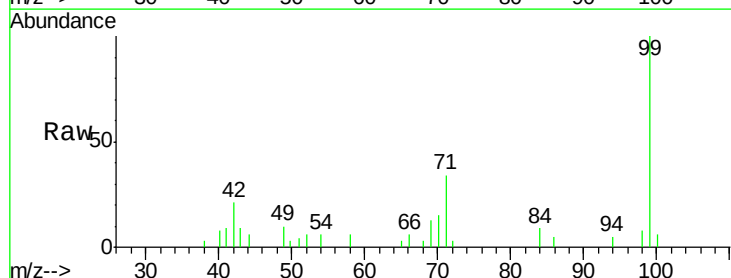
RT: 7.31 min Scan# 913

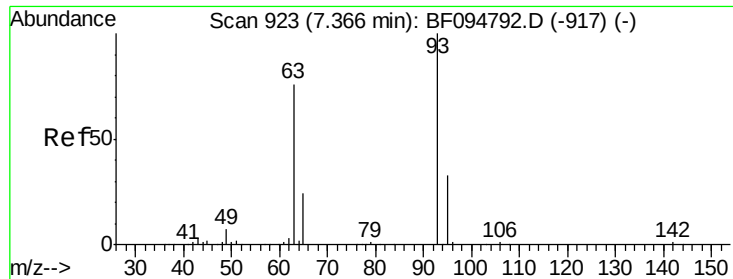
Delta R.T. 0.01 min

Lab File: BF094827.D

Acq: 3 May 2017 10:28

Tgt Ion:	94	Resp:	1404
Ion	Ratio	Lower	Upper
94	100		
65	58.1	9.9	49.9#
66	122.4	23.1	63.1#





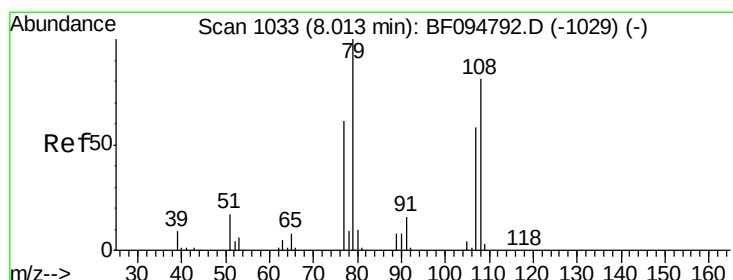
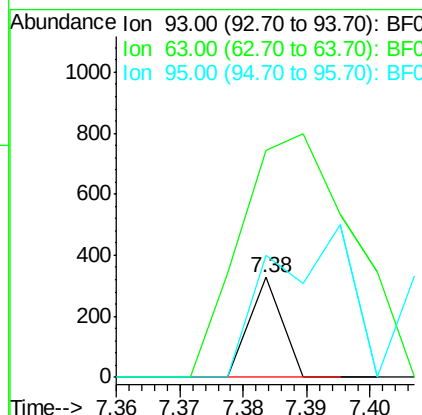
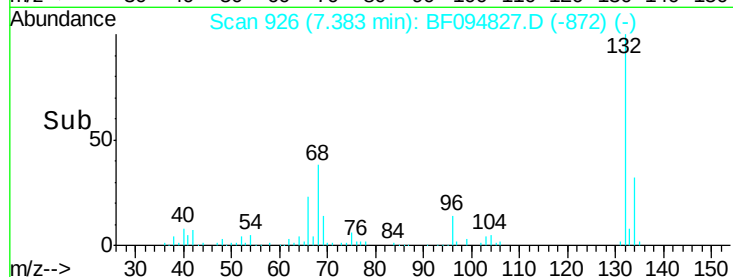
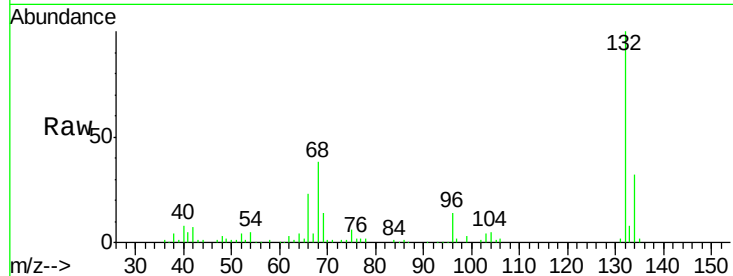
#11
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.38 min Scan# 926
Delta R.T. 0.02 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampled :
E2-X9-BASE

Tgt Ion	Ratio	Lower	Upper
93	100		
63	226.8	59.2	99.2#
95	121.3	12.8	52.8#

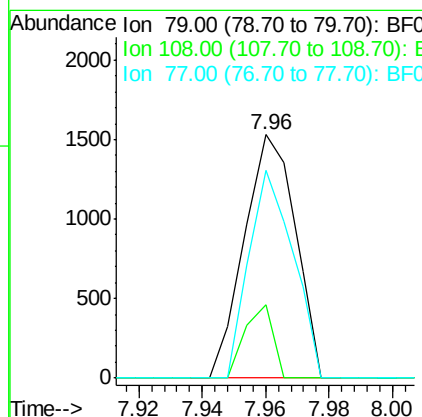
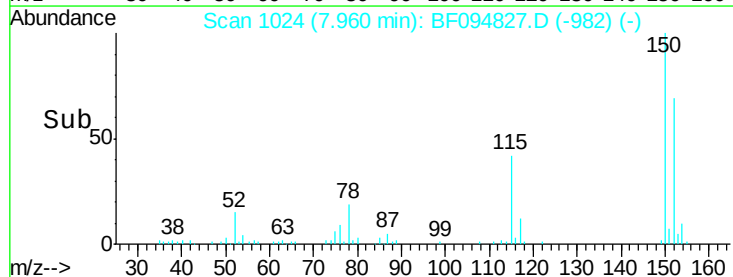
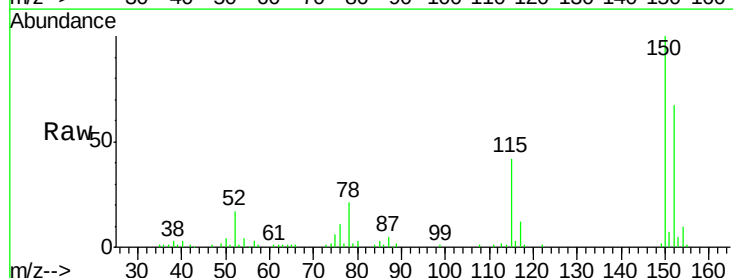
Manual Integrations
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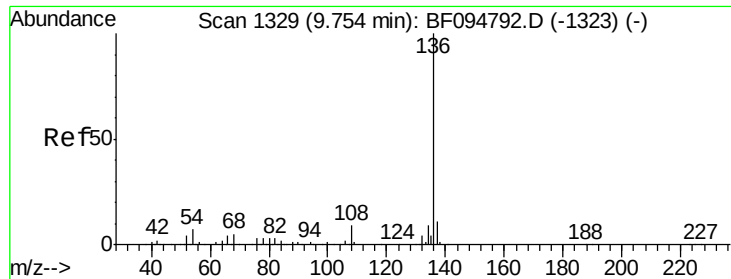
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#15
Benzyl Alcohol
Concen: 0.591 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Lower	Upper
79	100		
108	30.4	63.4	95.0#
77	85.5	49.2	73.8#





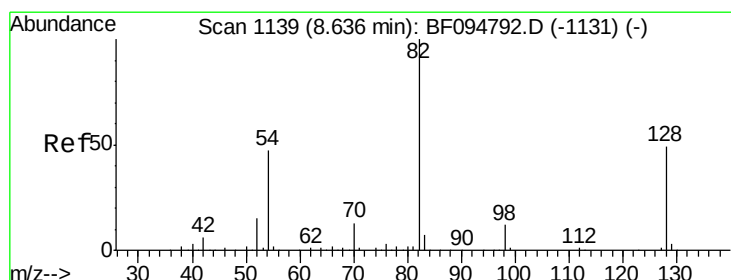
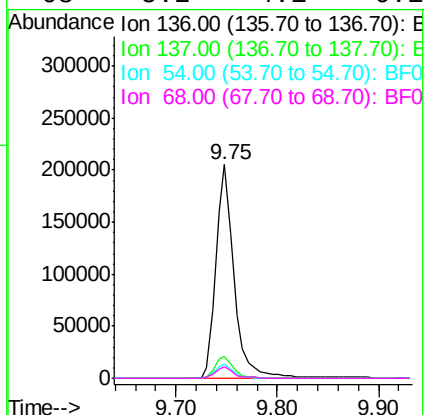
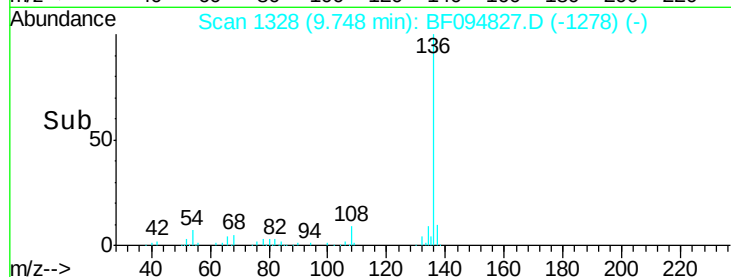
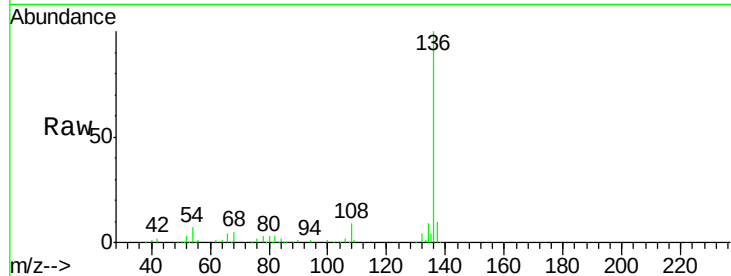
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	257056		
137	10.3		8.5	12.7
54	6.5		4.9	7.3
68	5.2		4.1	6.1

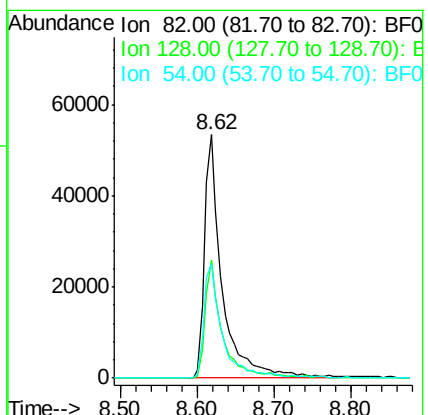
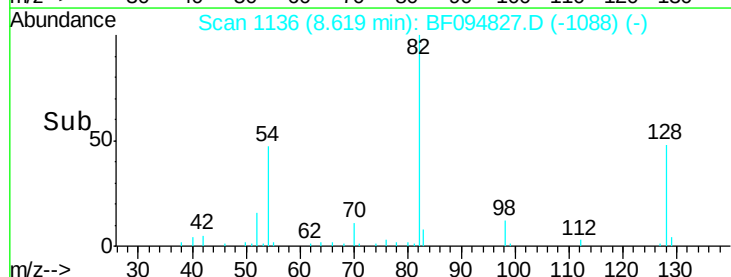
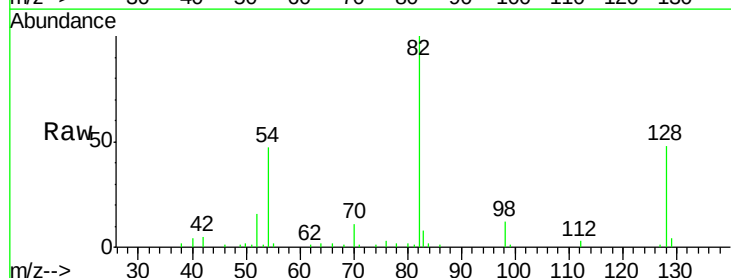
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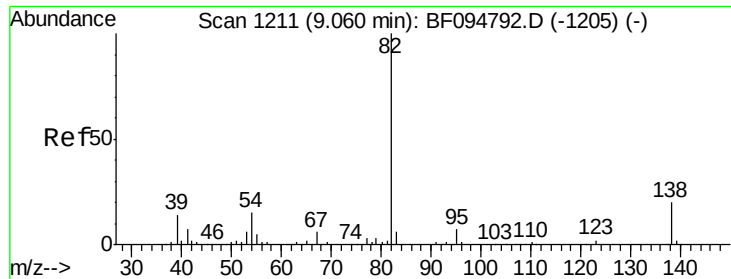
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#23
Nitrobenzene-d5
Concen: 20.915 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	85260		
128	48.3		34.0	51.0
54	47.1		42.2	63.2





#25

Isophorone

Concen: 0.033 ng

RT: 8.85 min Scan# 1176

Delta R.T. -0.21 min

Lab File: BF094827.D

Acq: 3 May 2017 10:28

Instrument :

