

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095543.D
 Acq On : 30 May 2017 19:20
 Operator : SJ/MA
 Sample : I3302-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM2-COMP-0-6

Manual Integrations
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Quant Time: May 31 04:15:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	108570	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	416702	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	164083	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	243493	20.00	ng	0.00
75) Chrysene-d12	18.67	240	244707	20.00	ng	0.00
86) Perylene-d12	20.35	264	185862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	561839	86.28	ng	0.00
7) Phenol-d6	7.30	99	538980	68.98	ng	0.00
23) Nitrobenzene-d5	8.64	82	370590	56.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	98565	73.35	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	736199	64.58	ng	0.00
78) Terphenyl-d14	17.31	244	458474	41.27	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	103794	7.71	ng	99
70) Phenanthrene	15.04	178	57892	4.14	ng	95
74) Fluoranthene	16.78	202	126407	8.81	ng	99
77) Pyrene	17.08	202	123215	6.73	ng	96
79) Butylbenzylphthalate	17.97	149	77101	9.06	ng	# 86
80) Benzo(a)anthracene	18.66	228	64947m	4.56	ng	
82) Chrysene	18.71	228	64533	4.69	ng	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	27842	2.30	ng	97
85) Indeno(1,2,3-cd)pyrene	21.70	276	26375	2.36	ng	90
87) Benzo(b)fluoranthene	19.95	252	81071m	7.06	ng	
88) Benzo(k)fluoranthene	19.97	252	24496m	2.21	ng	
89) Benzo(a)pyrene	20.30	252	52545	4.96	ng	96
91) Benzo(g,h,i)perylene	22.09	276	25880	3.01	ng	# 89

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

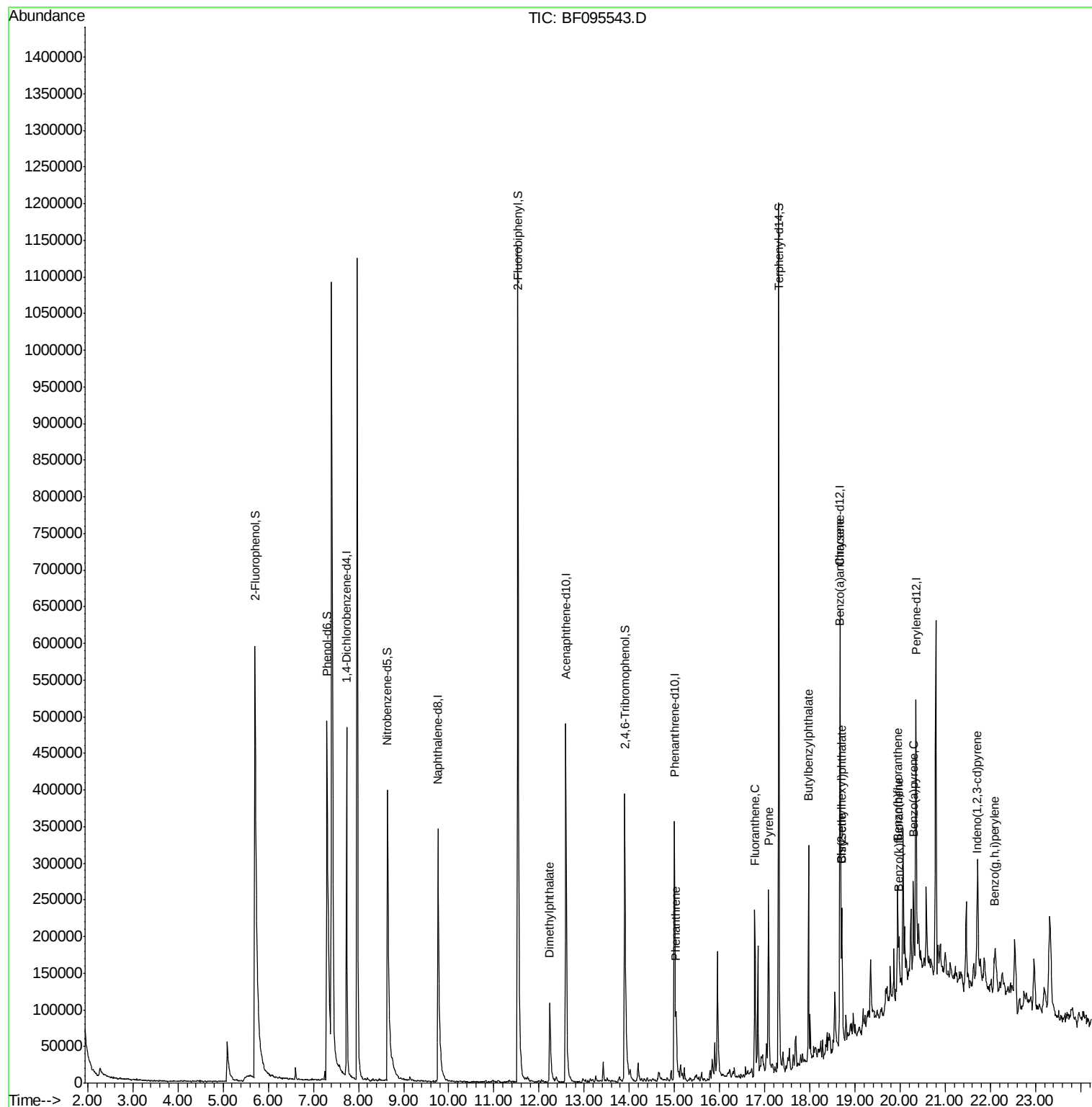
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095543.D
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Operator : SJ/MA
Sample : I3302-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

