

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095256.D
 Acq On : 19 May 2017 9:57
 Operator : SJ/MA
 Sample : I3186-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-NSW

Manual Integrations
 APPROVED

mohammad
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Quant Time: May 19 11:46:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102771	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	443446	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	185524	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	295420	20.00	ng	0.00
75) Chrysene-d12	18.69	240	179166	20.00	ng	0.00
86) Perylene-d12	20.37	264	164320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	641579	104.08	ng	0.00
7) Phenol-d6	7.31	99	816465	110.39	ng	0.00
23) Nitrobenzene-d5	8.67	82	513852	73.07	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	144726	95.25	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	912914	70.83	ng	0.00
78) Terphenyl-d14	17.34	244	503531	61.90	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	17245	2.21	ng	Qvalue # 61
49) Dimethylphthalate	12.25	163	267375	17.56	ng	100
70) Phenanthrene	15.07	178	67430	3.97	ng	94
74) Fluoranthene	16.81	202	82948	4.76	ng	99
77) Pyrene	17.11	202	76445	5.70	ng	# 92
80) Benzo(a)anthracene	18.68	228	35141	3.37	ng	96
82) Chrysene	18.73	228	37353	3.70	ng	96
85) Indeno(1,2,3-cd)pyrene	21.72	276	36572	4.47	ng	# 91
87) Benzo(b)fluoranthene	19.97	252	54183m	5.34	ng	
88) Benzo(k)fluoranthene	19.99	252	25260m	2.58	ng	
89) Benzo(a)pyrene	20.31	252	53480	5.71	ng	98
91) Benzo(a,h,i)perylene	22.11	276	34195	4.50	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

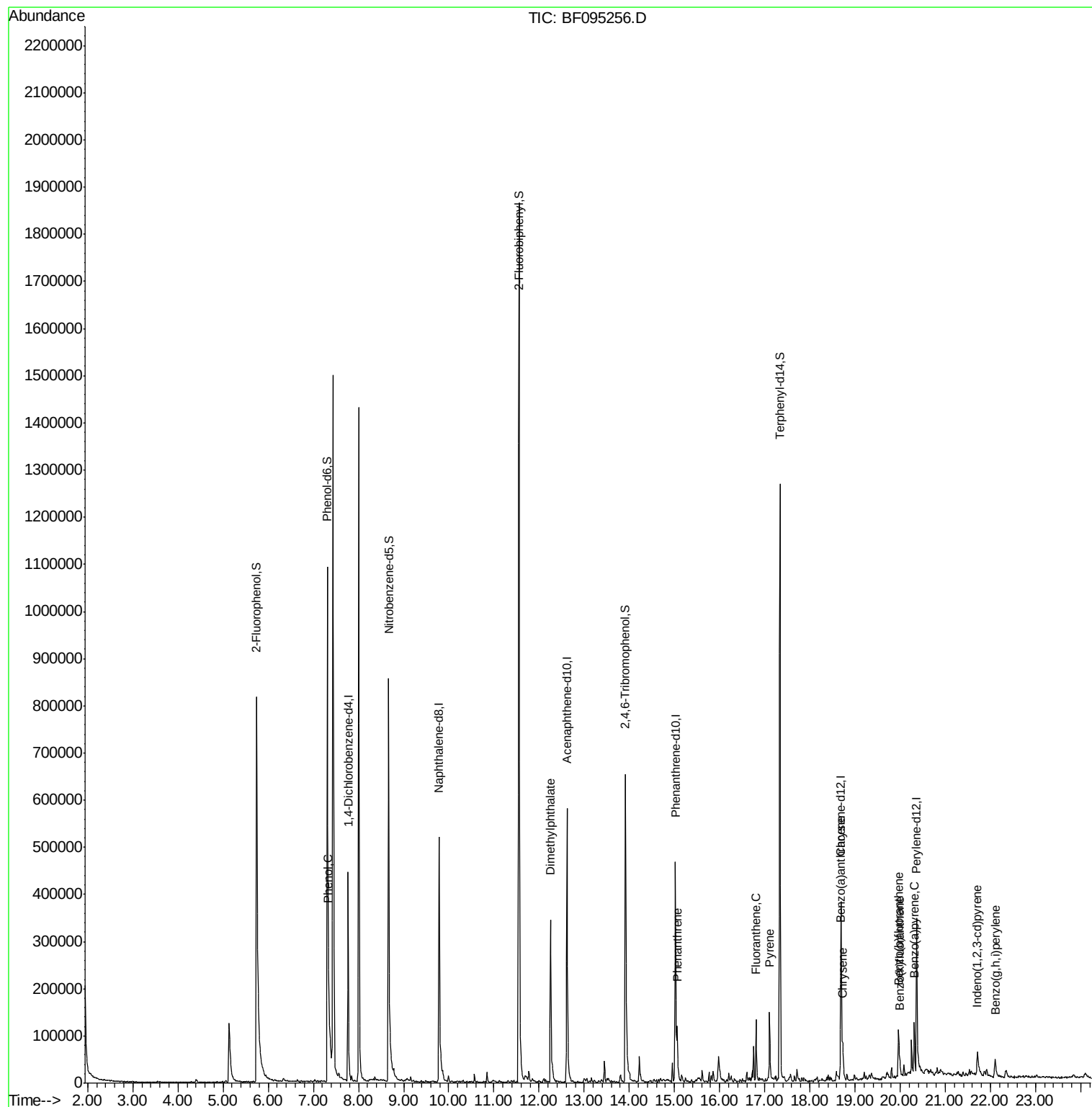
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095256.D
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Operator : SJ/MA
Sample : I3186-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

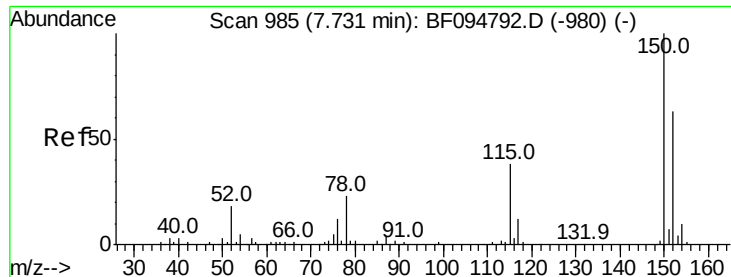
Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

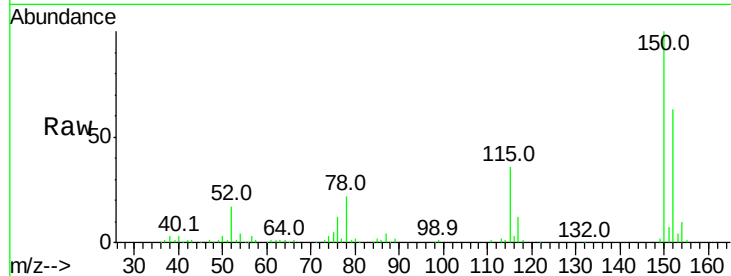
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

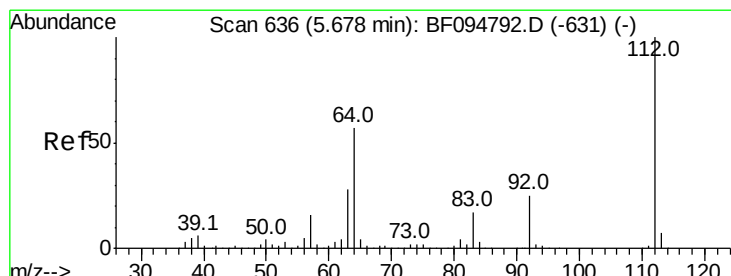
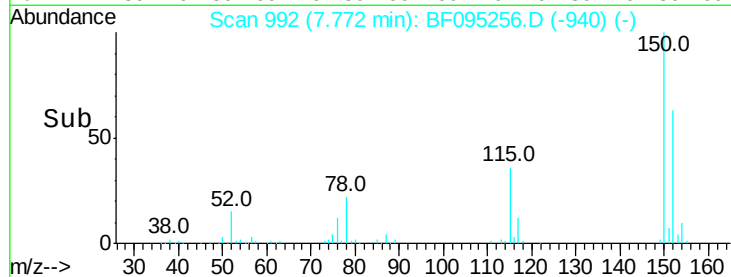
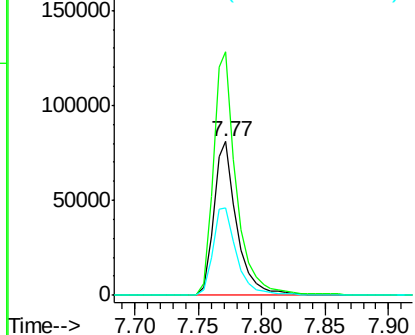
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	57.1	52.2	78.2