BNA_F

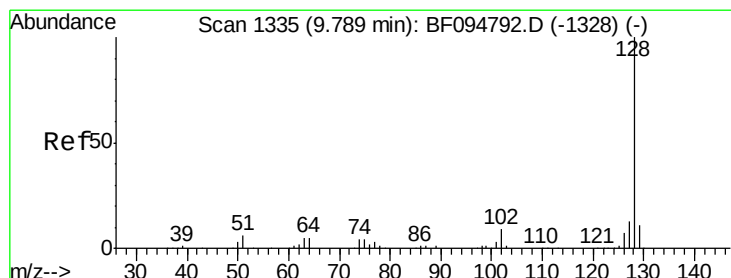
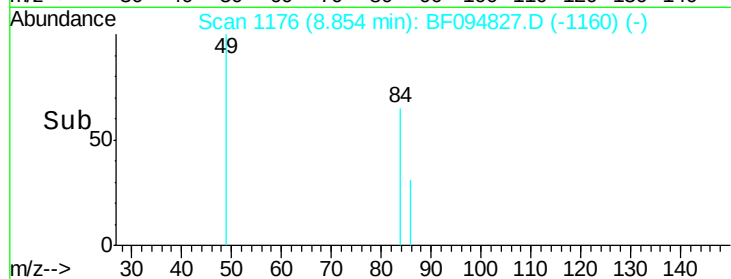
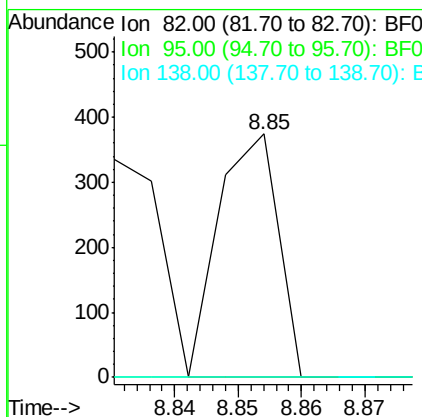
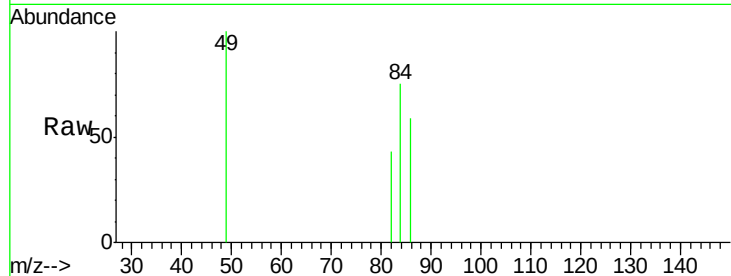
ClientSampleId :

E2-X9-BASE

Tgt Ion:	82	Resp:	242
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

Manual Integrations
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#31

Naphthalene

Concen: 0.377 ng

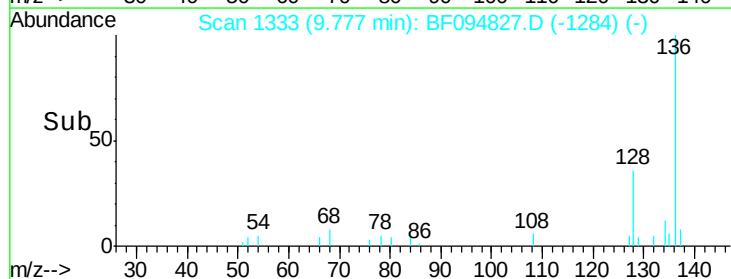
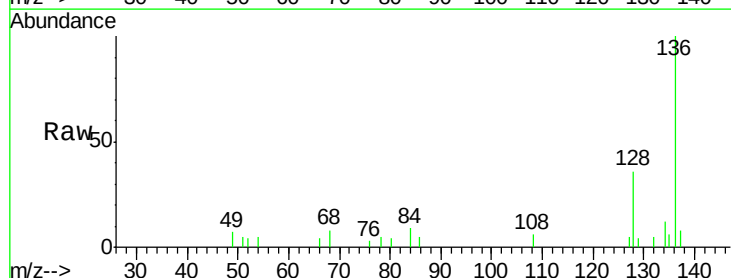
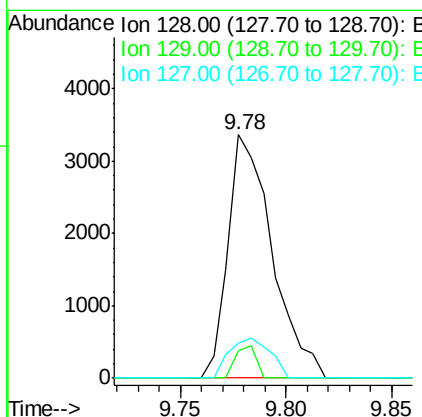
RT: 9.78 min Scan# 1333

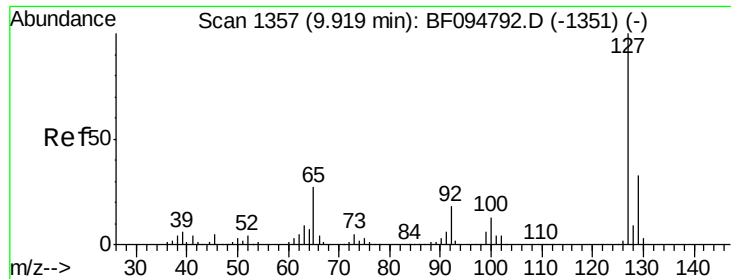
Delta R.T. -0.01 min

Lab File: BF094827.D

Acq: 3 May 2017 10:28

Tgt Ion:	128	Resp:	4867
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.6
127	14.3	10.8	16.2





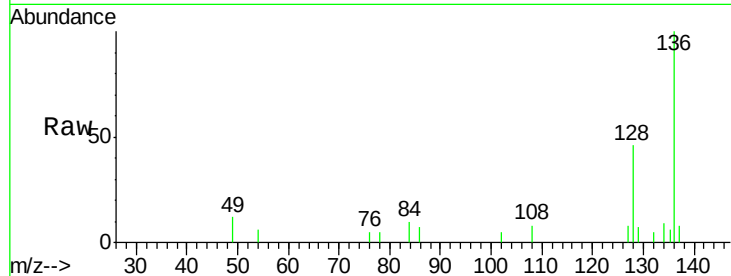
#33
4-Chloroaniline
Concen: 0.153 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.14 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

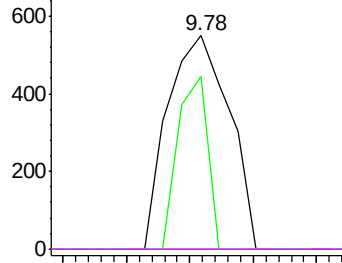
Tgt Ion	Ratio	Lower	Upper
127	100		
129	80.9	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

Manual Integrations
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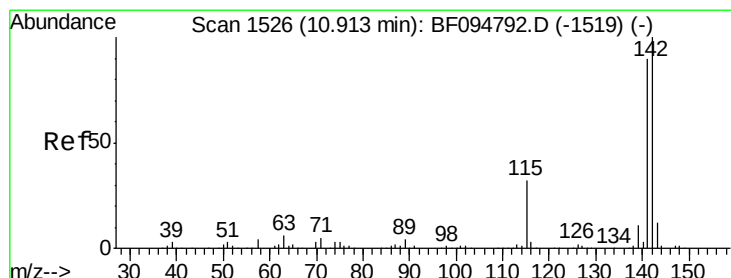
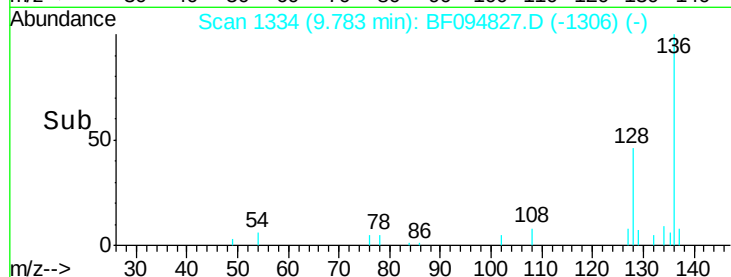
mohammad
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Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



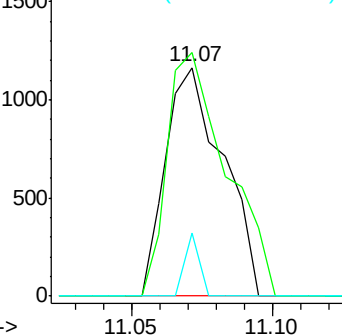
Time-->



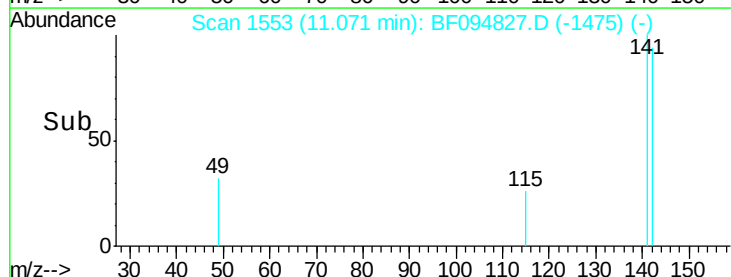
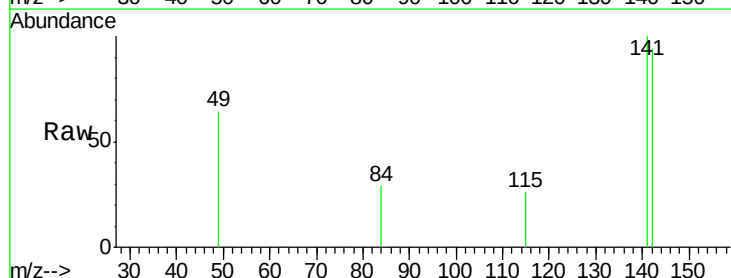
#37
2-Methylnaphthalene
Concen: 0.194 ng
RT: 11.07 min Scan# 1553
Delta R.T. 0.16 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

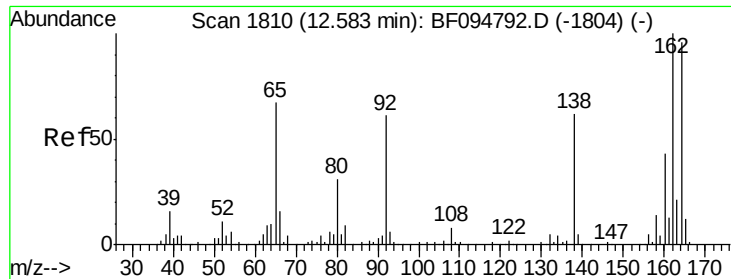
Tgt Ion	Ratio	Lower	Upper
142	100		
141	106.6	71.3	106.9
115	27.7	27.1	40.7

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.58 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF094827.D

Acq: 3 May 2017 10:28

Instrument :

BNA_F

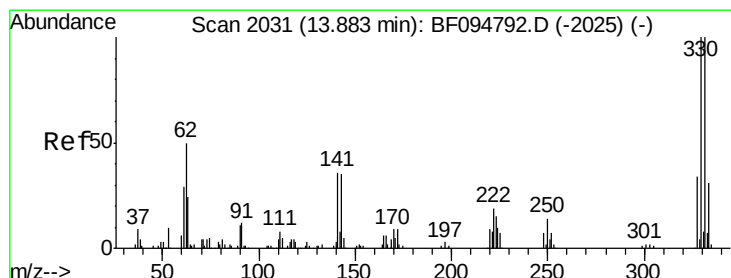
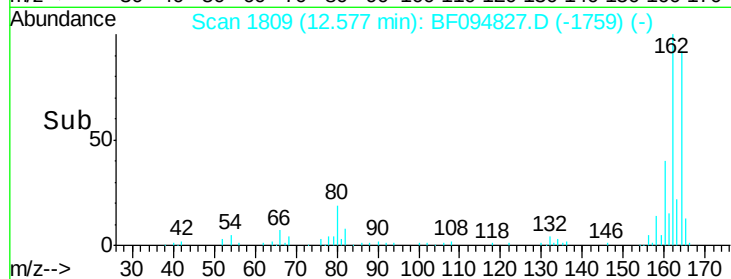
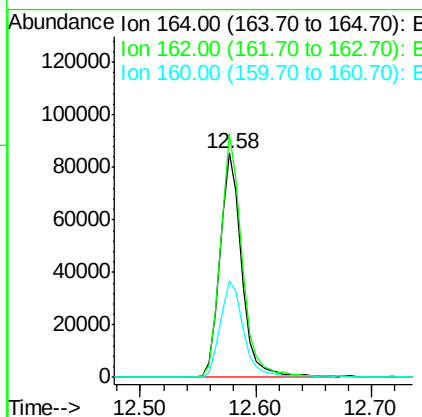
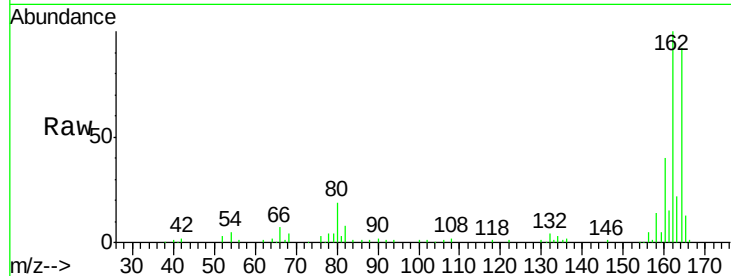
ClientSampleId :

E2-X9-BASE

Tgt Ion:	164	Resp:	111845
Ion Ratio	Lower	Upper	
164	100		
162	108.6	82.6	123.8
160	43.0	36.2	54.2