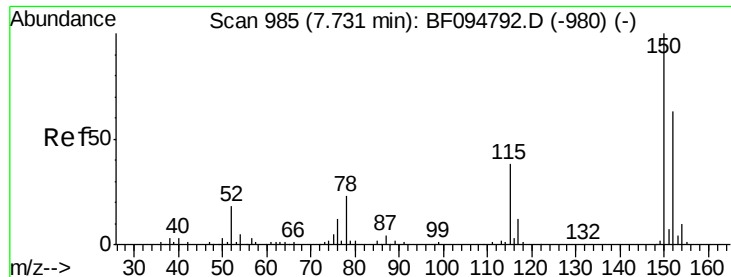
Instrument :
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#1

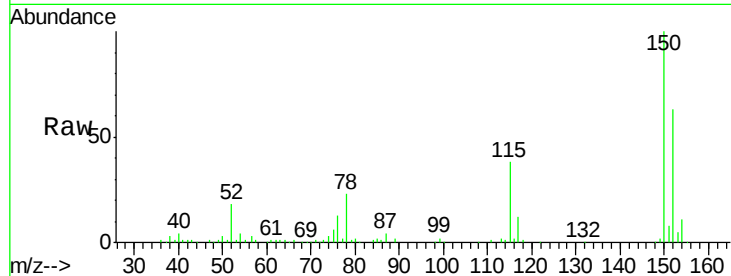
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-0-6

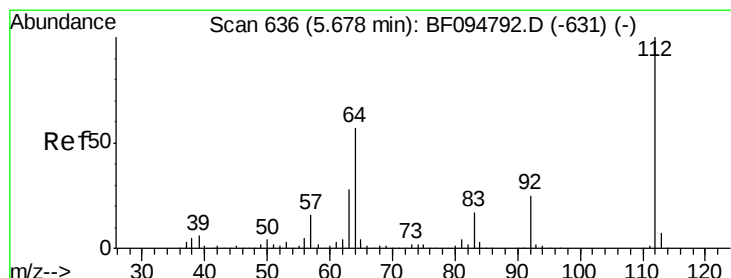
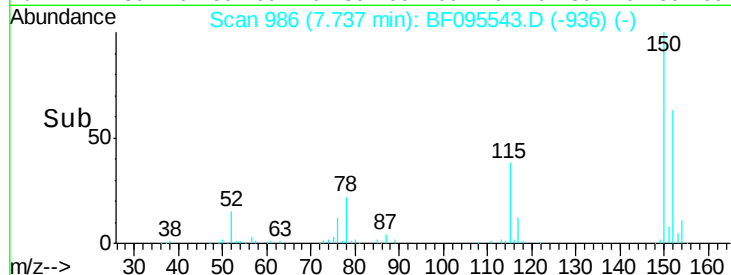
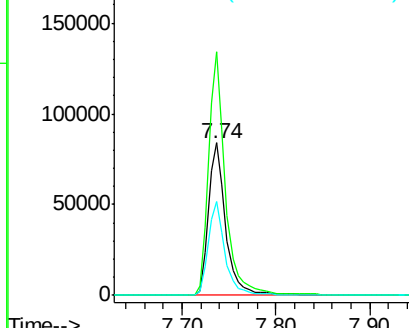
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	61.1	52.2	78.2

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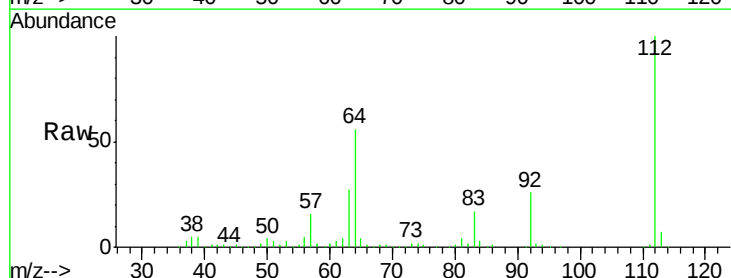
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



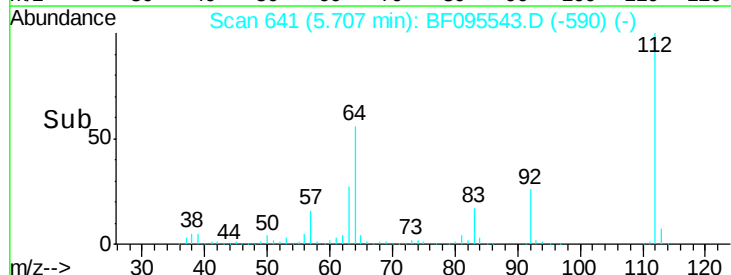
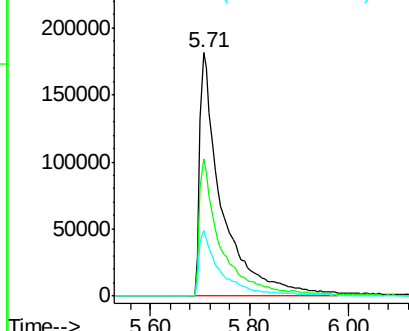
#5

2-Fluorophenol
Concen: 86.28 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.0	69.0
63	27.0	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: 68.98 ng

RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF095543.D

Acq: 30 May 2017 19:20

Instrument :