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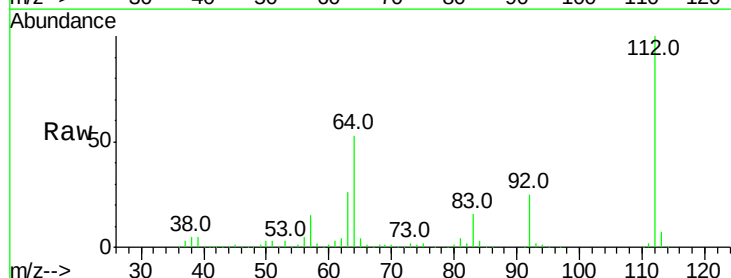
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



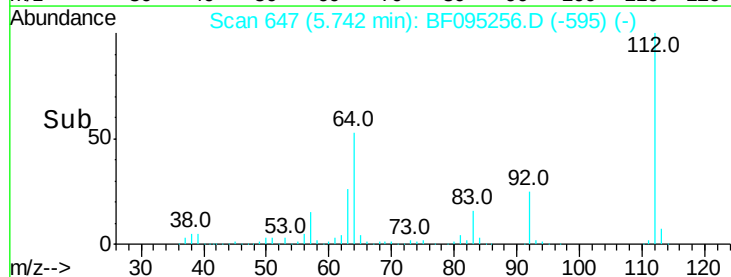
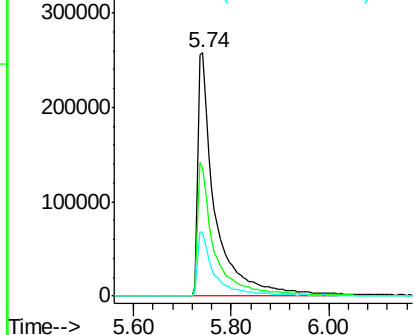
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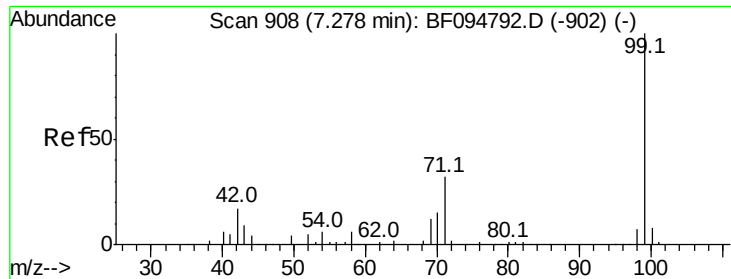
2-Fluorophenol
Concen: 104.08 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	26.1	23.4	35.0



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





#7

Phenol-d6

Concen: 110.39 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095256.D

Acq: 19 May 2017 9:57

Instrument :

BNA_F

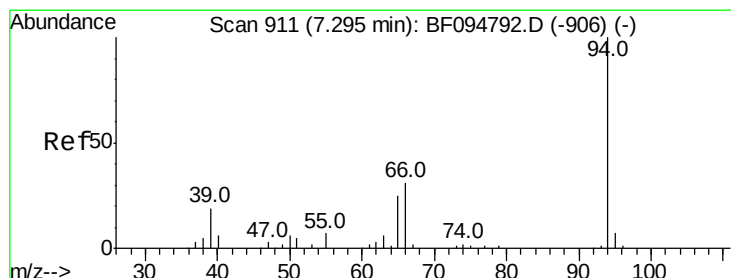
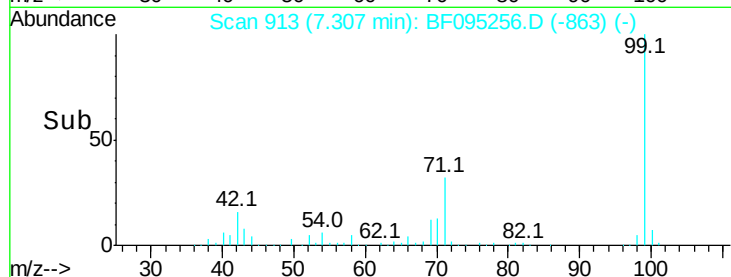
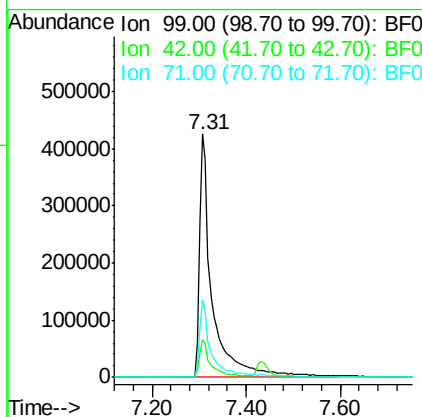
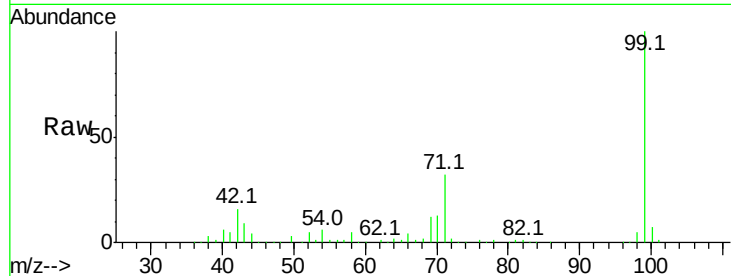
ClientSampled :

E2-R3-NSW

Tot Ion:	99	Resp:	816465
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	31.8	24.5	36.7

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#10

Phenol

Concen: 2.21 ng

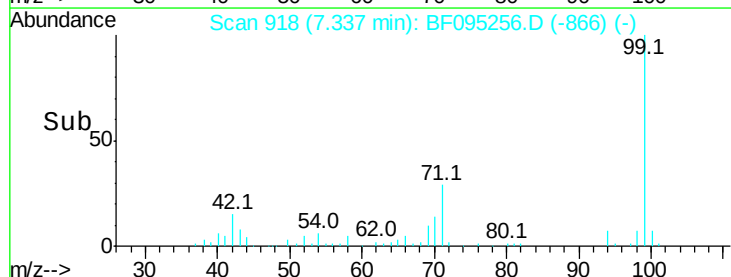
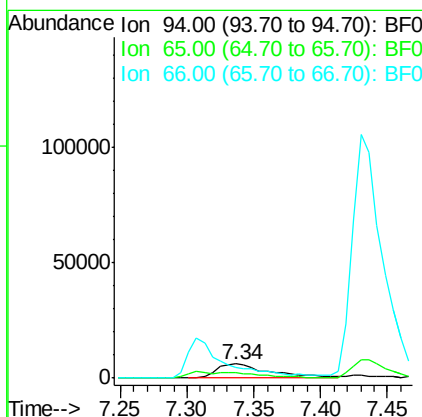
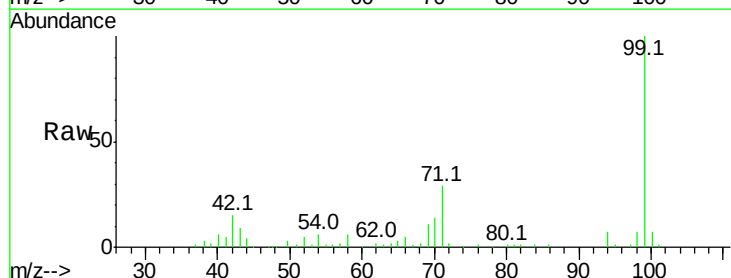
RT: 7.34 min Scan# 918

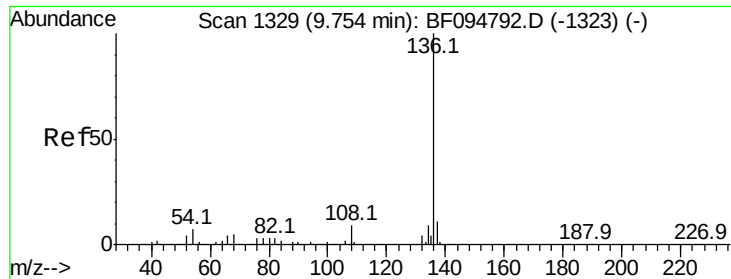
Delta R.T. 0.01 min

Lab File: BF095256.D

Acq: 19 May 2017 9:57

Tgt Ion:	94	Resp:	17245
Ion Ratio	Lower	Upper	
94	100		
65	39.7	9.9	49.9
66	76.8	23.1	63.1#