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 25.496 ng

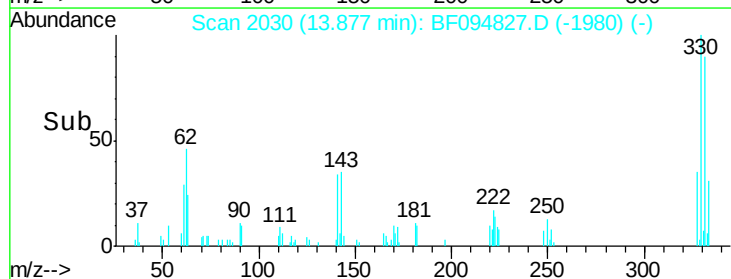
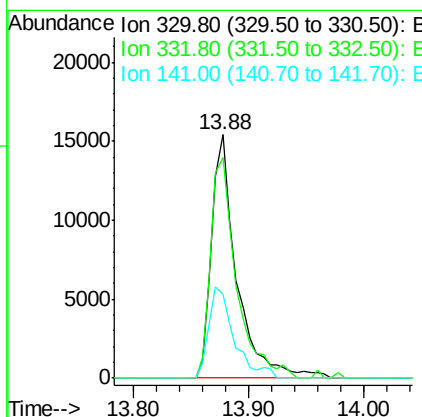
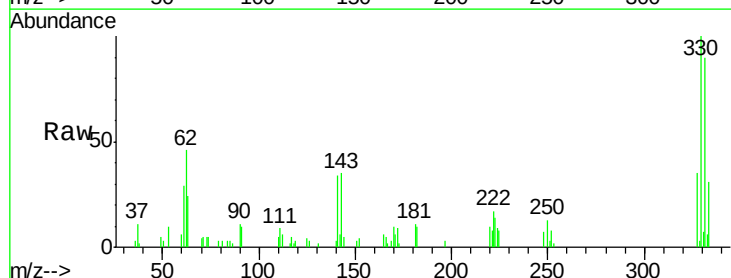
RT: 13.88 min Scan# 2030

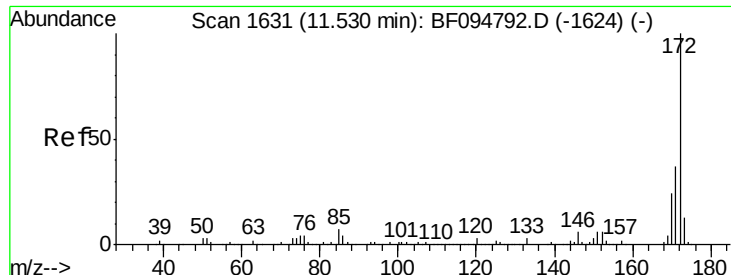
Delta R.T. -0.01 min

Lab File: BF094827.D

Acq: 3 May 2017 10:28

Tgt Ion:	330	Resp:	23354
Ion Ratio	Lower	Upper	
330	100		
332	93.3	76.6	115.0
141	37.9	31.4	47.2





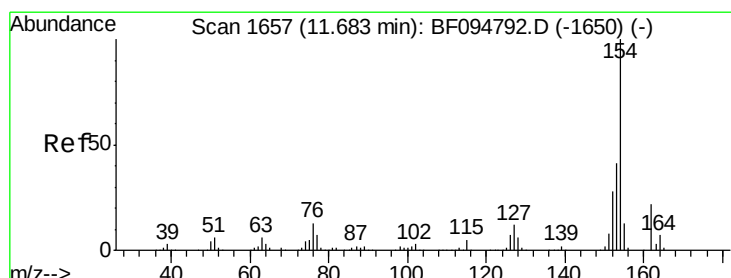
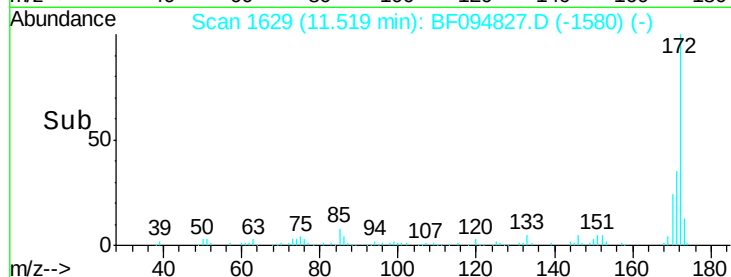
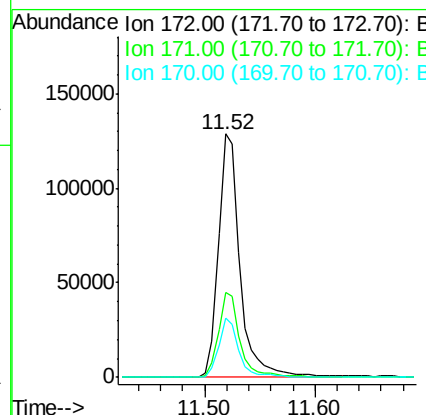
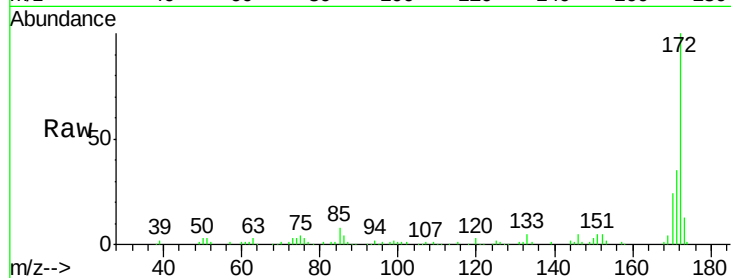
#44
2-Fluorobiphenyl
Concen: 22.504 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	174869		
171	35.1		29.6	44.4
170	24.3		19.8	29.8

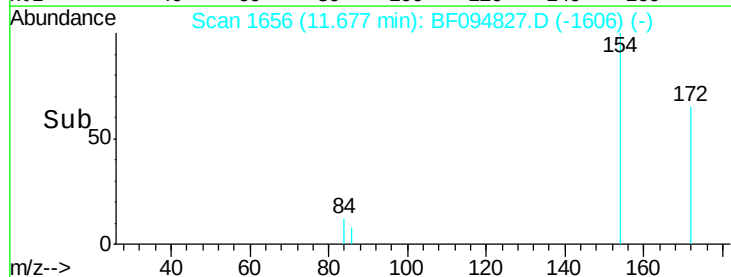
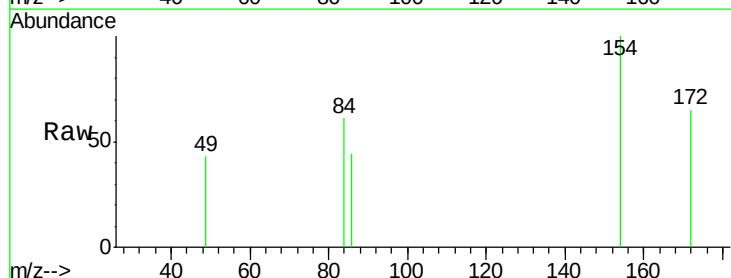
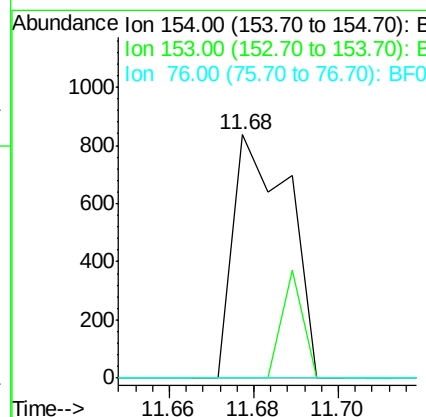
Manual Integrations
APPROVED

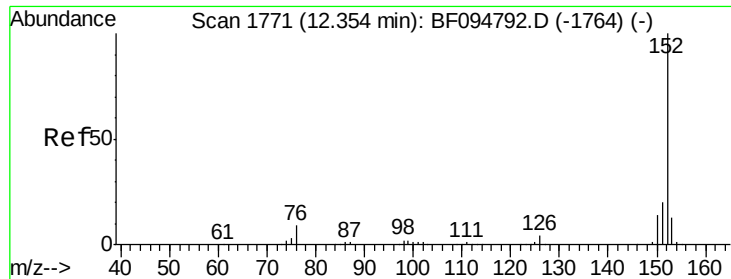
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#45
1,1'-Biphenyl
Concen: 0.081 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	767		
153	0.0		21.2	61.2#
76	0.0		0.0	29.9





#48

Acenaphthylene

Concen: 0.088 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.01 min

Lab File: BF094827.D

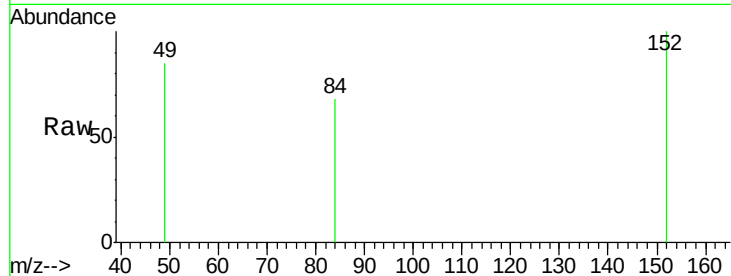
Acq: 3 May 2017 10:28

Instrument :

BNA_F

ClientSampleId :

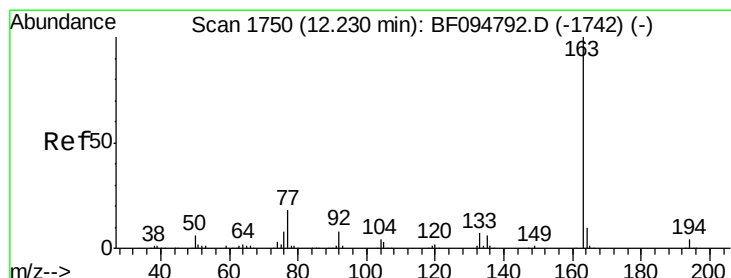
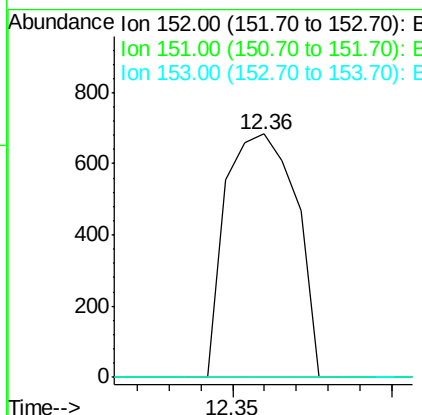
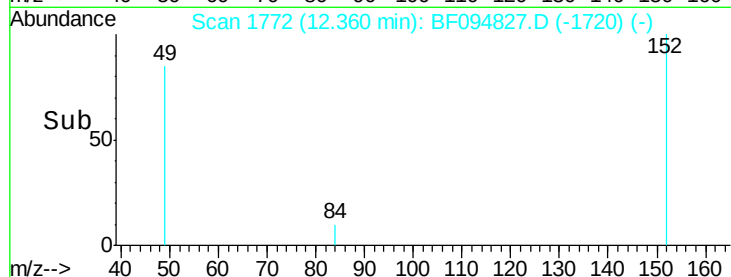
E2-X9-BASE



Tgt Ion:	152	Resp:	1050
Ion Ratio	Lower	Upper	
152	100		
151	0.0	16.8	25.2#
153	0.0	10.8	16.2#

Manual Integrations
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#49

Dimethylphthalate

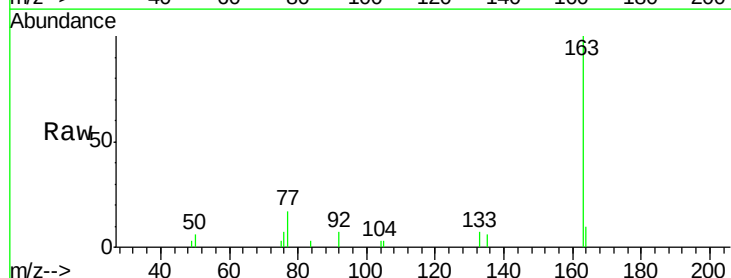
Concen: 1.688 ng

RT: 12.22 min Scan# 1748

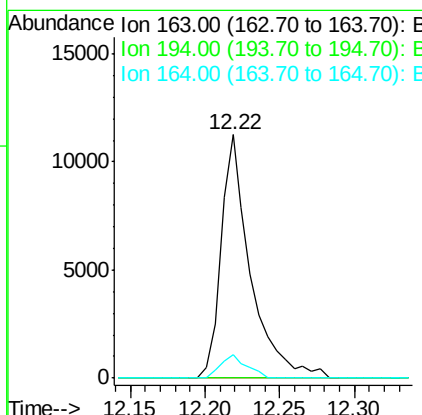
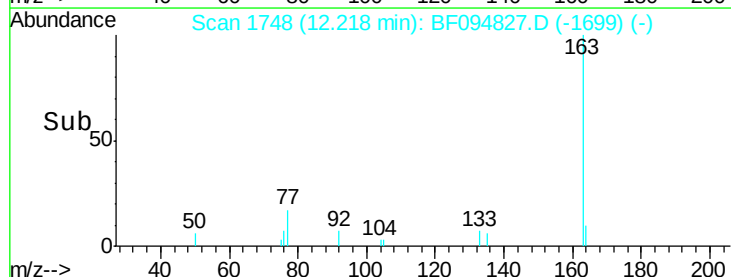
Delta R.T. -0.01 min

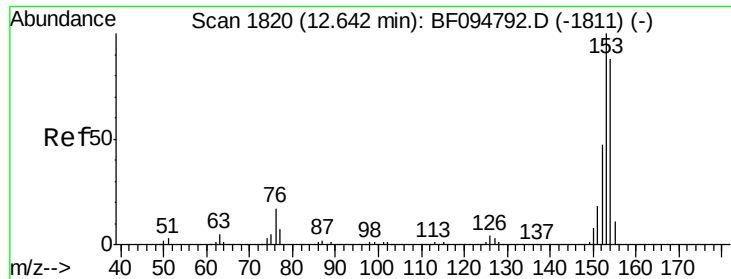
Lab File: BF094827.D

Acq: 3 May 2017 10:28



Tgt Ion:	163	Resp:	15502
Ion Ratio	Lower	Upper	
163	100		
194	0.0	2.6	4.0#
164	9.5	8.4	12.6