BNA_F

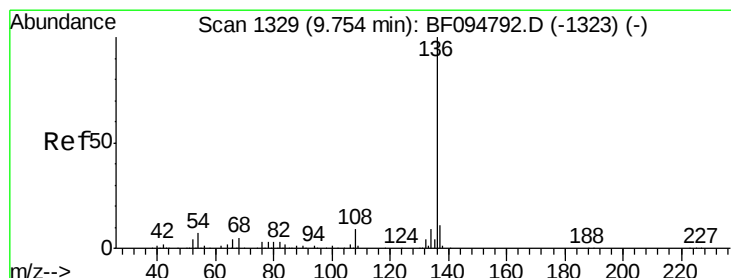
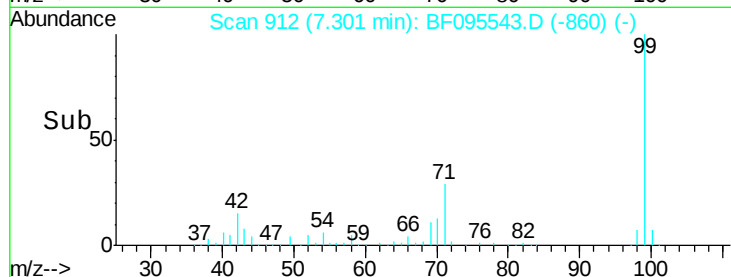
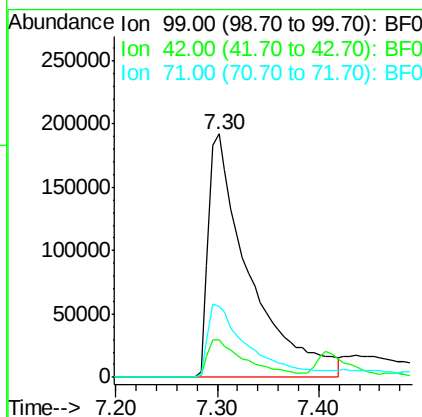
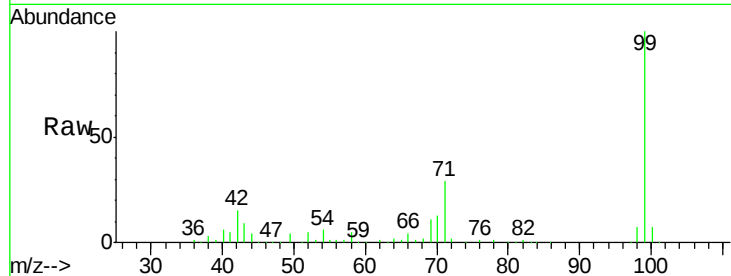
ClientSampleId :

NM2-COMP-0-6

Tgt Ion:	99	Resp:	538980
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	29.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

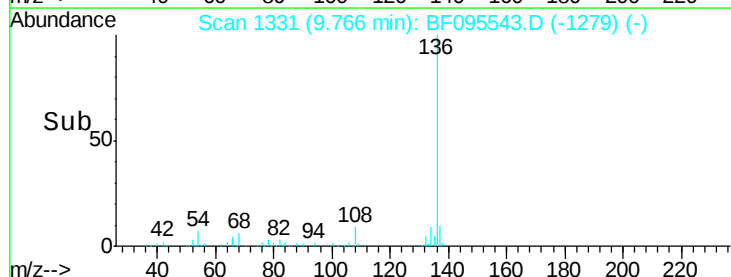
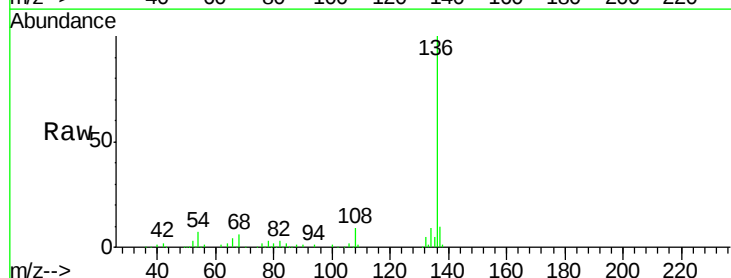
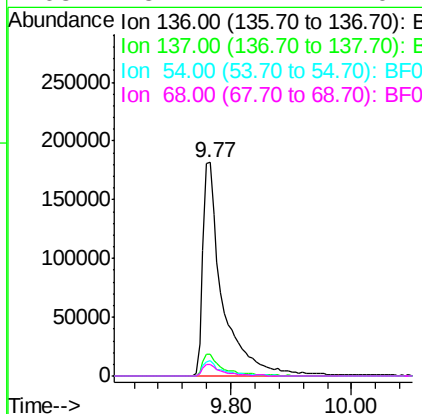
RT: 9.77 min Scan# 1331

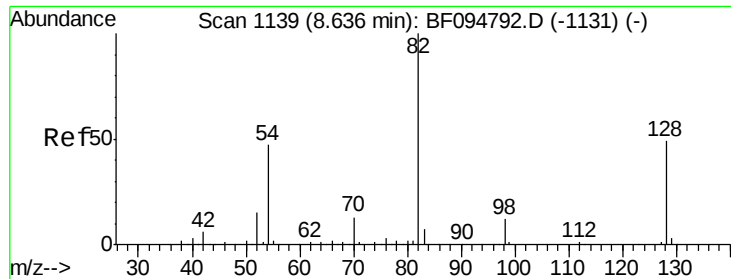
Delta R.T. 0.01 min

Lab File: BF095543.D

Acq: 30 May 2017 19:20

Tgt Ion:	136	Resp:	416702
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.5	12.7
54	6.9	4.9	7.3
68	5.7	4.1	6.1





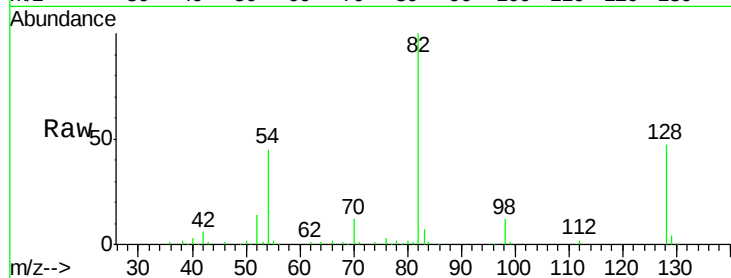
#23
Nitrobenzene-d5
Concen: 56.08 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-0-6