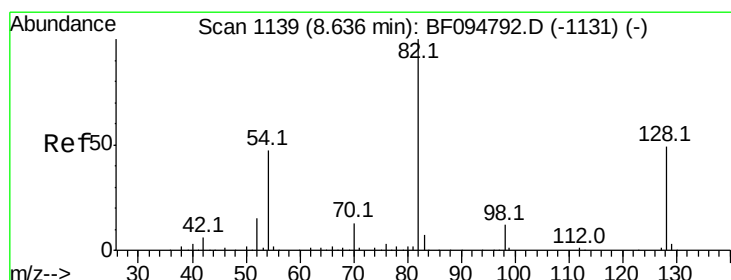
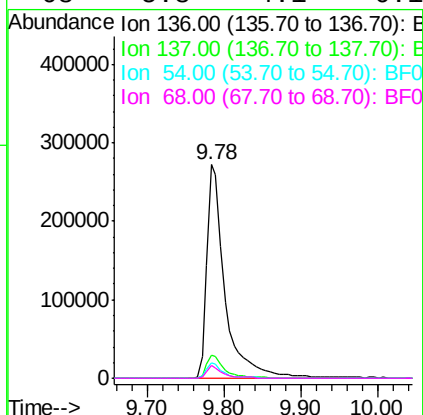
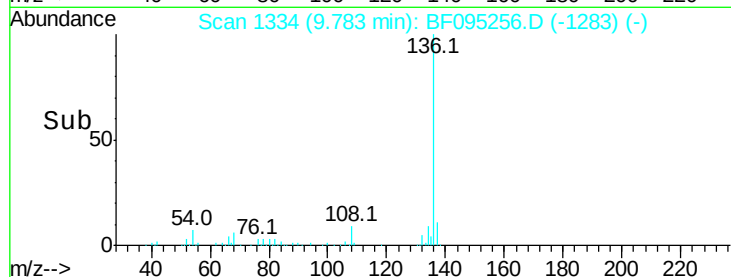
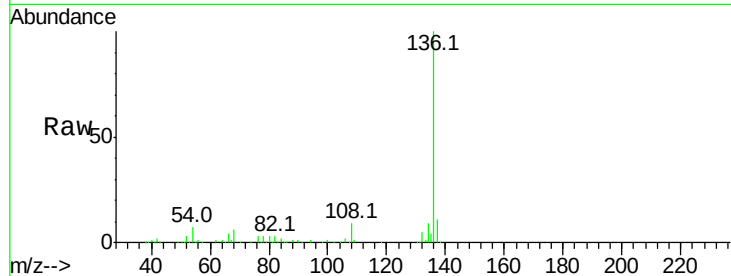
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		443446		
137	10.6		8.5	12.7	
54	7.0		4.9	7.3	
68	5.8		4.1	6.1	

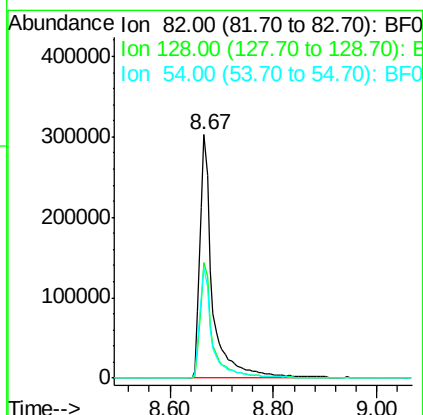
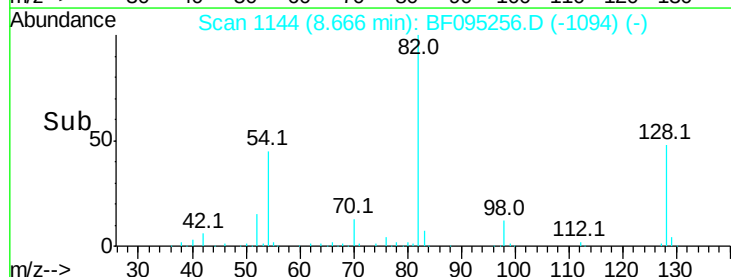
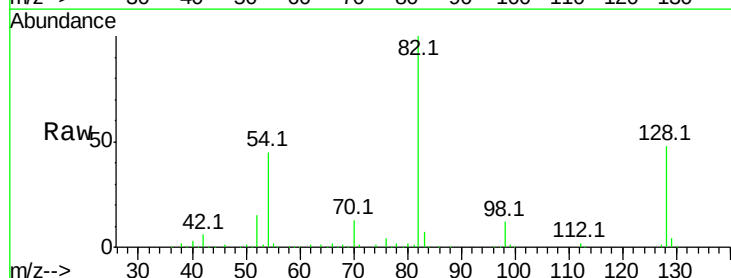
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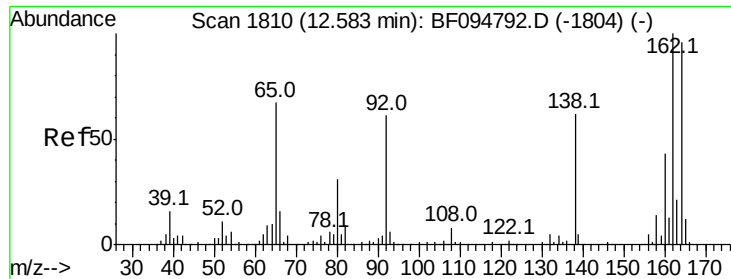
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#23
Nitrobenzene-d5
Concen: 73.07 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		513852		
128	47.7		34.0	51.0	
54	45.1		42.2	63.2	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095256.D

Acq: 19 May 2017 9:57

Instrument :

BNA_F

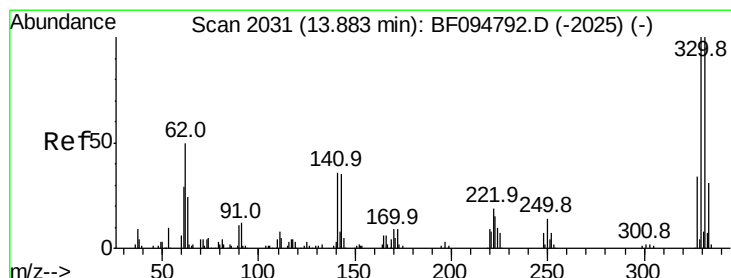
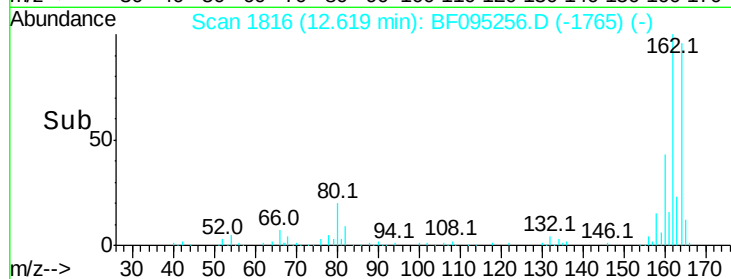
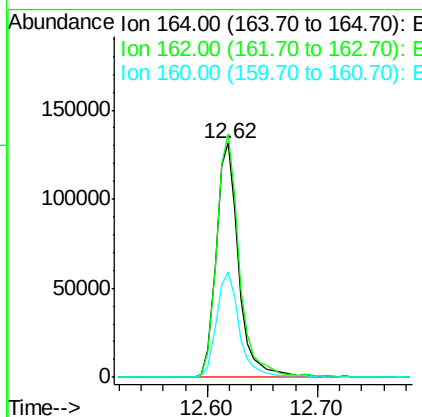
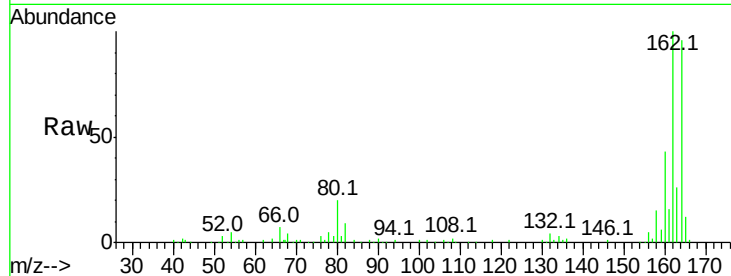
ClientSampleId :

E2-R3-NSW

Tot Ion:	164	Resp:	185524
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.6	123.8
160	44.7	36.2	54.2