#51

Acenaphthene

Concen: 0.081 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF094827.D

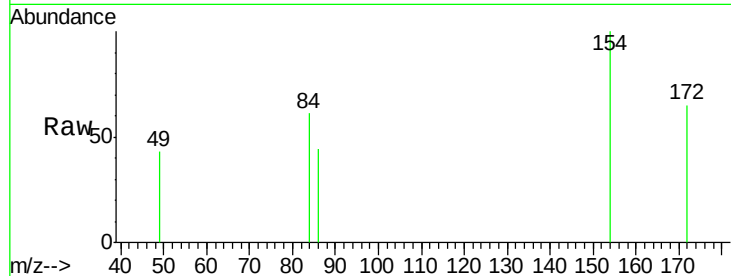
Acq: 3 May 2017 10:28

Instrument :

BNA_F

ClientSampled :

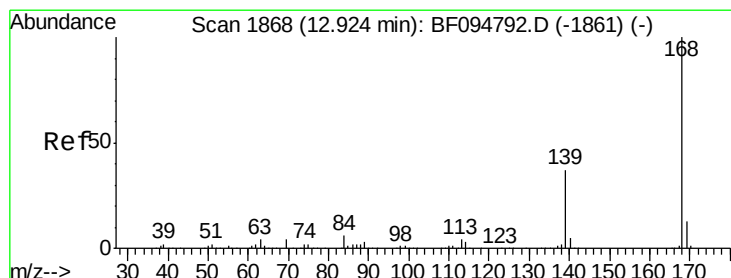
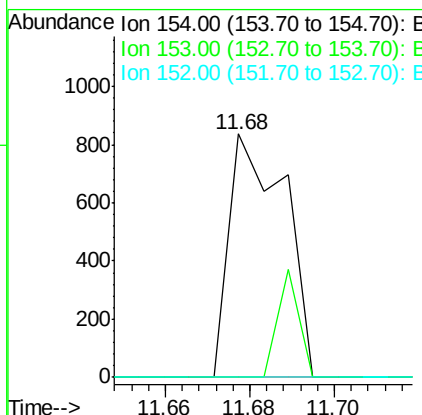
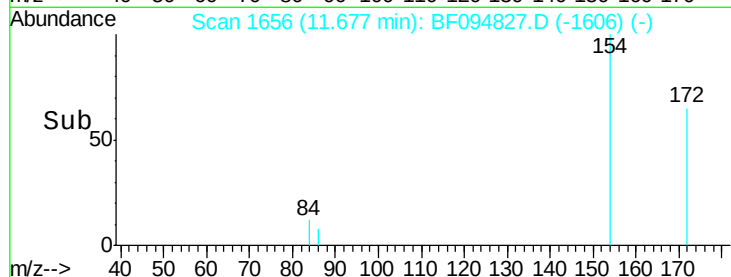
E2-X9-BASE



Tgt Ion:	154	Resp:	767
Ion Ratio	Lower	Upper	
154	100		
153	0.0	90.5	135.7#
152	0.0	43.6	65.4#

Manual Integrations
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#54

Dibenzofuran

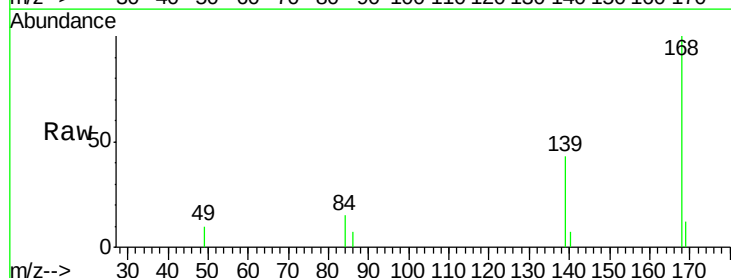
Concen: 0.745 ng

RT: 12.93 min Scan# 1869

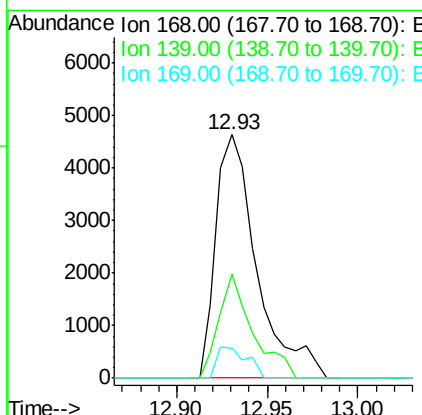
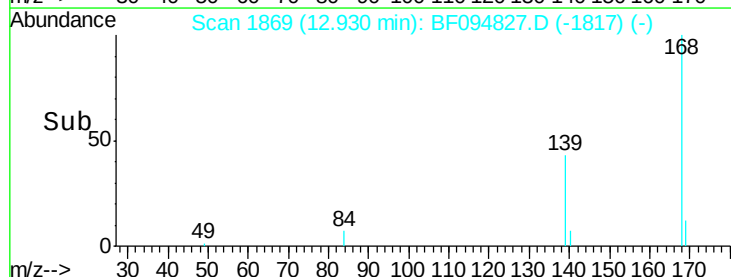
Delta R.T. 0.01 min

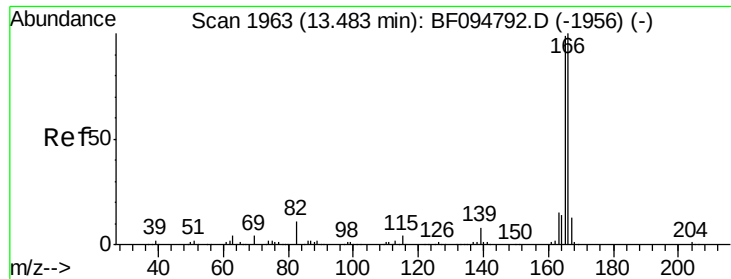
Lab File: BF094827.D

Acq: 3 May 2017 10:28



Tgt Ion:	168	Resp:	7336
Ion Ratio	Lower	Upper	
168	100		
139	43.0	30.6	45.8
169	12.4	10.8	16.2





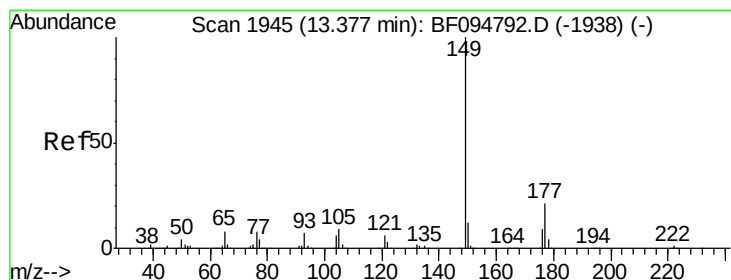
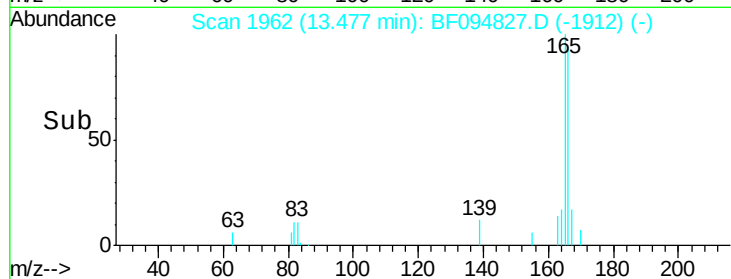
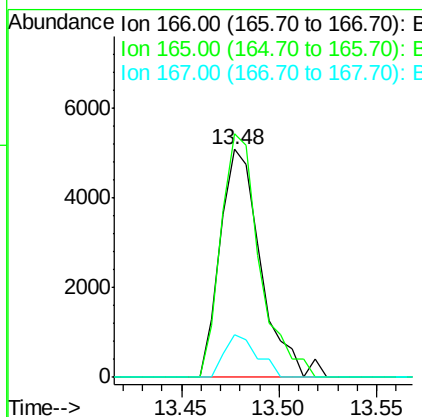
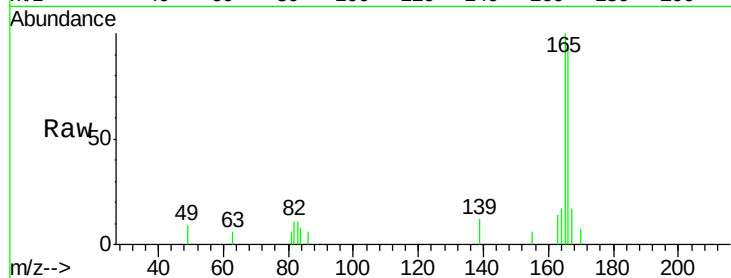
#57
Fluorene
Concen: 0.859 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.8	78.8	118.2
167	18.5	10.6	16.0

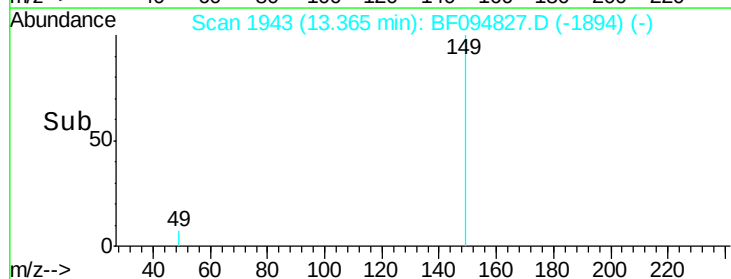
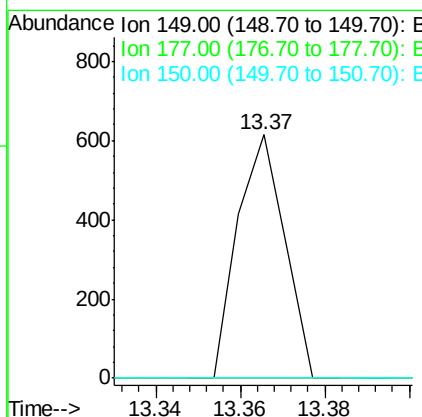
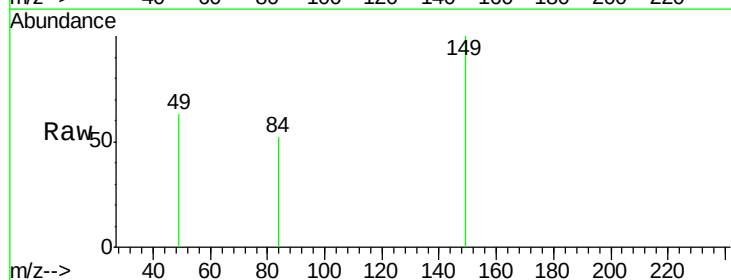
Manual Integrations
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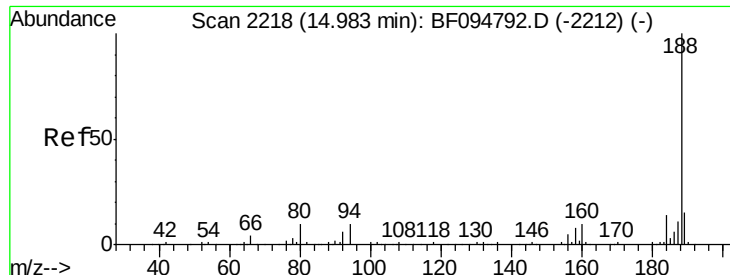
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#59
Diethylphthalate
Concen: 0.054 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1
150	0.0	10.2	15.2





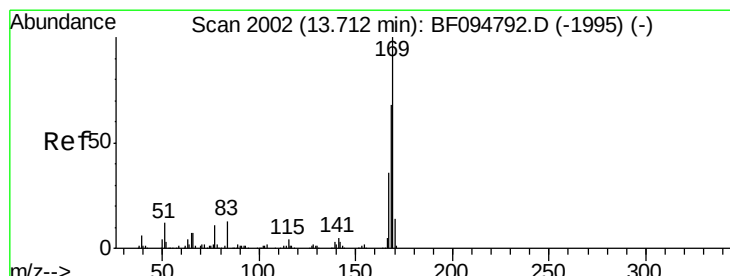
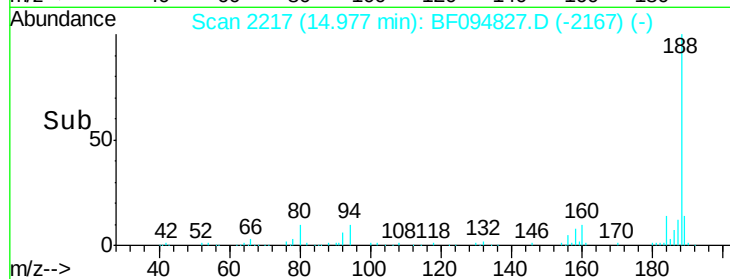
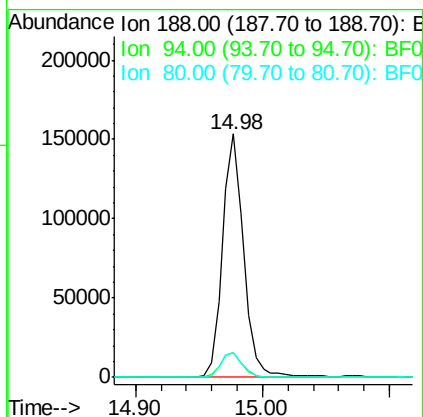
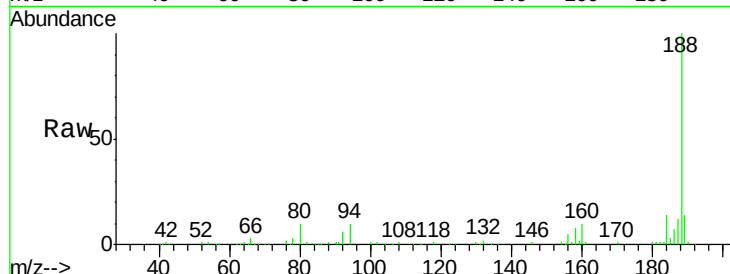
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	178079		
94	10.0		9.4	14.2
80	10.3		10.2	15.2