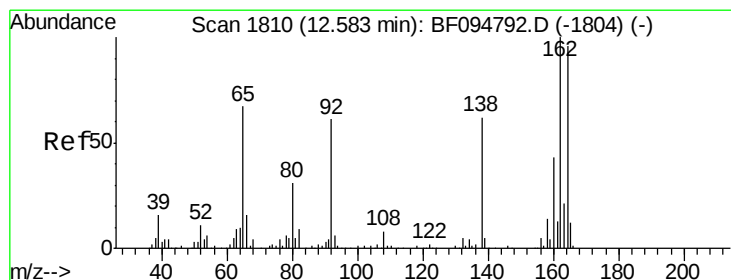
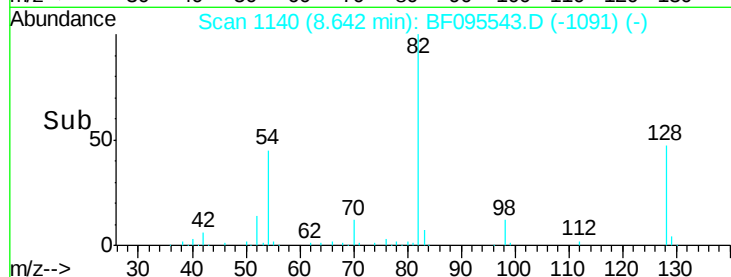
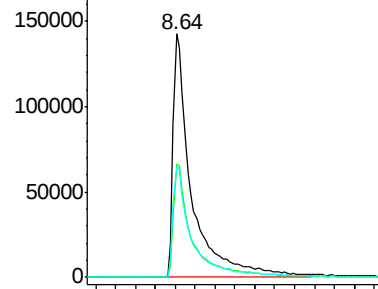
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	370590		
128	46.6	34.0	51.0	
54	45.2	42.2	63.2	

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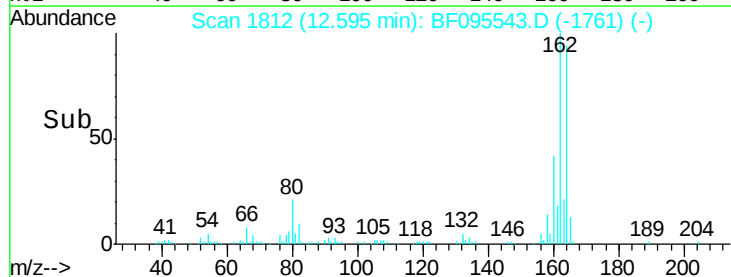
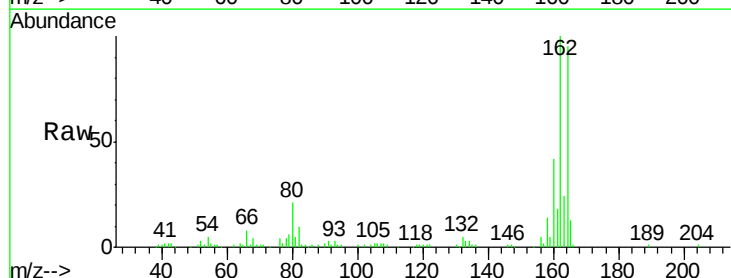
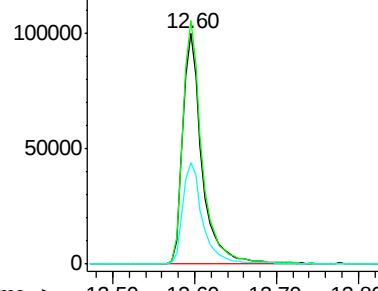
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	164083		
162	105.7	82.6	123.8	
160	44.3	36.2	54.2	

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





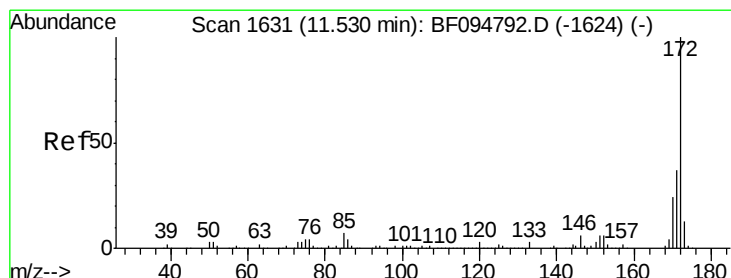
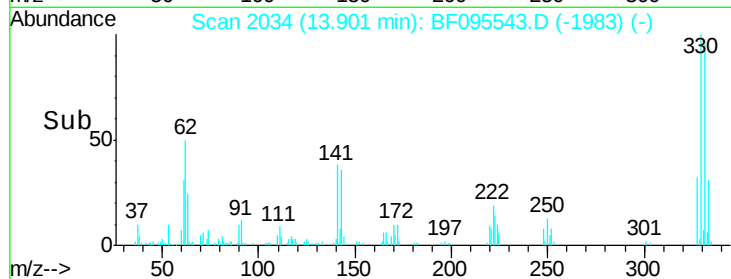
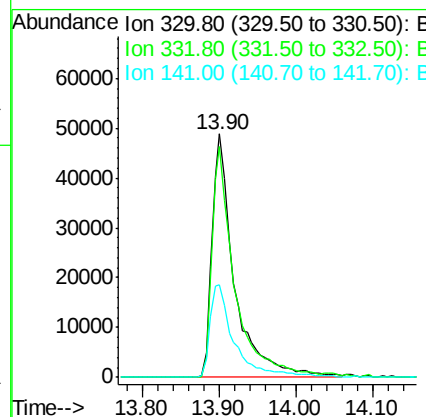
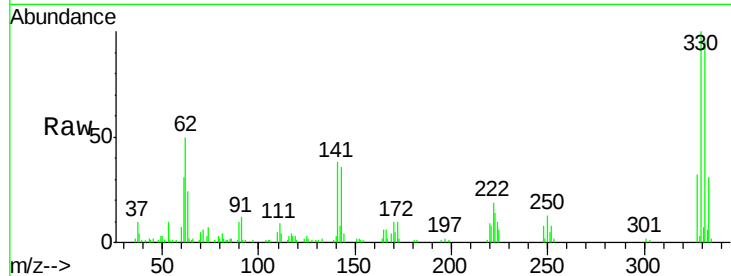
#41
 2,4,6-Tribromophenol
 Concen: 73.35 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095543.D
 Acq: 30 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 NM2-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	41.1	31.4	47.2