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#41

2,4,6-Tribromophenol

Concen: 95.25 ng

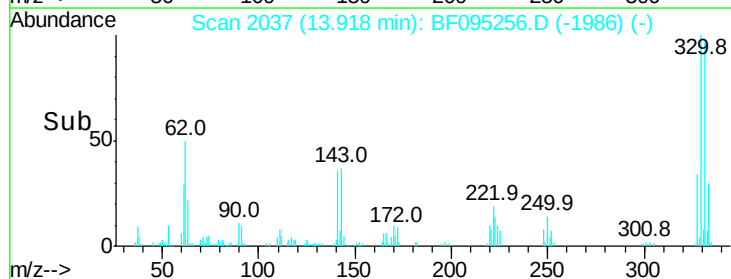
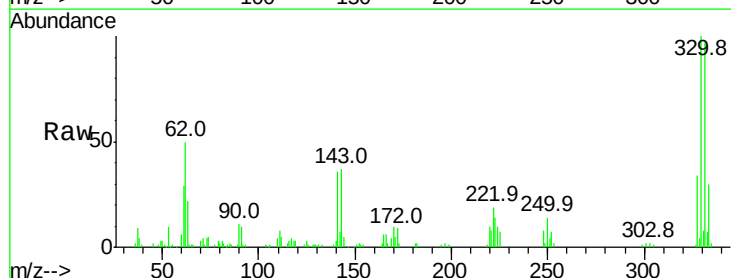
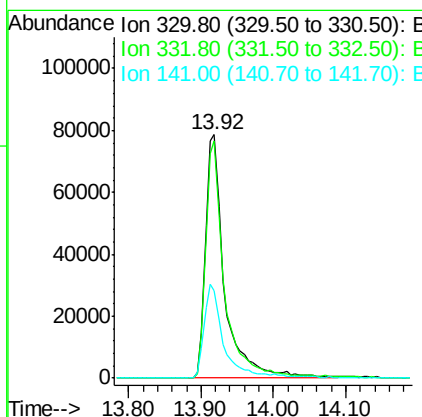
RT: 13.92 min Scan# 2037

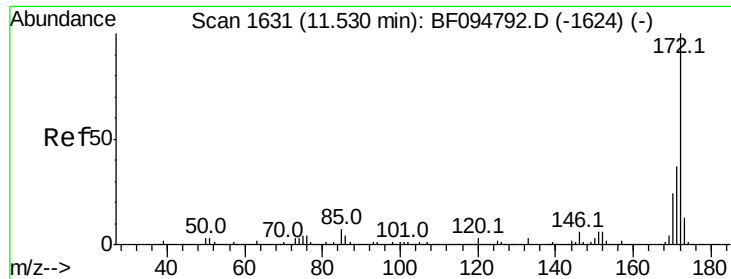
Delta R.T. 0.00 min

Lab File: BF095256.D

Acq: 19 May 2017 9:57

Tgt Ion:	330	Resp:	144726
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.6	115.0
141	39.8	31.4	47.2





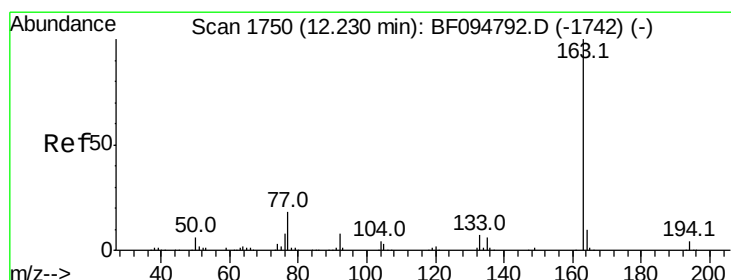
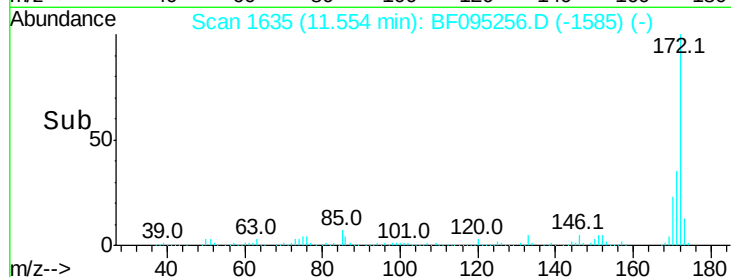
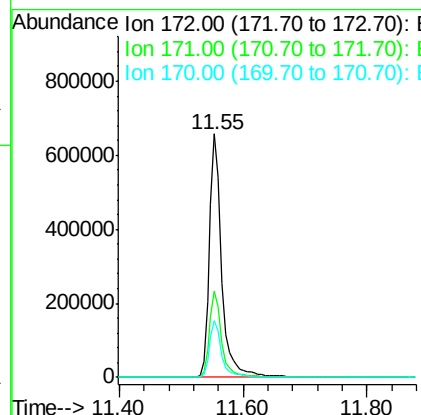
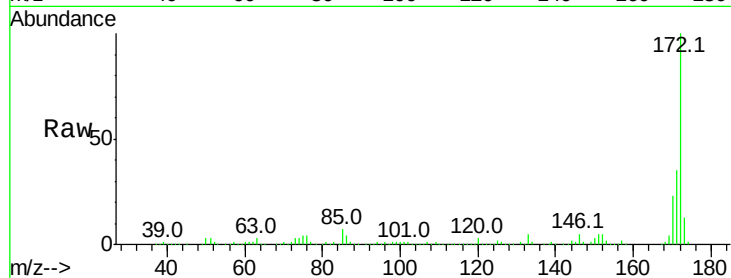
#44
2-Fluorobiphenyl
Concen: 70.83 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.6	44.4	
170	23.5	19.8	29.8	

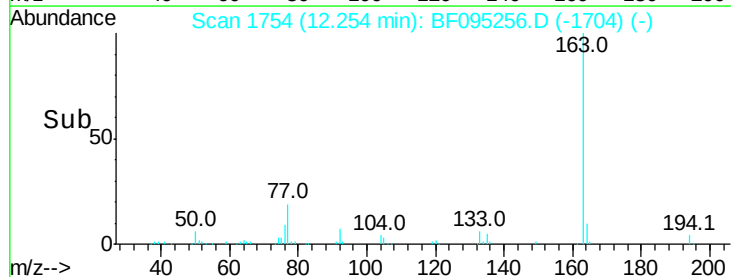
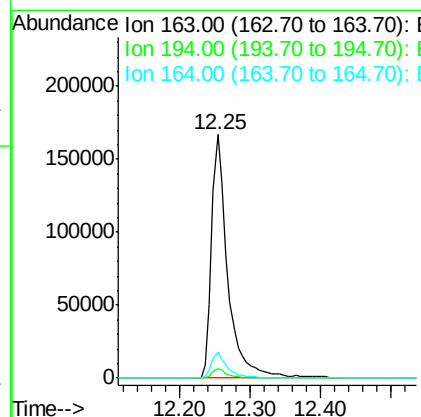
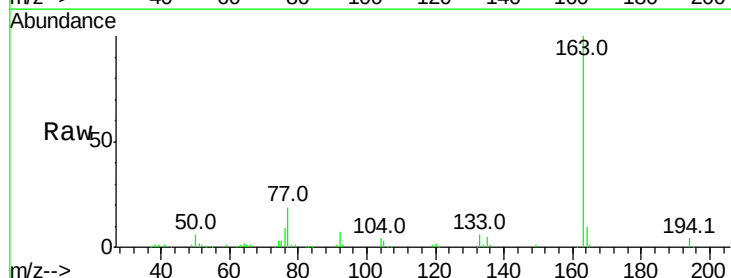
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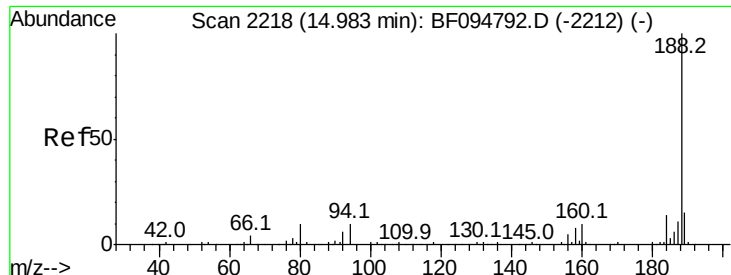
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#49
Dimethylphthalate
Concen: 17.56 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.6	4.0	
164	10.5	8.4	12.6	





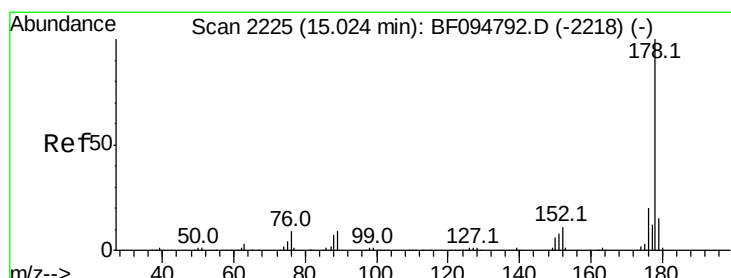
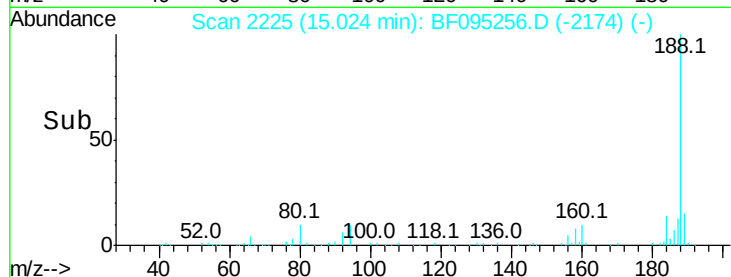
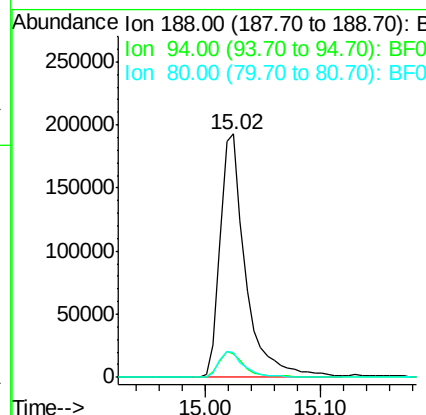
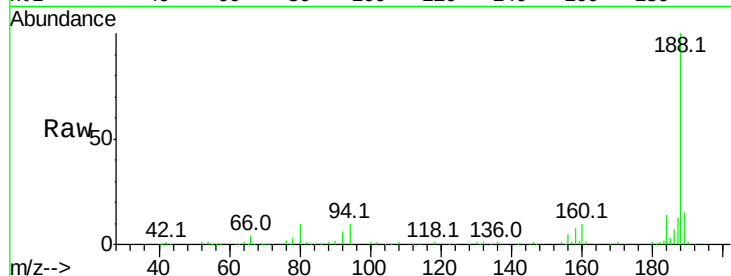
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	9.4	14.2
80	10.3	10.2	15.2