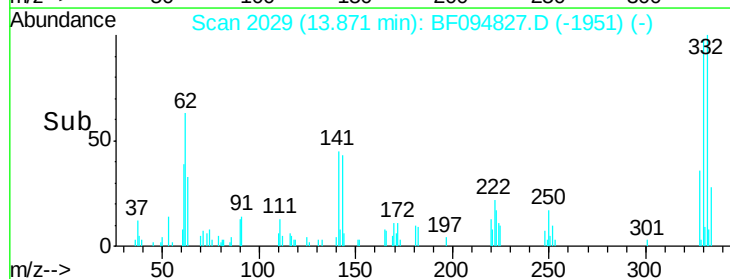
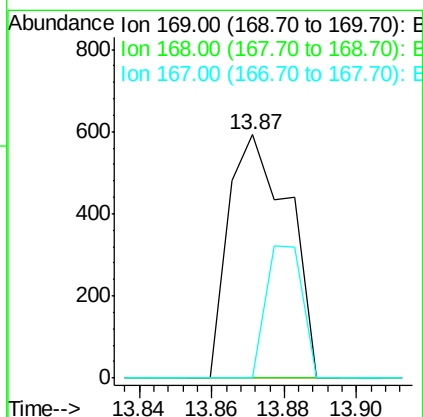
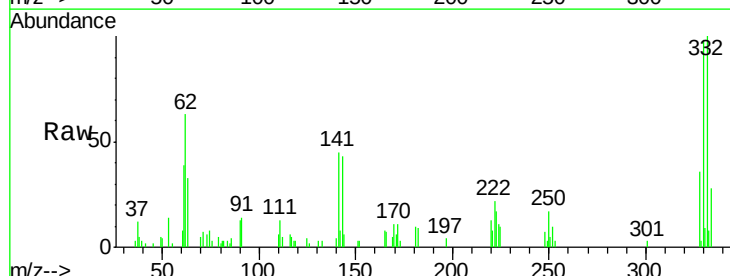
Manual Integrations
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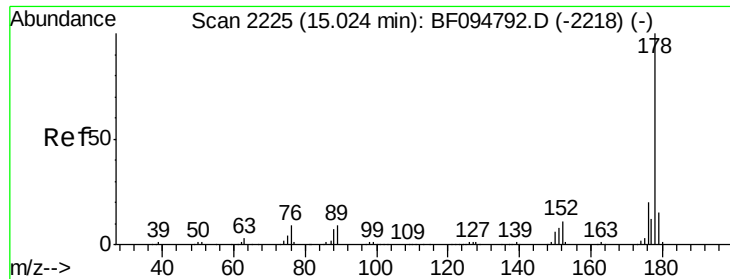
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#65
n-Nitrosodiphenylamine
Concen: 0.106 ng
RT: 13.87 min Scan# 2029
Delta R.T. 0.16 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	687		
168	0.0		53.2	79.8#
167	0.0		29.5	44.3#





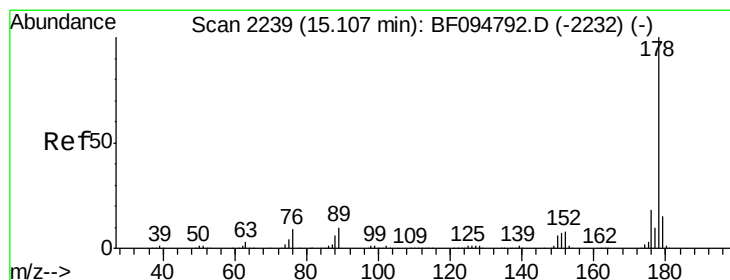
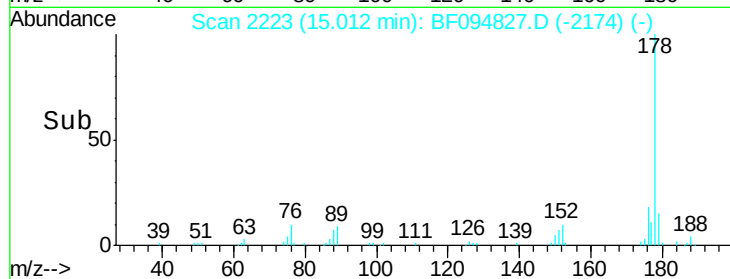
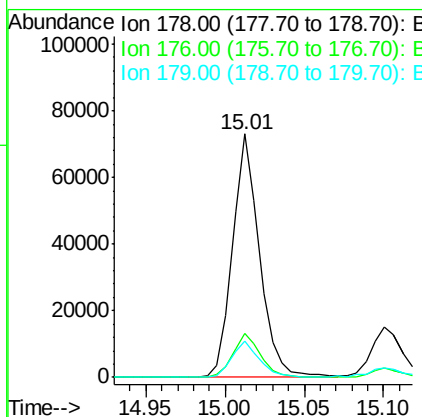
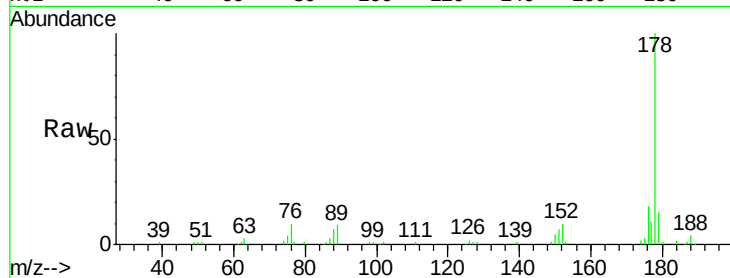
#70
Phenanthrene
Concen: 8.465 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	15.1	12.6	19.0

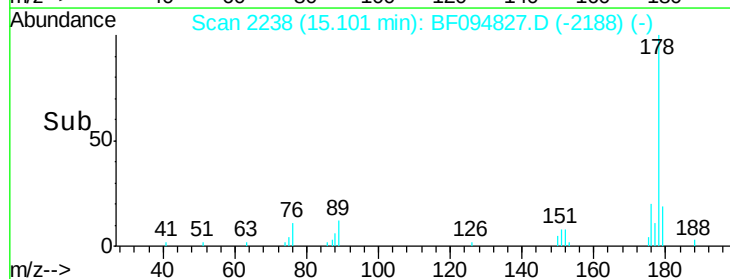
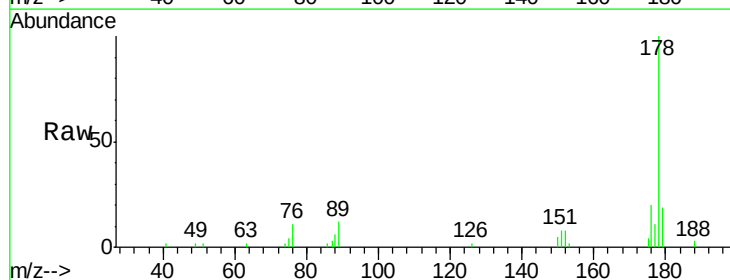
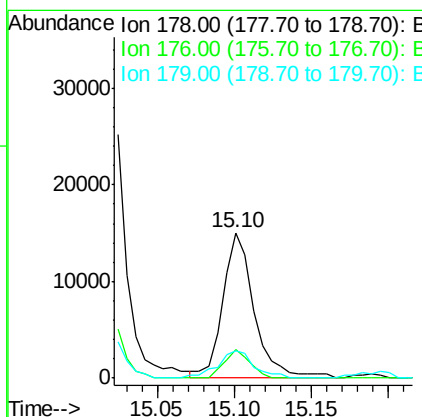
Manual Integrations
APPROVED

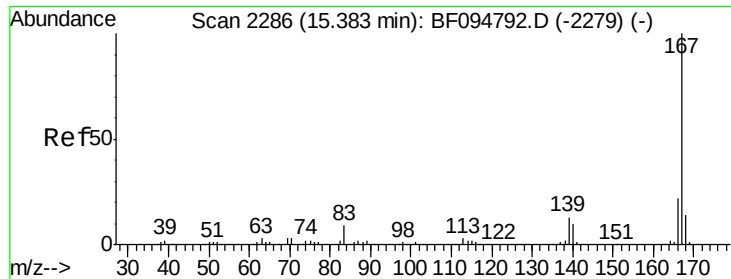
mohammad
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#71
Anthracene
Concen: 2.047 ng m
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

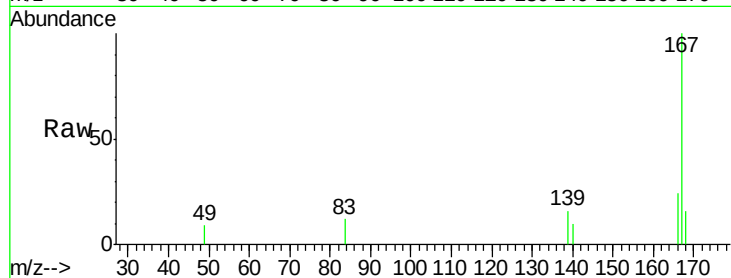
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	19.1	12.7	19.1





#72
 Carbazole
 Concen: 0.676 ng
 RT: 15.39 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF094827.D
 Acq: 3 May 2017 10:28

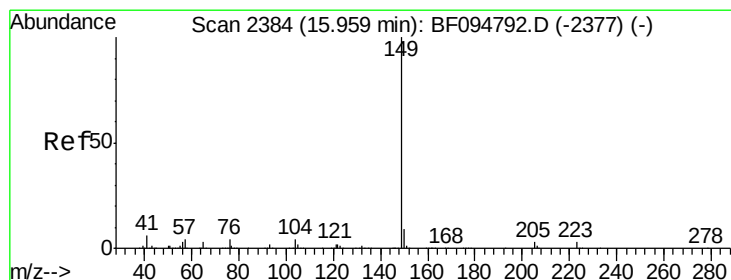
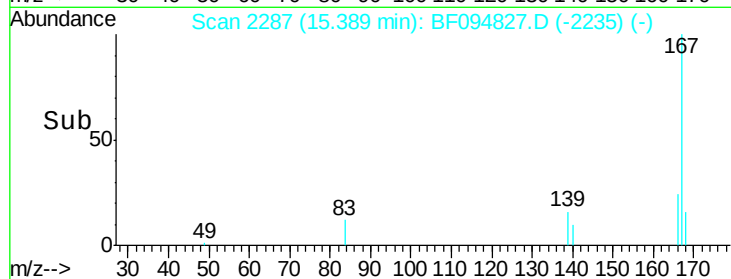
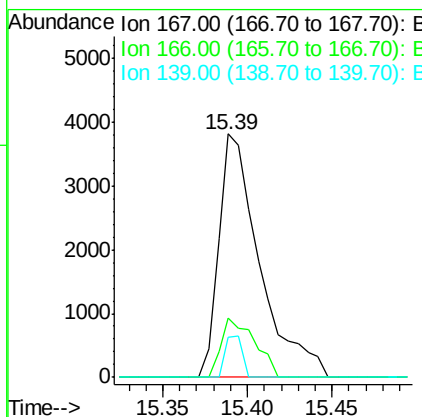
Instrument :
 BNA_F
 ClientSampleId :
 E2-X9-BASE



Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.5	18.1	27.1
139	16.5	11.7	17.5

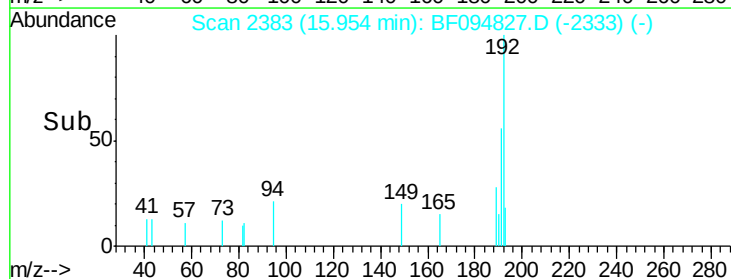
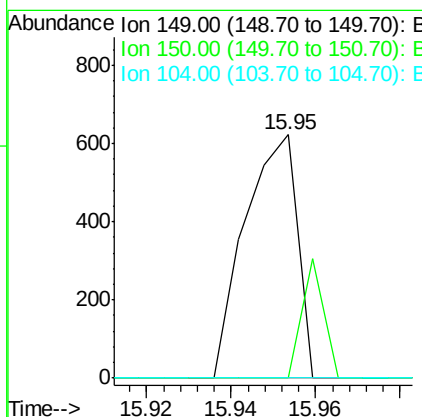
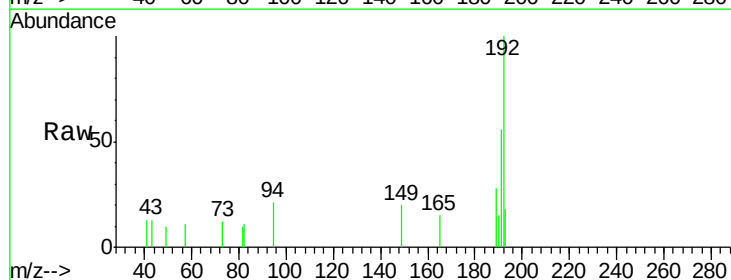
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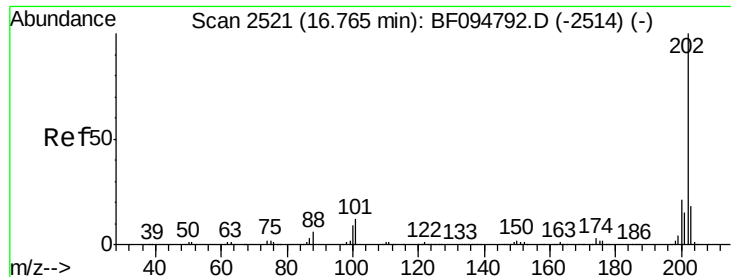
mohammad
 5/4/2017 1:45:21 PM