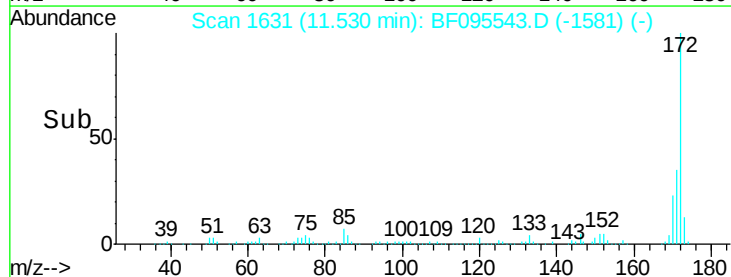
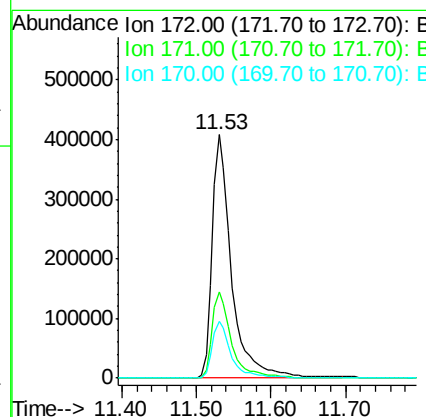
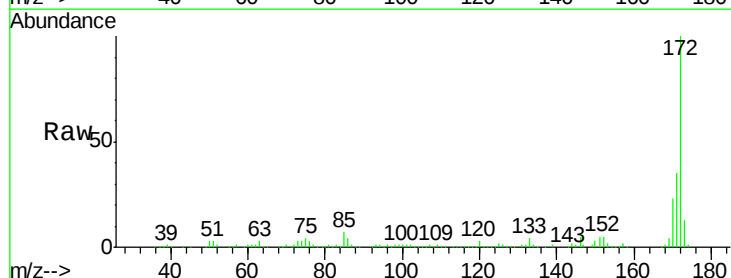
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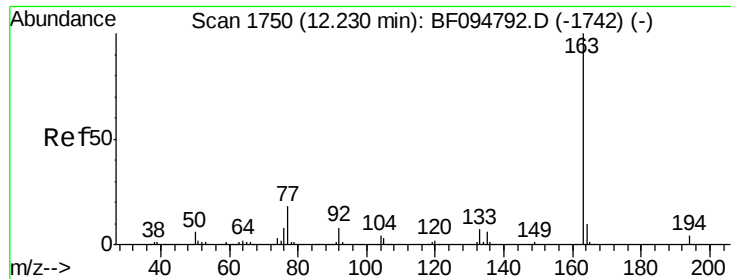
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#44
 2-Fluorobiphenyl
 Concen: 64.58 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095543.D
 Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.1	19.8	29.8





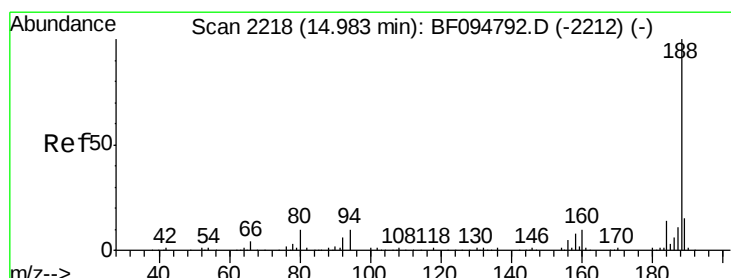
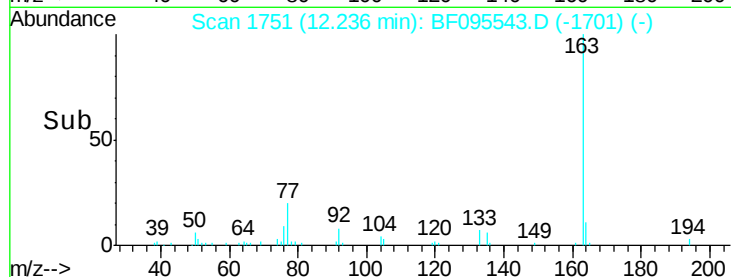
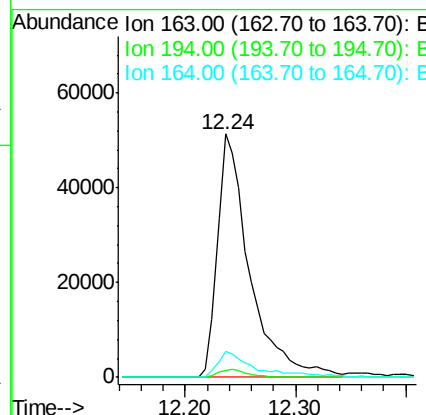
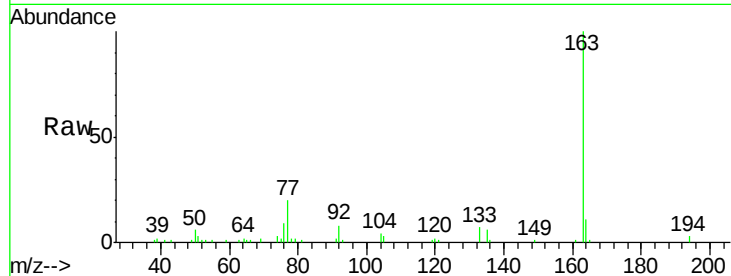
#49
Dimethylphthalate
Concen: 7.71 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	103794		
194	3.0	2.6	4.0	
164	10.9	8.4	12.6	