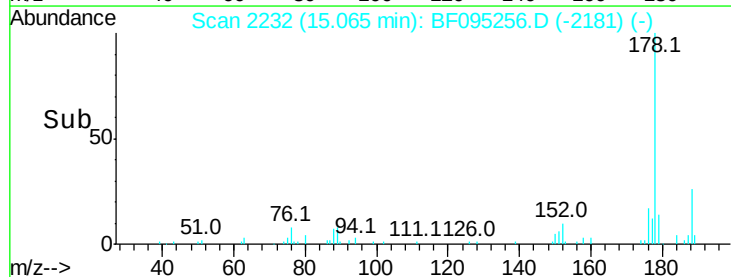
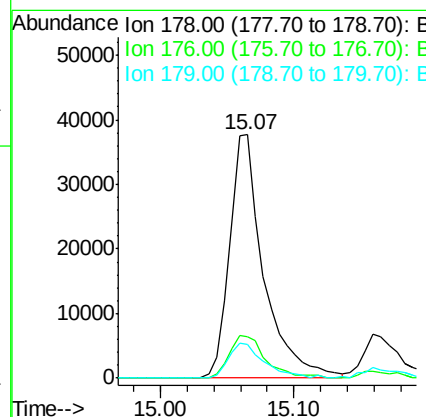
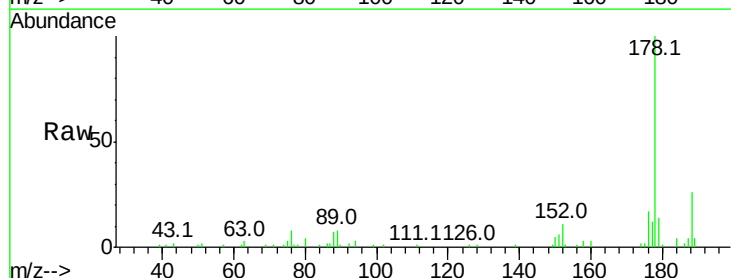
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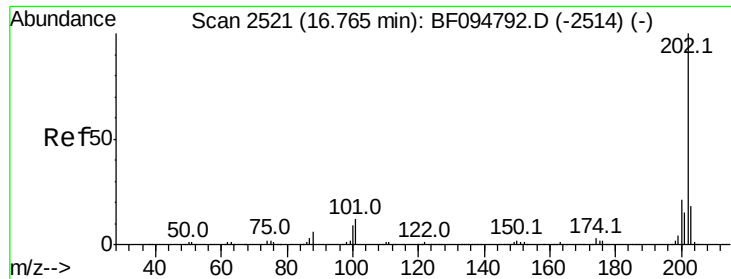
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#70
Phenanthrene
Concen: 3.97 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	16.9	16.2	24.4
179	13.9	12.6	19.0





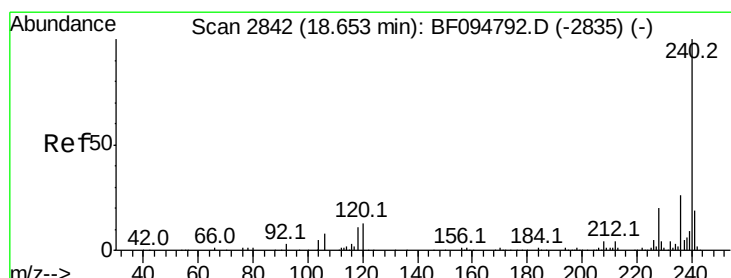
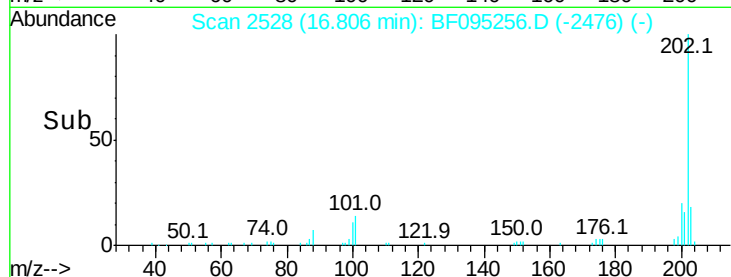
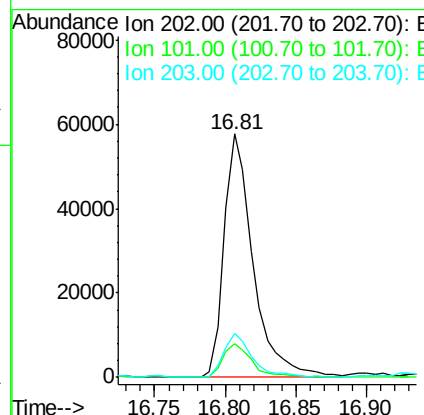
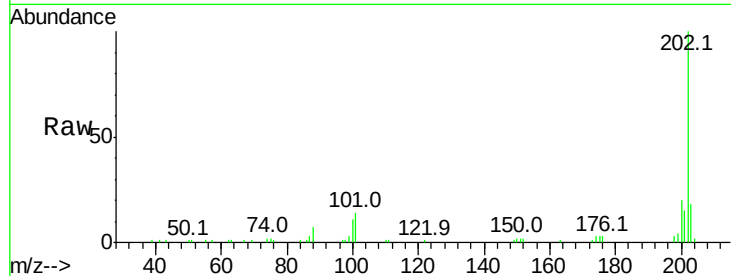
#74
 Fluoranthene
 Concen: 4.76 ng
 RT: 16.81 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BF095256.D
 Acq: 19 May 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-NSW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	0.0	33.2
203	18.1	0.0	38.1

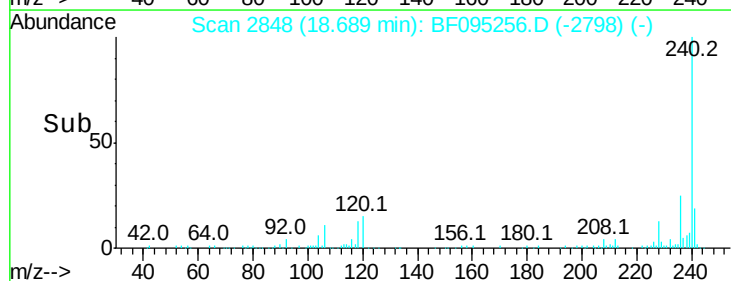
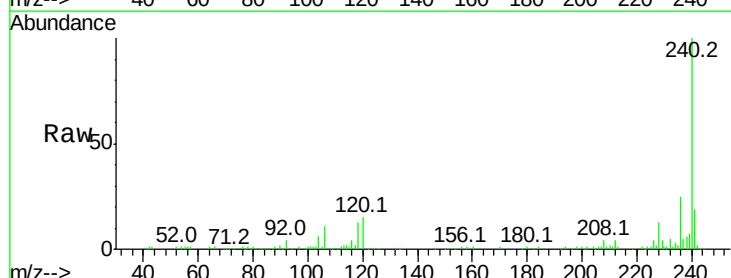
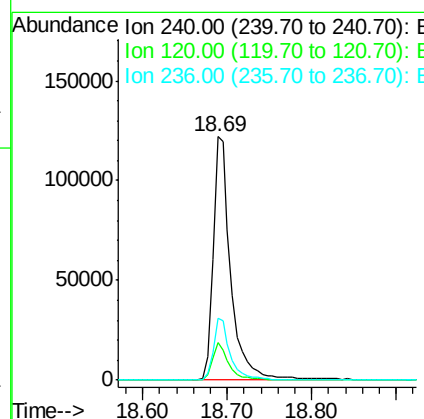
Manual Integrations
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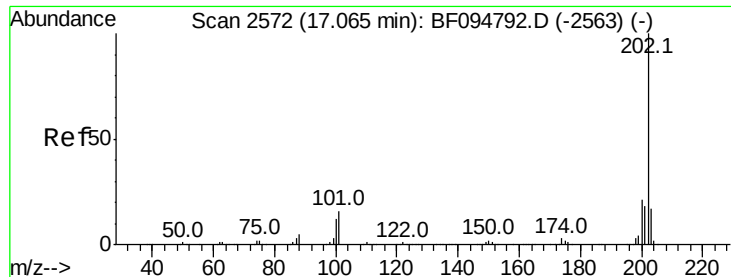
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095256.D
 Acq: 19 May 2017 9:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	25.4	20.5	30.7