#73
 Di-n-butylphthalate
 Concen: 0.045 ng
 RT: 15.95 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BF094827.D
 Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.0	6.0#





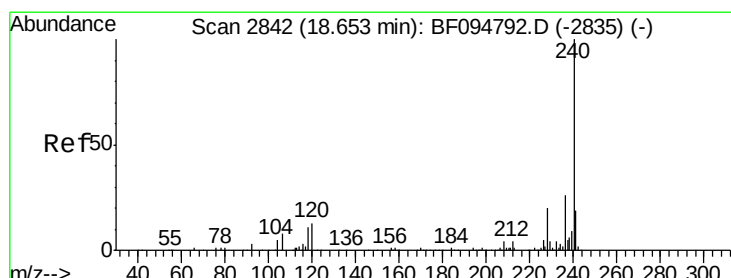
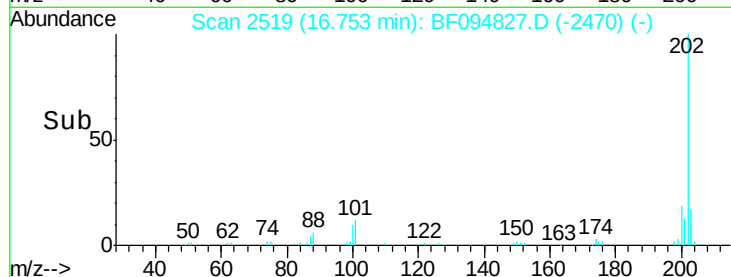
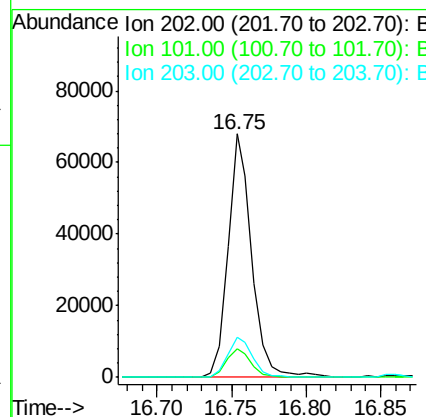
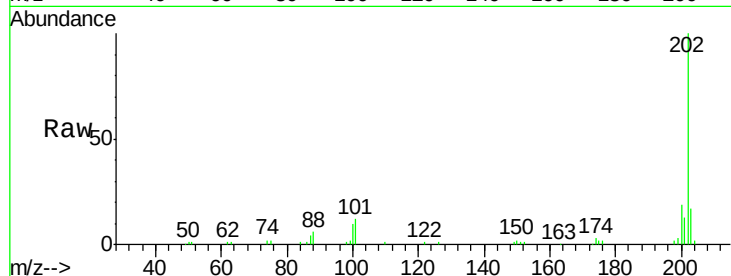
#74
Fluoranthene
Concen: 7.239 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	33.2
203	16.5	0.0	38.1

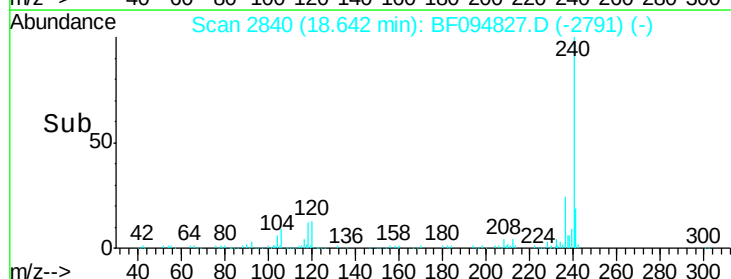
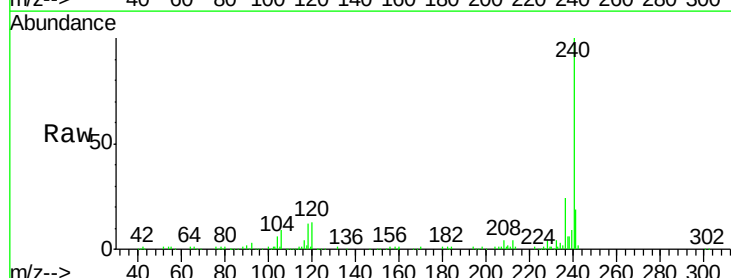
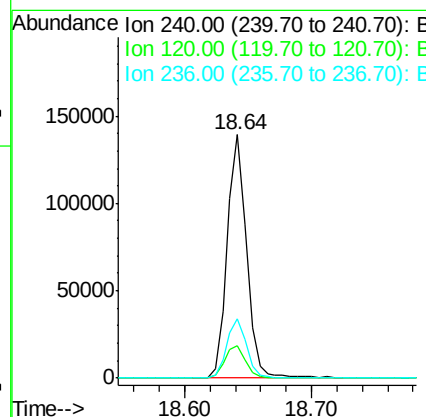
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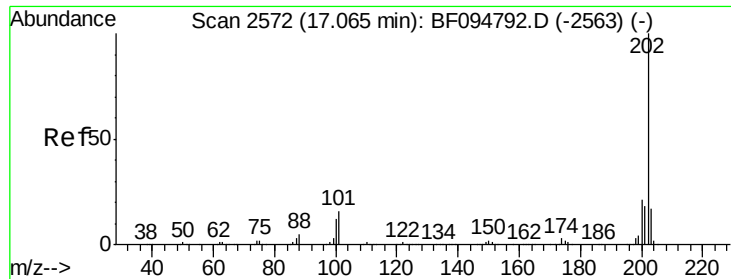
mohammad
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	24.4	20.5	30.7





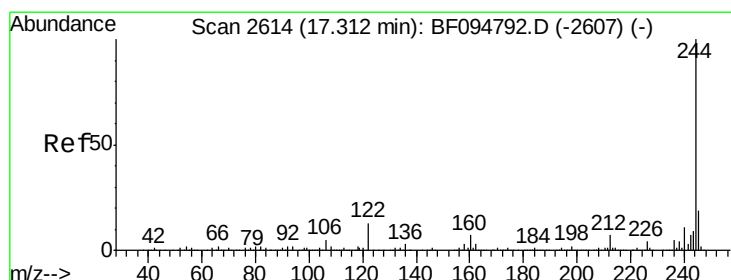
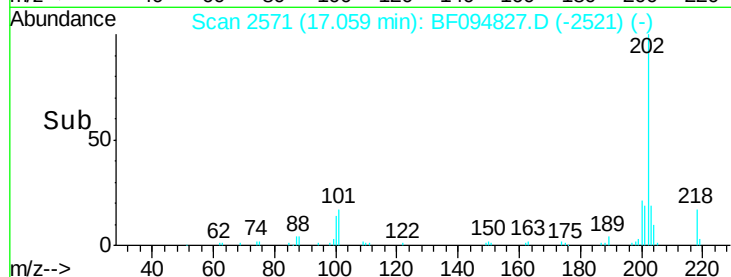
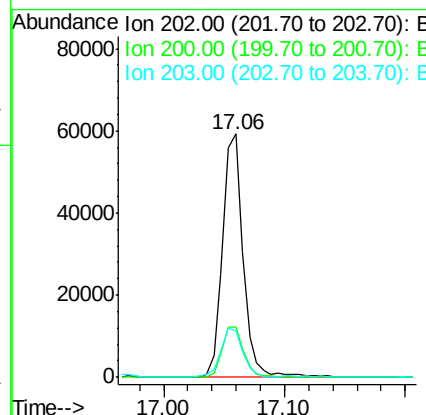
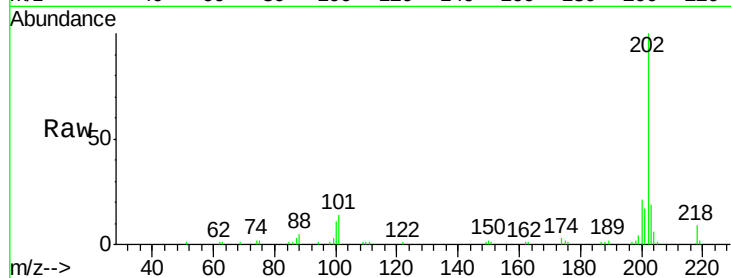
#77
 Pyrene
 Concen: 6.270 ng
 RT: 17.06 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BF094827.D
 Acq: 3 May 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :
 E2-X9-BASE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.5	17.6	26.4
203	19.3	14.4	21.6

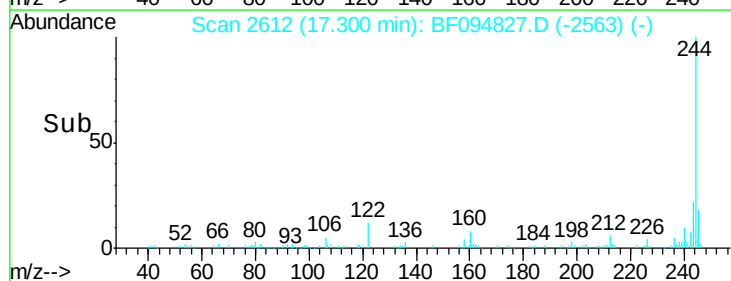
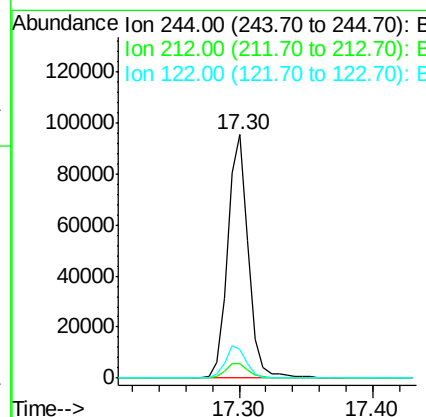
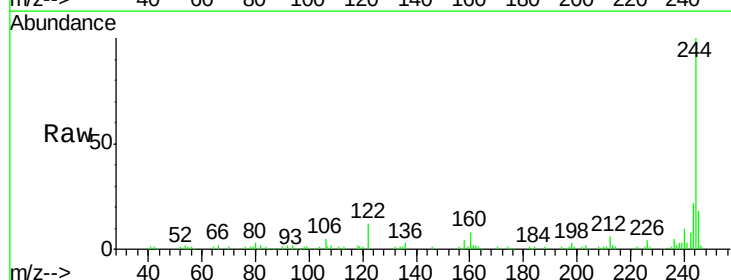
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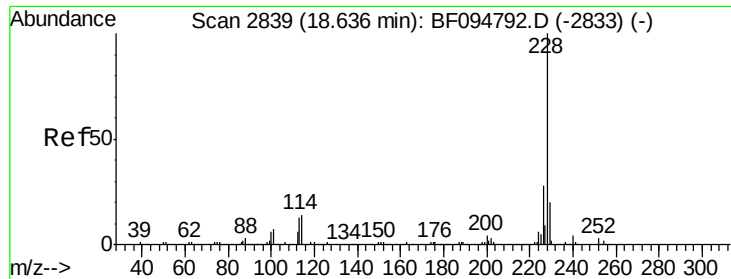
mohammad
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#78
 Terphenyl-d14
 Concen: 15.383 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094827.D
 Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.1	6.0	9.0
122	11.9	10.3	15.5





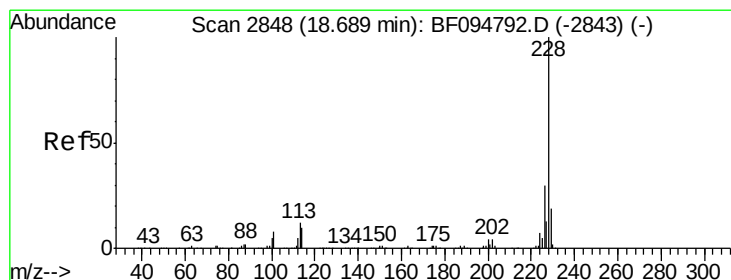
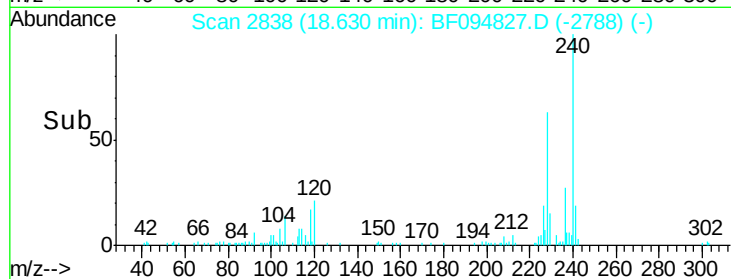
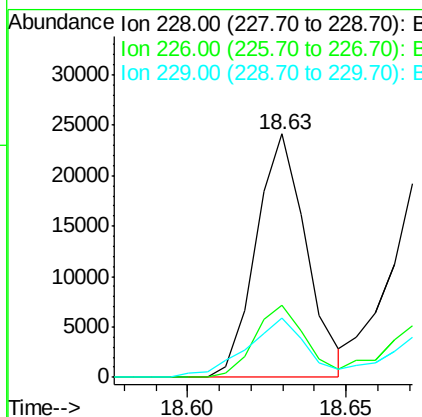
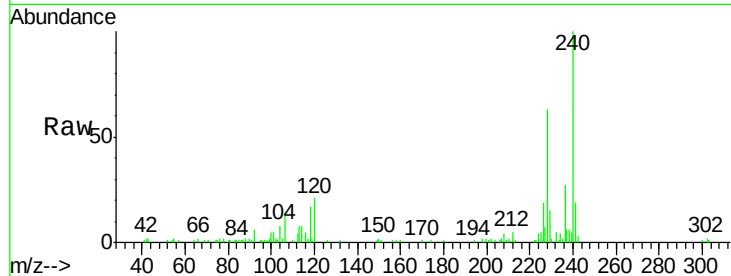
#80
Benzo(a)anthracene
Concen: 3.082 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	24.3	16.3	24.5