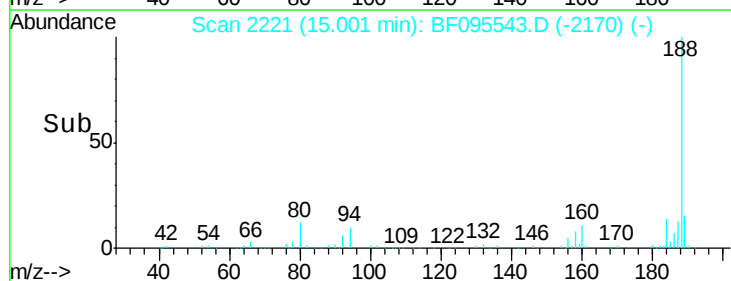
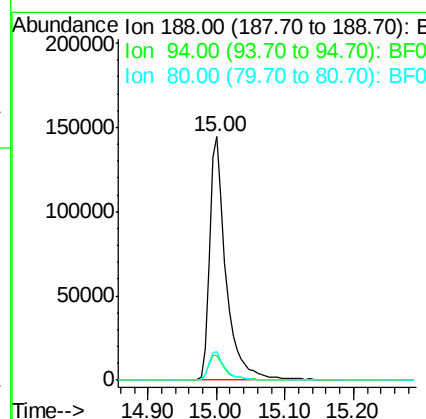
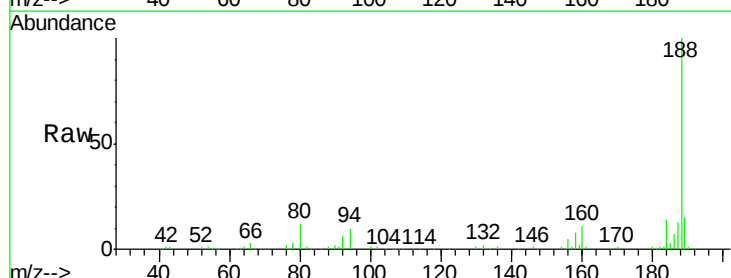
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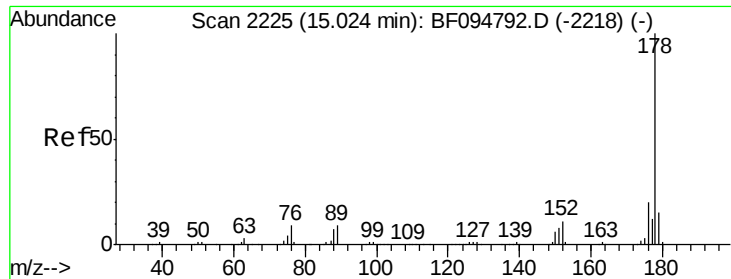
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	243493		
94	10.0	9.4	14.2	
80	11.9	10.2	15.2	





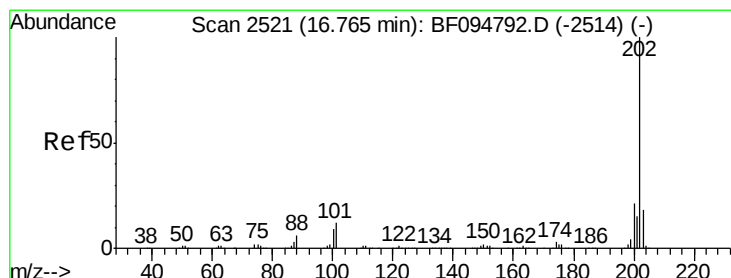
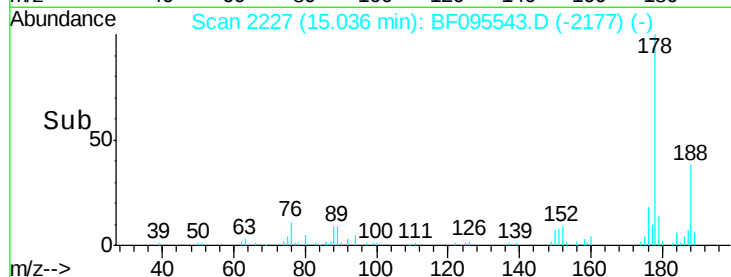
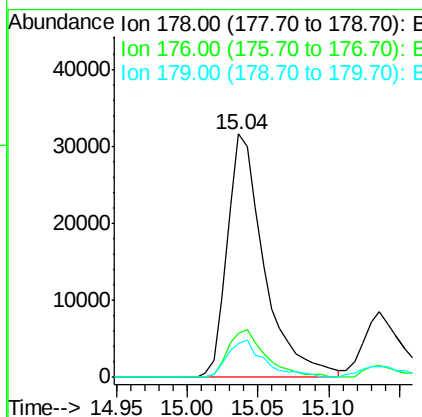
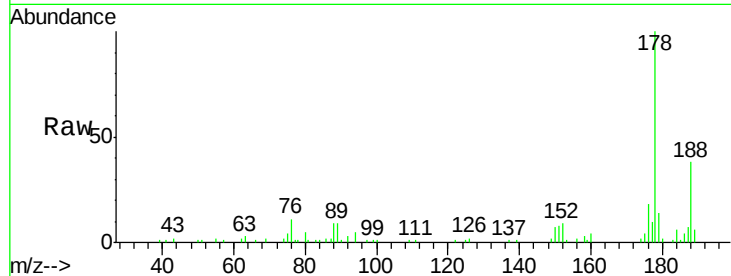
#70
Phenanthrene
Concen: 4.14 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	14.1	12.6	19.0