#77

Pvrene

Concen: 5.70 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF095256.D

Acq: 19 May 2017 9:57

Instrument :

BNA_F

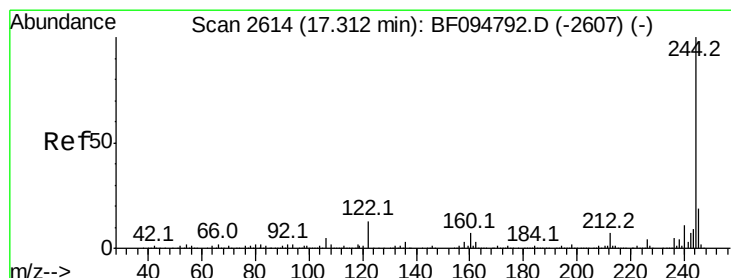
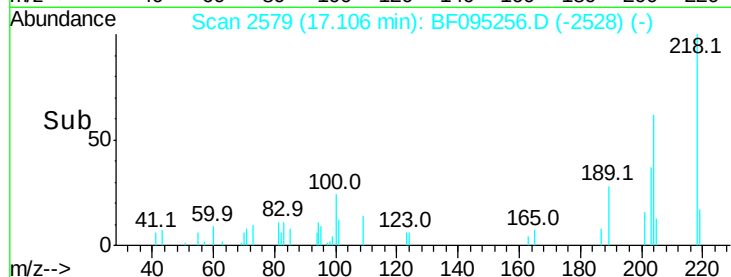
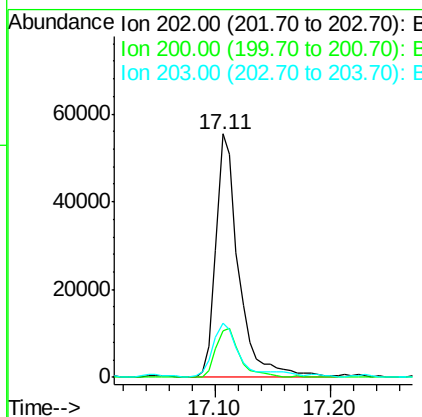
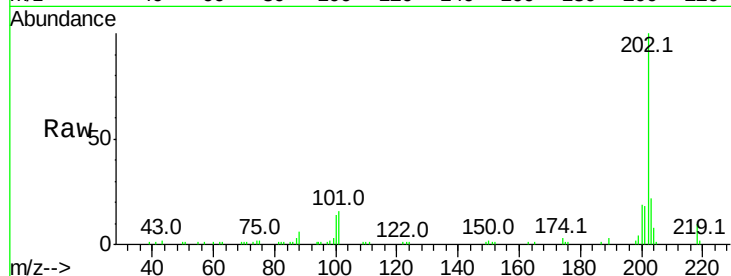
ClientSampleId :

E2-R3-NSW

Tot Ion:	202	Resp:	76445
Ion Ratio	Lower	Upper	
202	100		
200	19.2	17.6	26.4
203	22.4	14.4	21.6

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#78

Terphenyl-d14

Concen: 61.90 ng

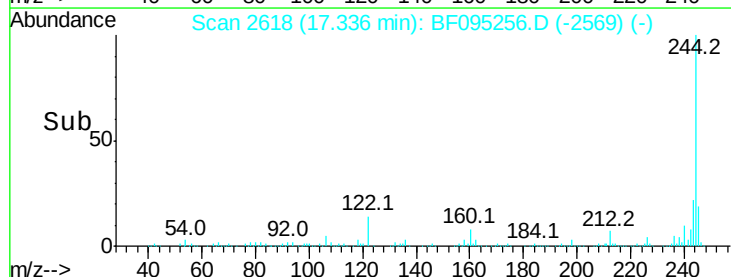
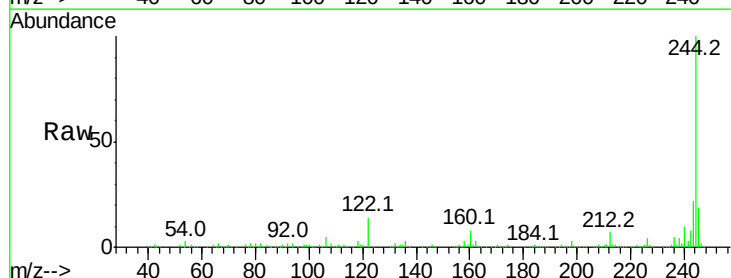
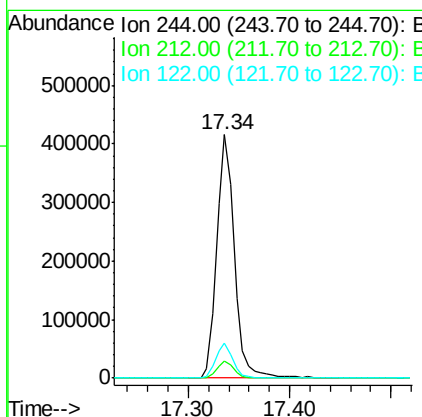
RT: 17.34 min Scan# 2618

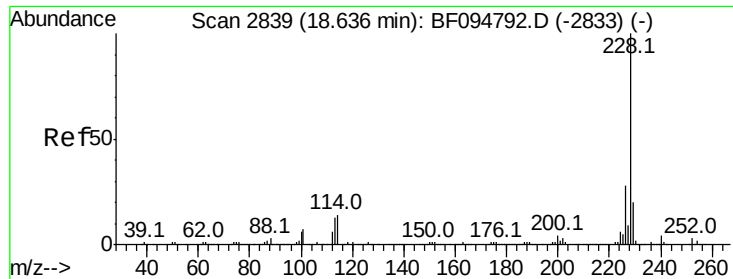
Delta R.T. -0.01 min

Lab File: BF095256.D

Acq: 19 May 2017 9:57

Tgt Ion:	244	Resp:	503531
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	14.4	10.3	15.5





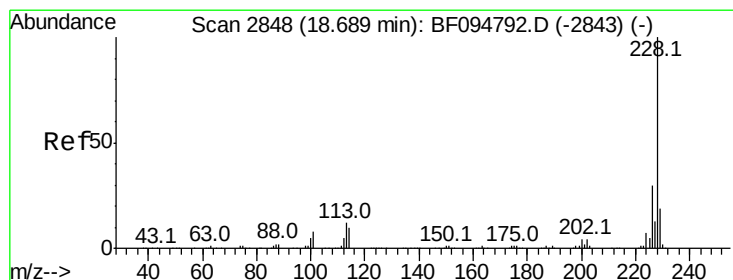
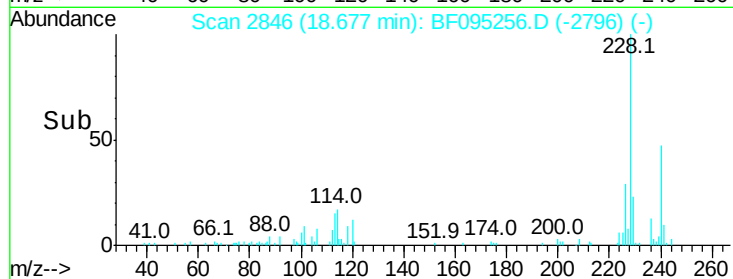
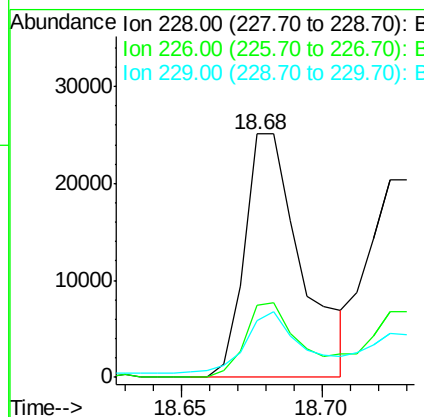
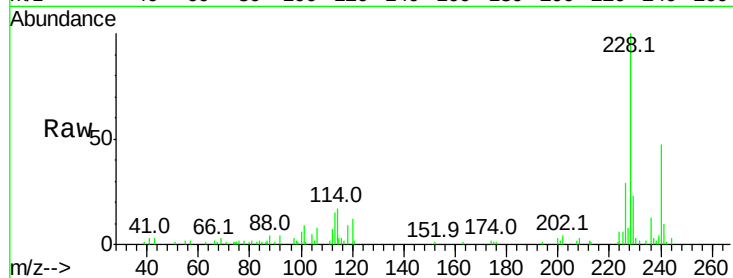
#80
Benzo(a)anthracene
Concen: 3.37 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