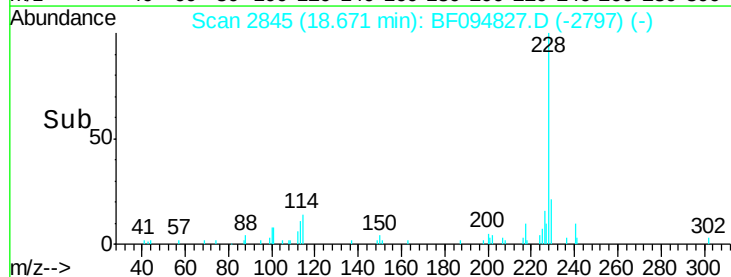
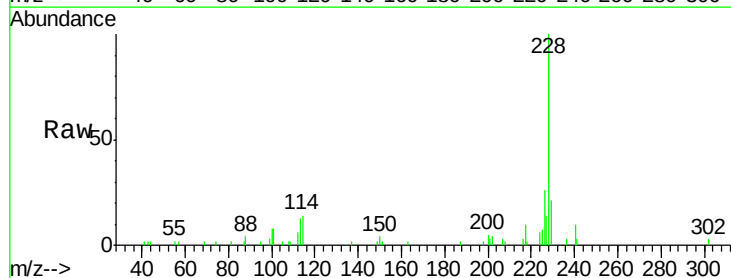
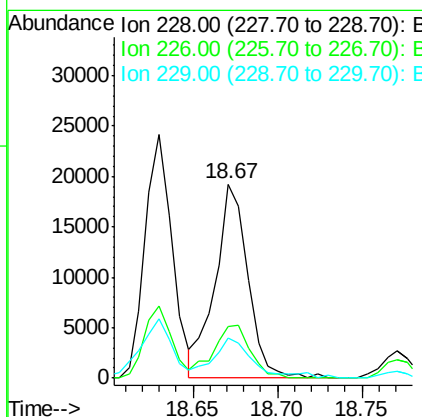
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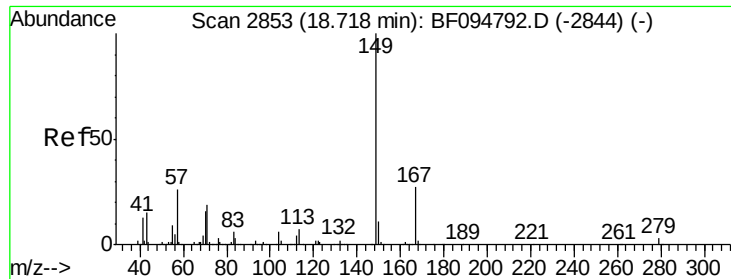
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#82
Chrysene
Concen: 3.137 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.9	37.3
229	20.5	15.8	23.6





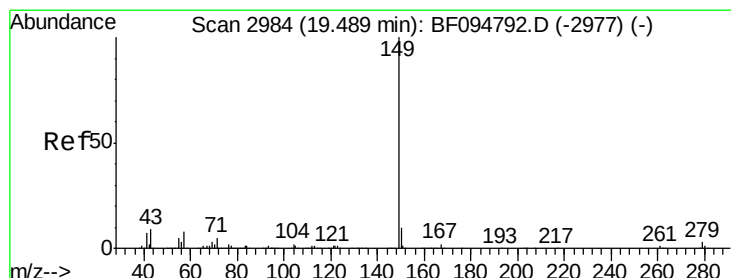
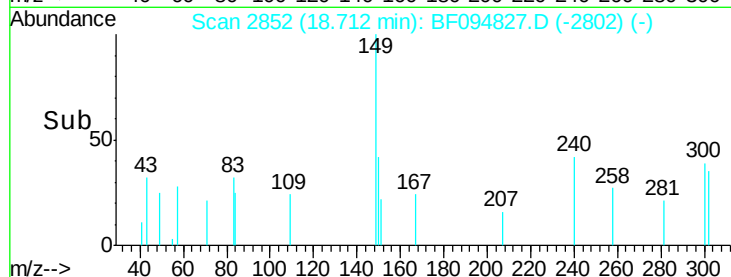
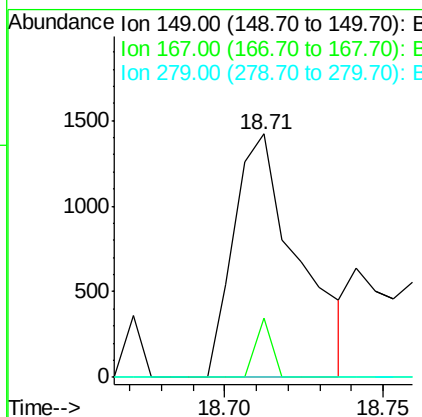
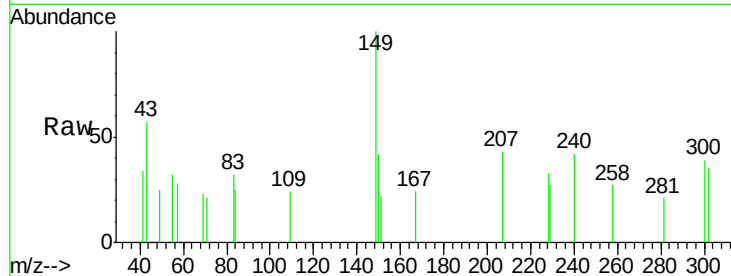
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.272 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF094827.D
 Acq: 3 May 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :
 E2-X9-BASE

Tgt Ion:	149	Resp:	2003
Ion Ratio	Lower	Upper	
149	100		
167	24.4	21.0	31.4
279	0.0	1.9	2.9#

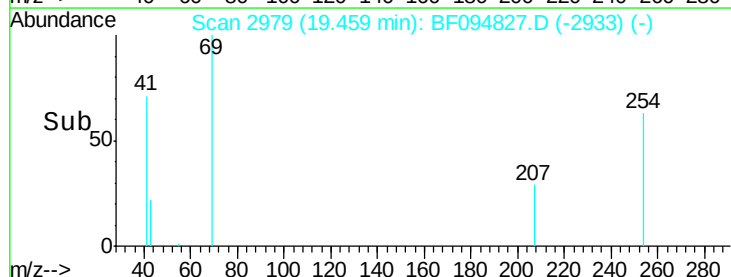
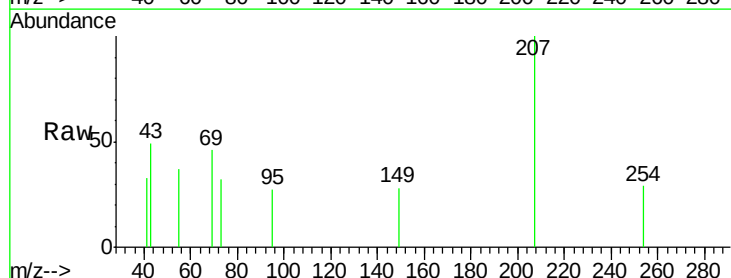
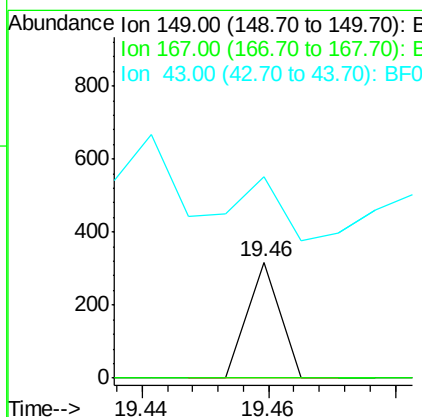
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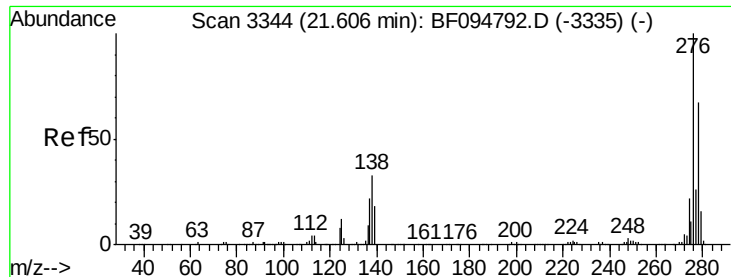
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 0.009 ng
 RT: 19.46 min Scan# 2979
 Delta R.T. -0.03 min
 Lab File: BF094827.D
 Acq: 3 May 2017 10:28

Tgt Ion:	149	Resp:	112
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	0.0	8.5	12.7#





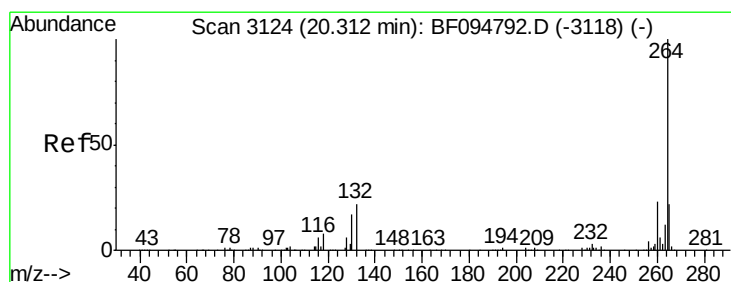
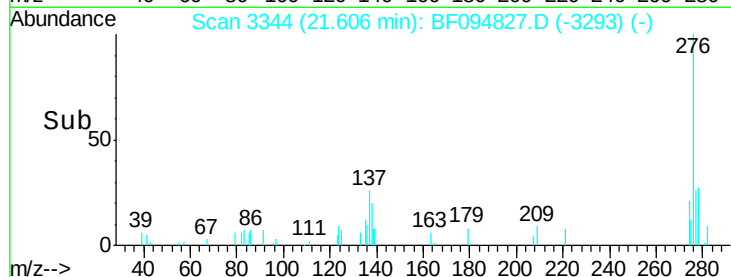
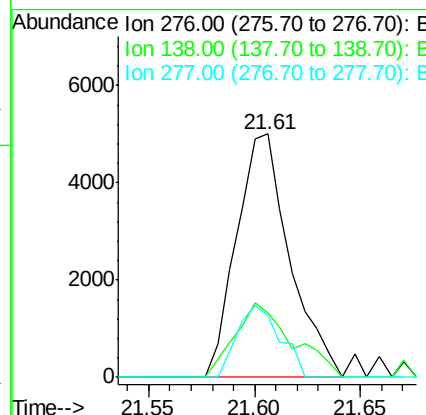
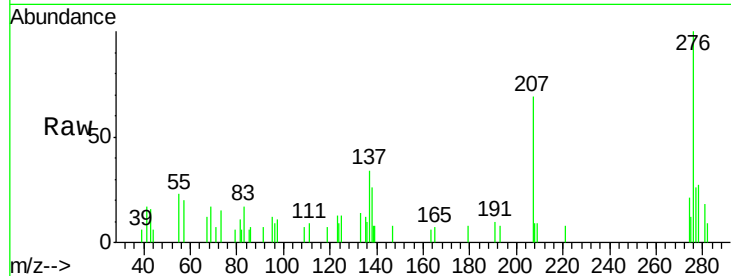
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.288 ng
 RT: 21.61 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: BF094827.D
 Acq: 3 May 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :
 E2-X9-BASE

Tgt Ion:	276	Resp:	8736
Ion Ratio	Lower	Upper	
276	100		
138	33.2	27.8	41.6
277	23.7	20.2	30.4