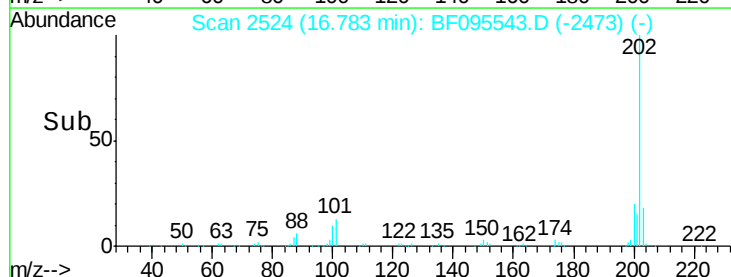
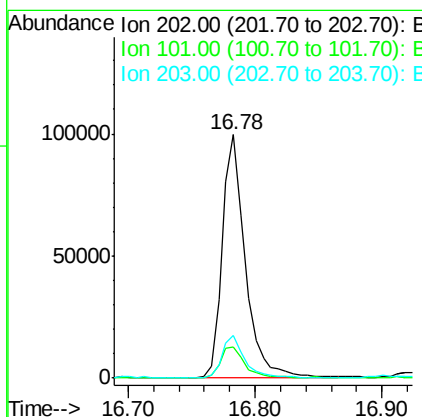
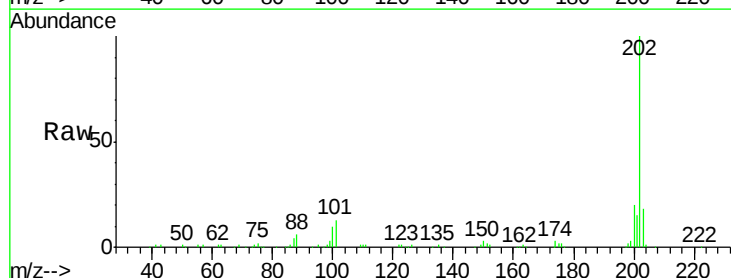
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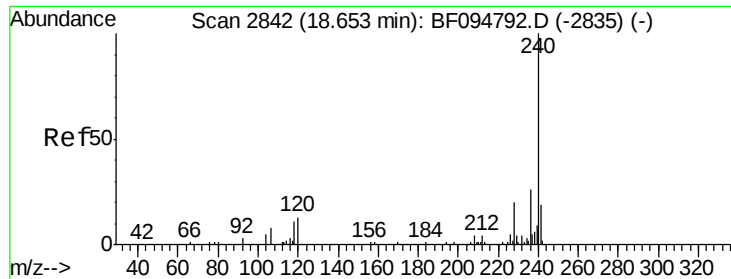
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#74
Fluoranthene
Concen: 8.81 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095543.D

Acq: 30 May 2017 19:20

Instrument :

BNA_F

ClientSampleId :

NM2-COMP-0-6

Tgt Ion:240 Resp: 244707
Ion Ratio Lower Upper

240 100

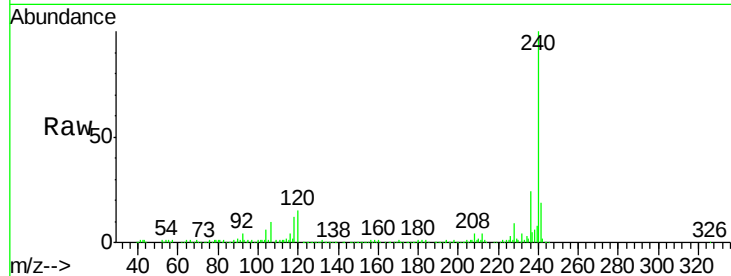
120 14.6 5.8 8.8#

236 24.3 20.5 30.7

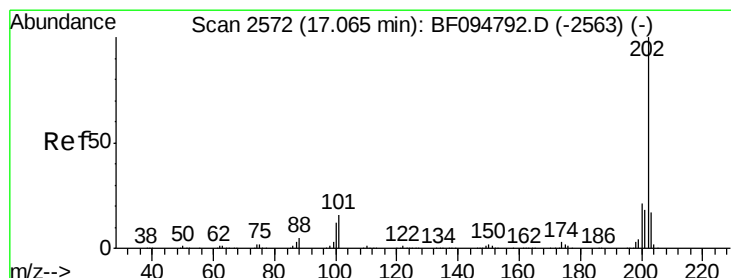
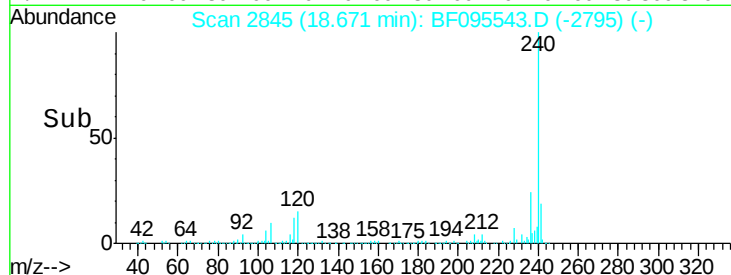
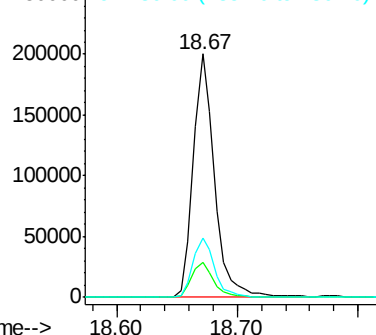
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.73 ng