Tot Ion:228	Resp:	35141
Ion Ratio	Lower	Upper
228 100		
226 29.4	22.6	33.8
229 23.4	16.3	24.5

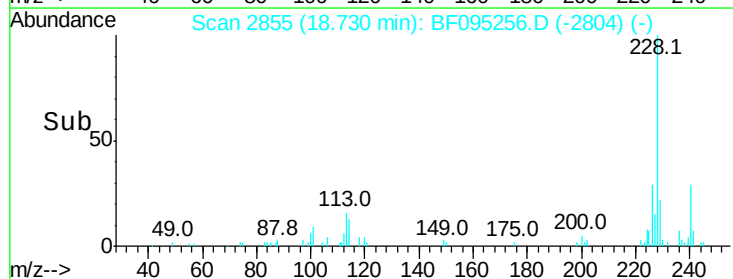
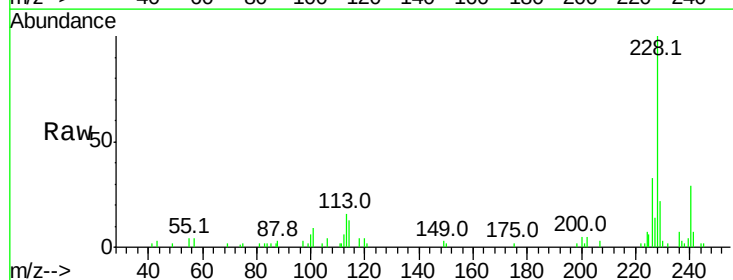
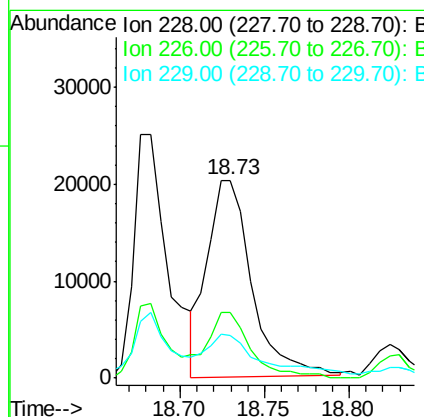
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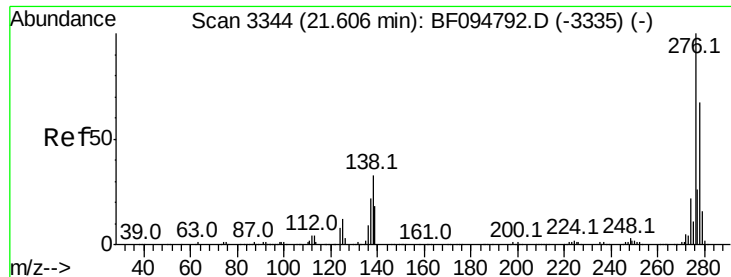
mohammad
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#82
Chrysene
Concen: 3.70 ng
RT: 18.73 min Scan# 2855
Delta R.T. 0.00 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Tgt Ion:228	Resp:	37353
Ion Ratio	Lower	Upper
228 100		
226 32.9	24.9	37.3
229 21.6	15.8	23.6





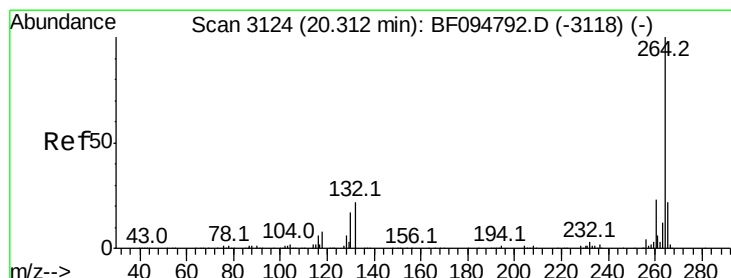
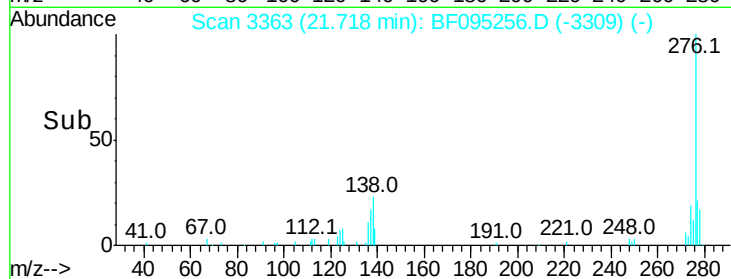
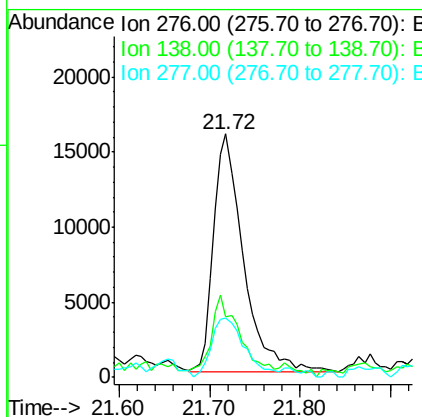
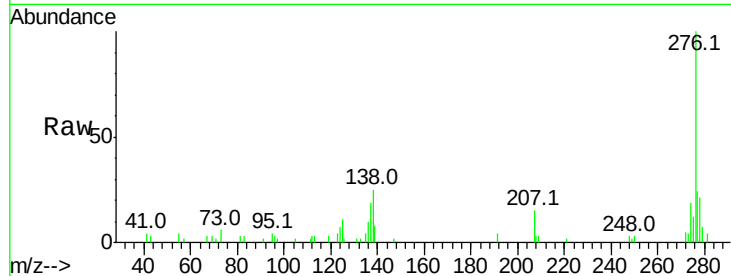
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.47 ng
RT: 21.72 min Scan# 3363
Delta R.T. 0.02 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	27.8	41.6#
277	27.9	20.2	30.4

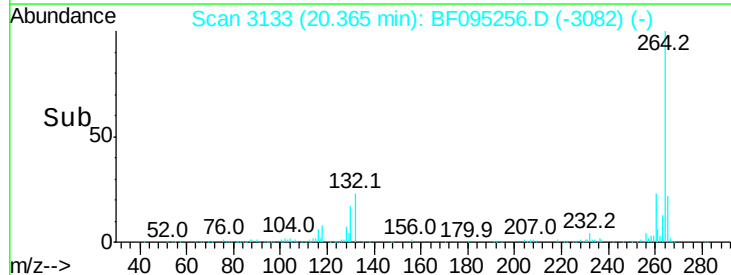
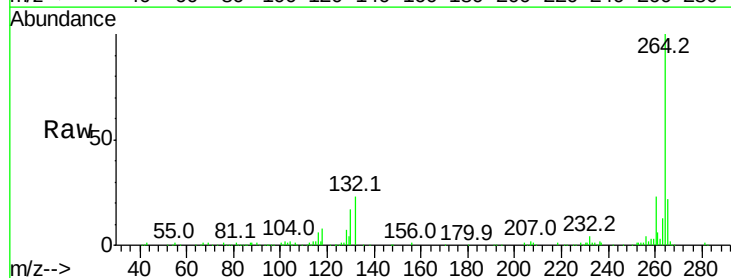
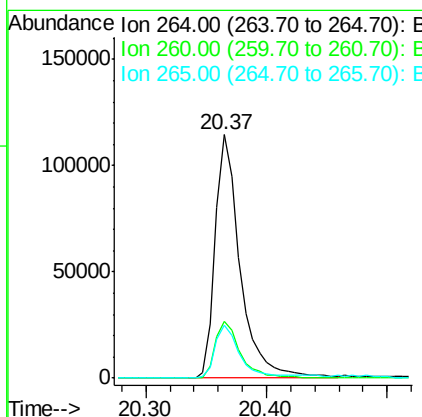
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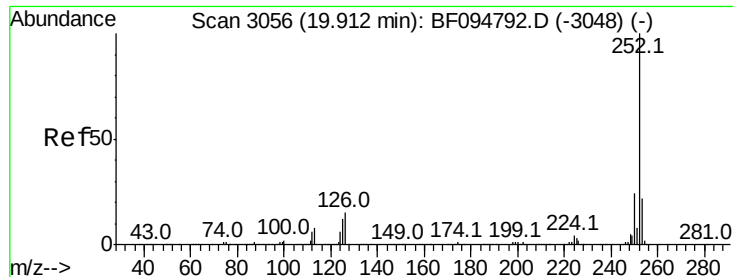
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.7	17.2	25.8