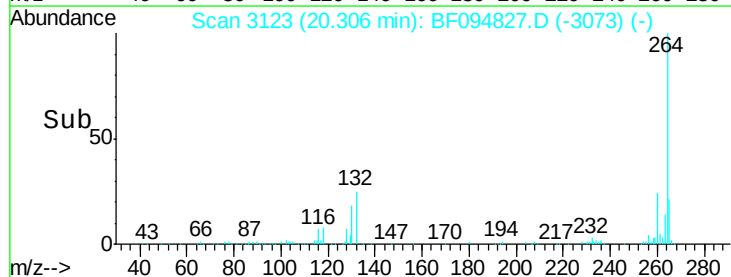
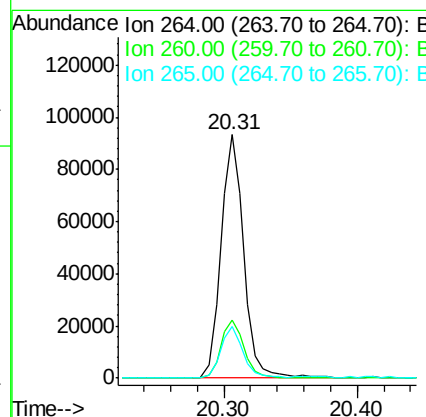
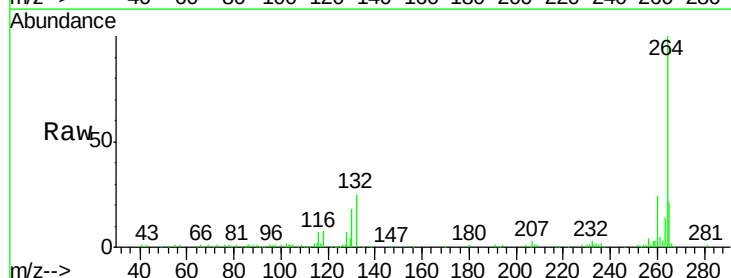
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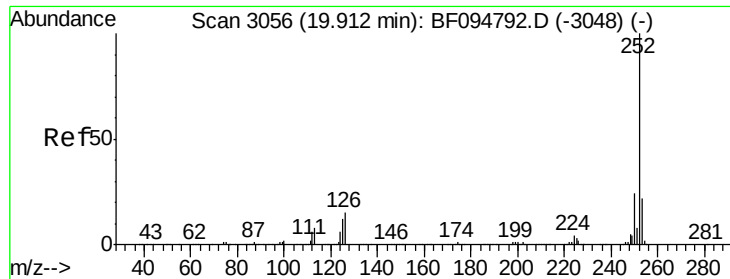
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094827.D
 Acq: 3 May 2017 10:28

Tgt Ion:	264	Resp:	111911
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.5	29.3
265	21.1	17.2	25.8





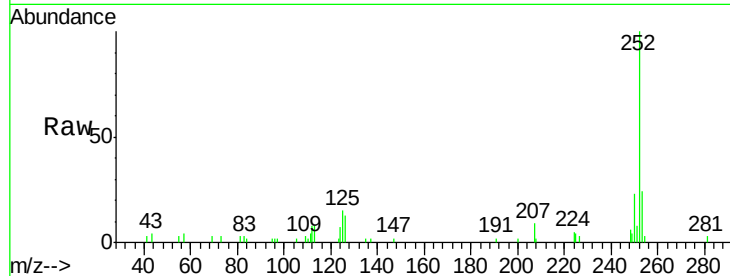
#87
Benzo(b)fluoranthene
Concen: 3.852 ng m
RT: 19.91 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Instrument :
BNA_F
ClientSampleId :
E2-X9-BASE

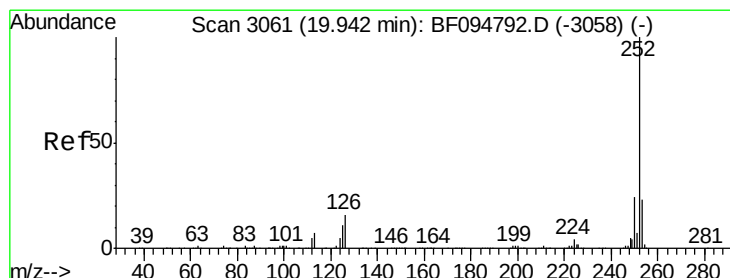
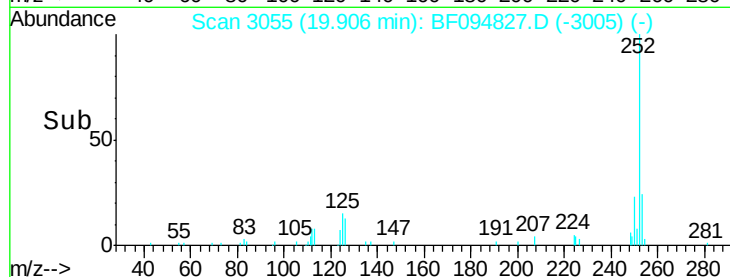
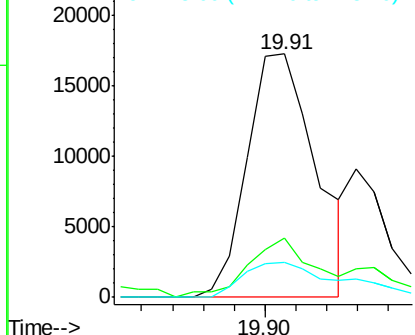
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	14.6	9.8	14.8

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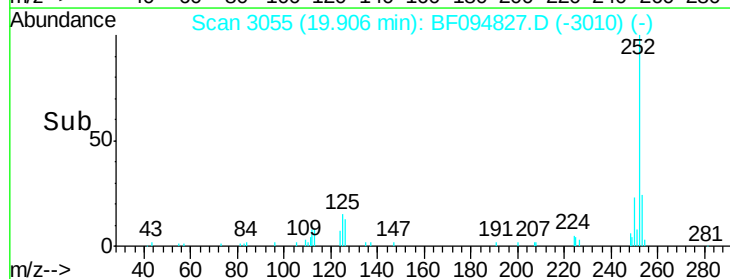
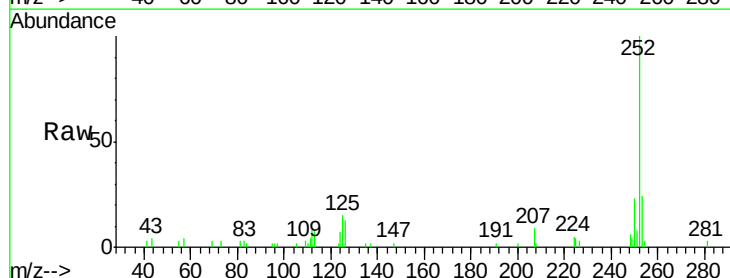
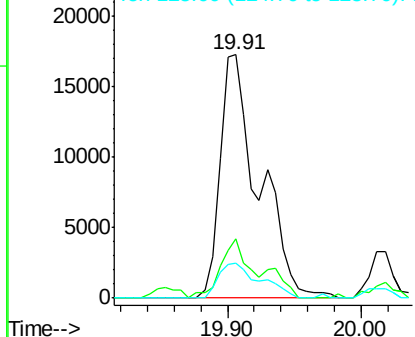
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

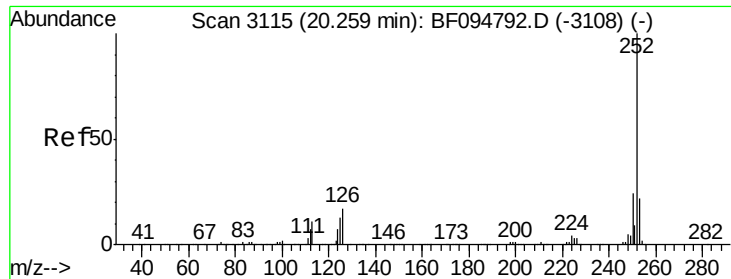


#88
Benzo(k)fluoranthene
Concen: 5.258 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.04 min
Lab File: BF094827.D
Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.4	27.6
125	14.6	13.1	19.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.977 ng

RT: 20.25 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BF094827.D

Acq: 3 May 2017 10:28

Instrument :

BNA_F

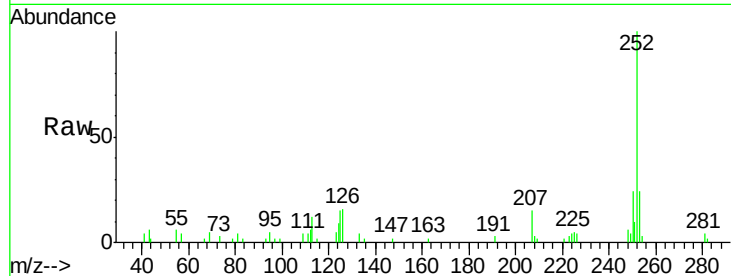
ClientSampleId :

E2-X9-BASE

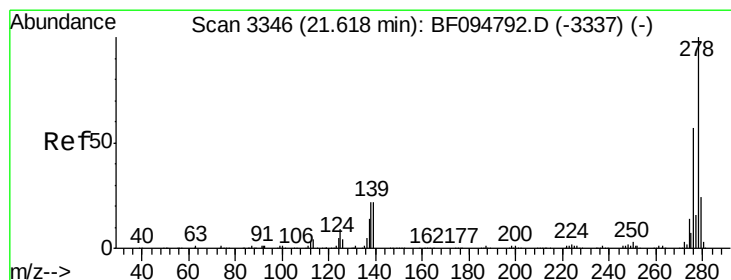
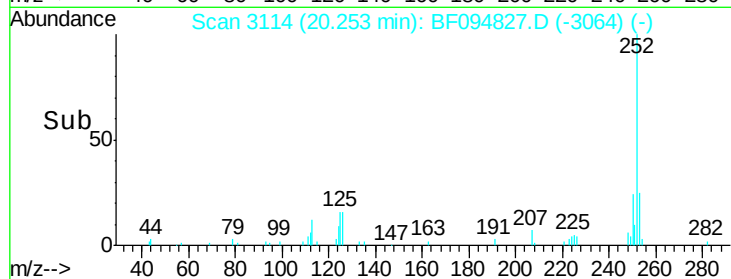
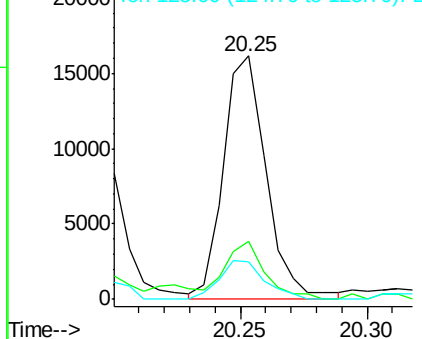
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	18995		
253	24.0	17.5	26.3	
125	15.4	11.0	16.4	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.512 ng

RT: 21.61 min Scan# 3344

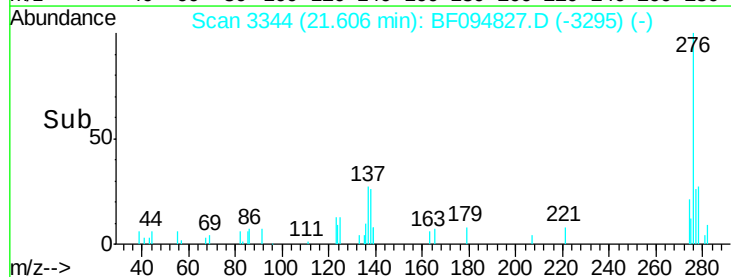
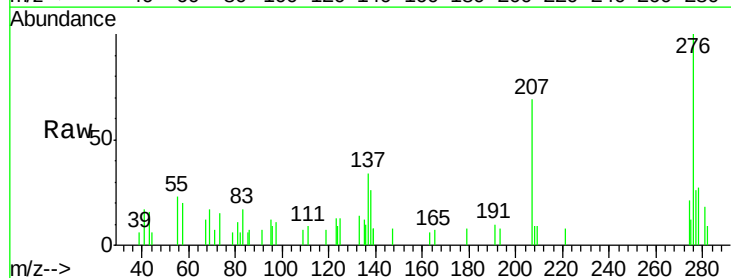
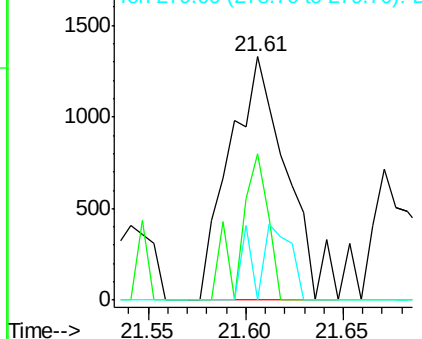
Delta R.T. -0.01 min

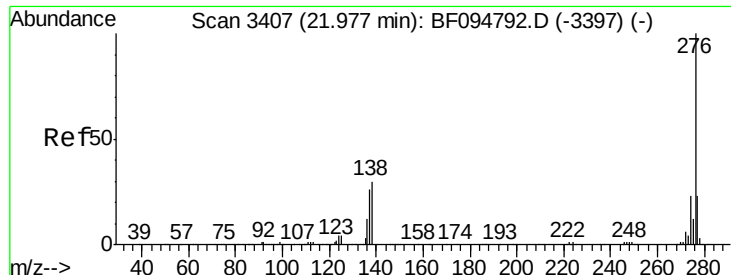
Lab File: BF094827.D

Acq: 3 May 2017 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	2697		
139	59.9	16.6	24.8#	
279	0.0	19.3	28.9#	

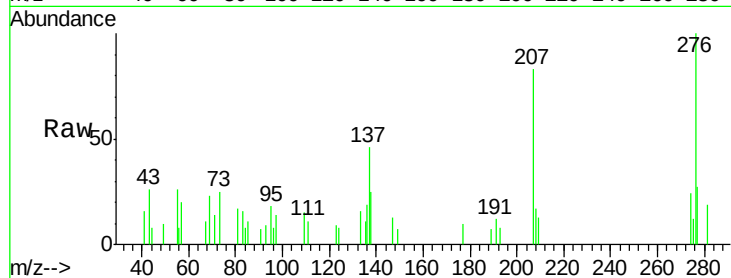
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 1.692 ng
 RT: 21.98 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: BF094827.D
 Acq: 3 May 2017 10:28

Instrument :
 BNA_F
 ClientSampleId :
 E2-X9-BASE



Tgt Ion:	276	Resp:	8748
Ion Ratio	Lower	Upper	
276	100		
277	26.5	18.6	28.0
138	24.6	25.4	38.0

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