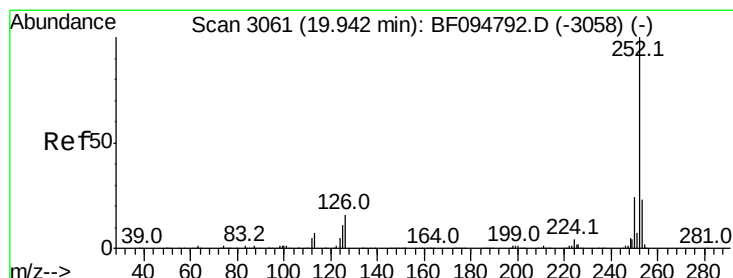
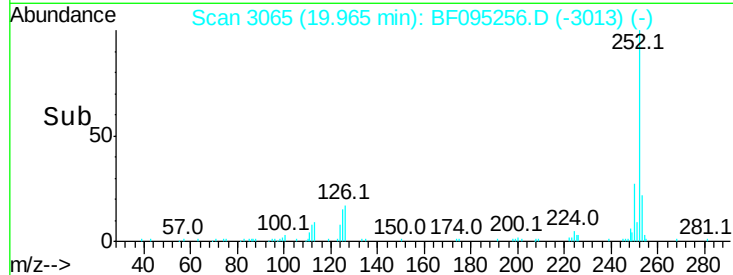
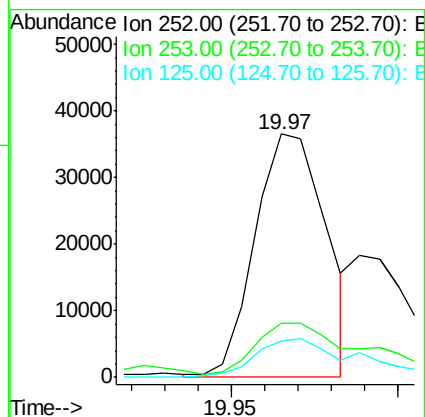
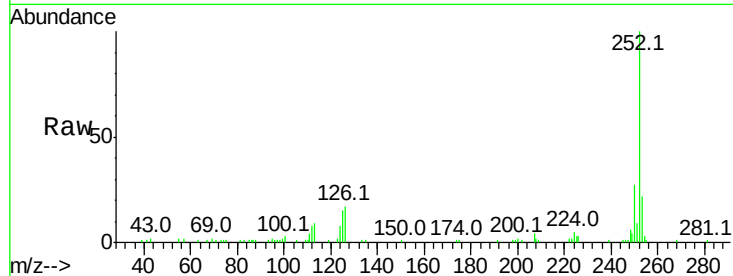
#87
Benzo(b)fluoranthene
Concen: 5.34 ng m
RT: 19.97 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	18.1	27.1
125	15.1	9.8	14.8

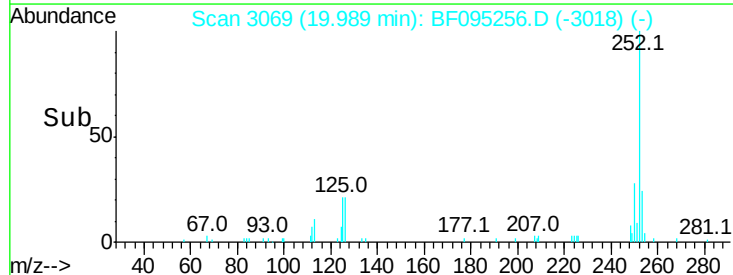
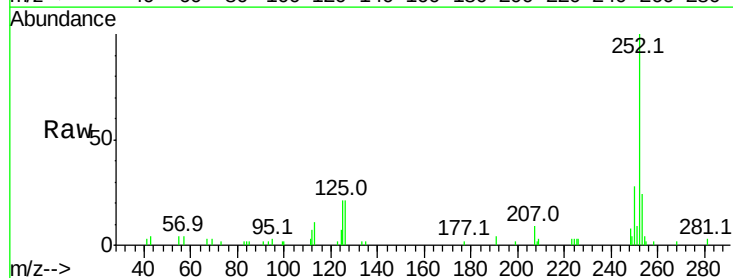
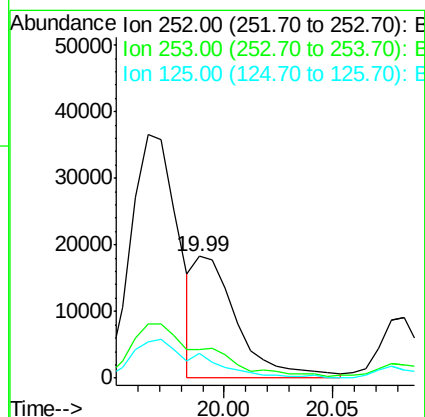
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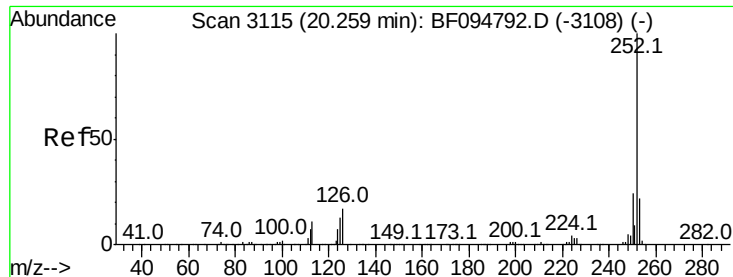
mohammad
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#88
Benzo(k)fluoranthene
Concen: 2.58 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	18.4	27.6
125	20.6	13.1	19.7





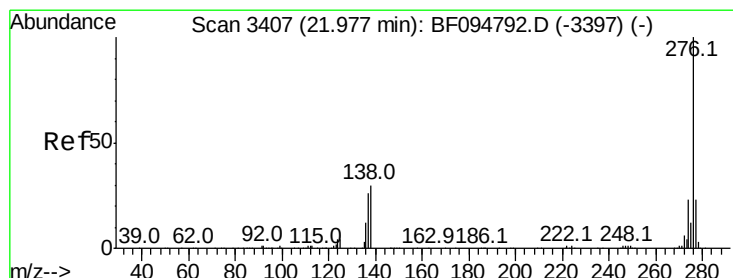
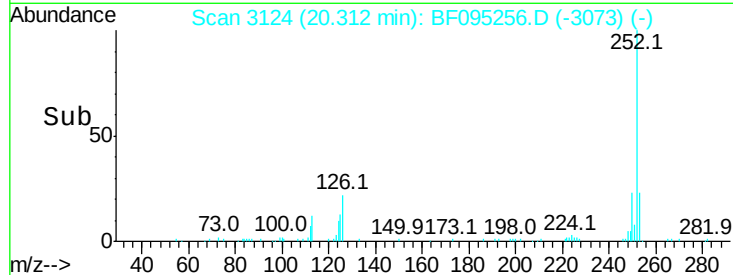
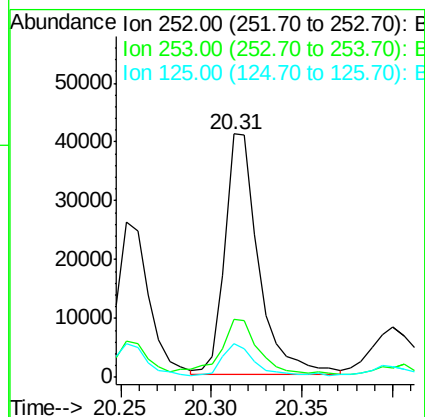
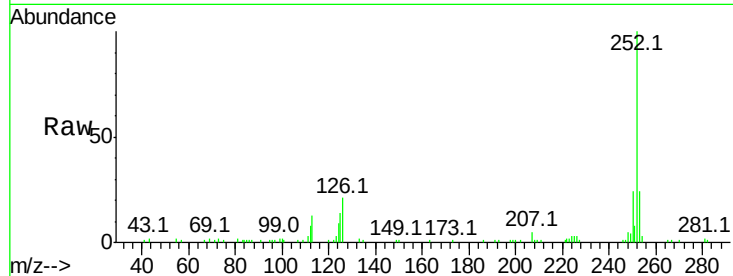
#89
Benzo(a)pyrene
Concen: 5.71 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

Tot Ion:	252	Resp:	53480
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	13.8	11.0	16.4

Manual Integrations
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5/19/2017 3:40:48 PM



#91
Benzo(g,h,i)perylene
Concen: 4.50 ng
RT: 22.11 min Scan# 3429
Delta R.T. 0.02 min
Lab File: BF095256.D
Acq: 19 May 2017 9:57

Tgt Ion:	276	Resp:	34195
Ion Ratio	Lower	Upper	
276	100		
277	27.0	18.6	28.0
138	29.9	25.4	38.0