RT: 17.08 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095543.D

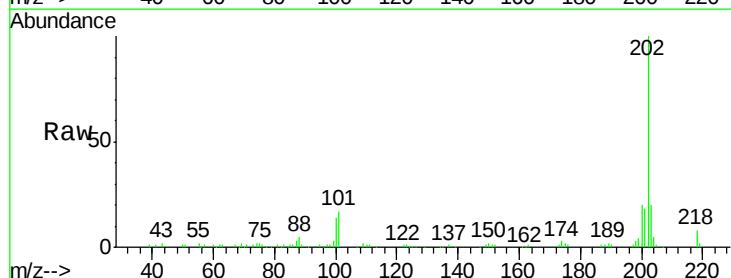
Acq: 30 May 2017 19:20

Tgt Ion:202 Resp: 123215
Ion Ratio Lower Upper

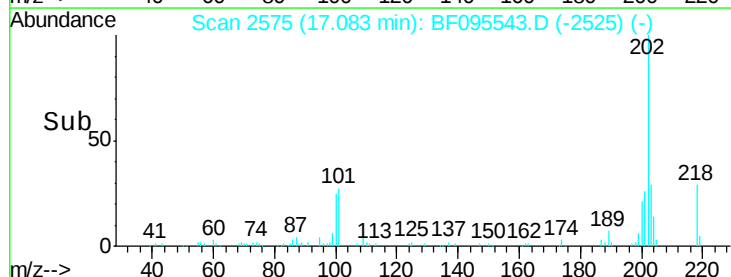
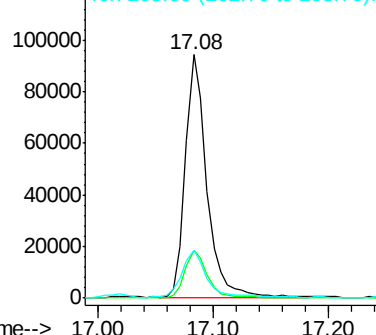
202 100

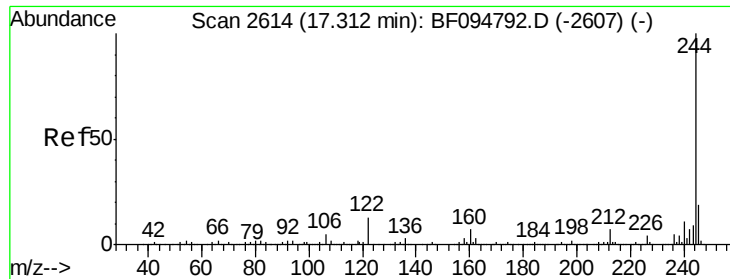
200 19.8 17.6 26.4

203 19.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





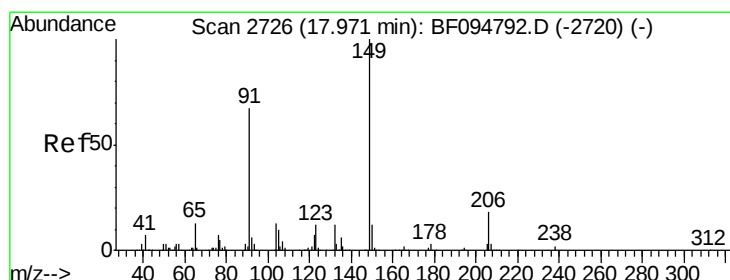
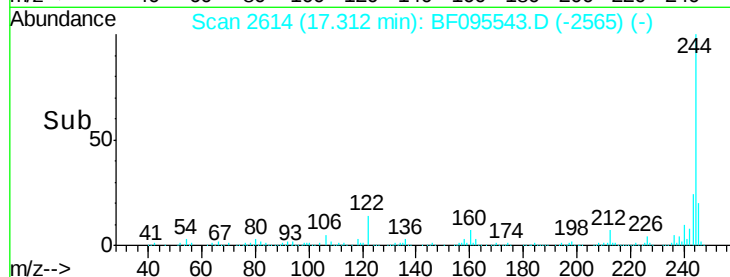
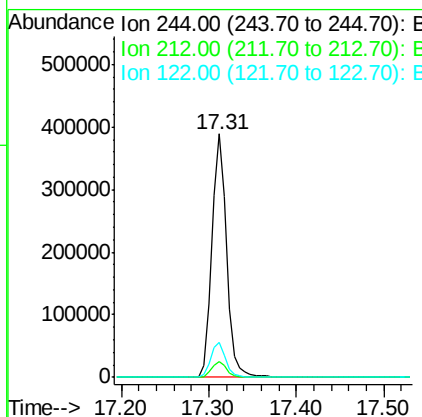
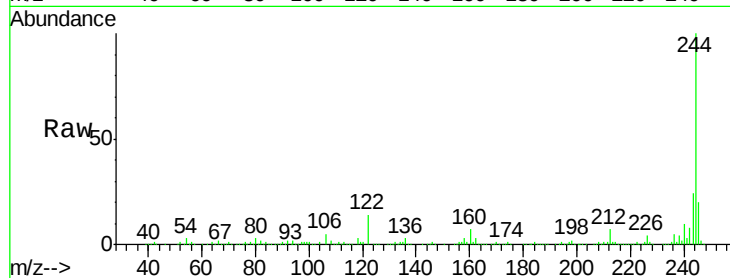
#78
 Terphenyl-d14
 Concen: 41.27 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095543.D
 Acq: 30 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 NM2-COMP-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	458474		
212	6.7	6.0	9.0	
122	14.3	10.3	15.5	

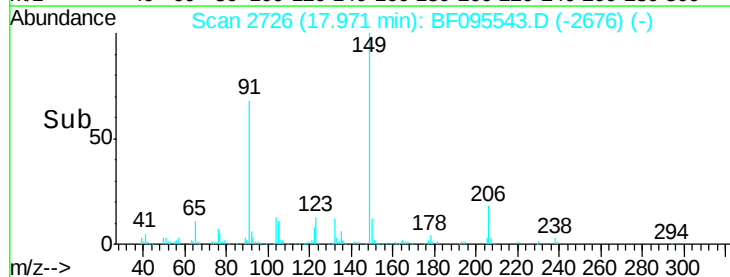
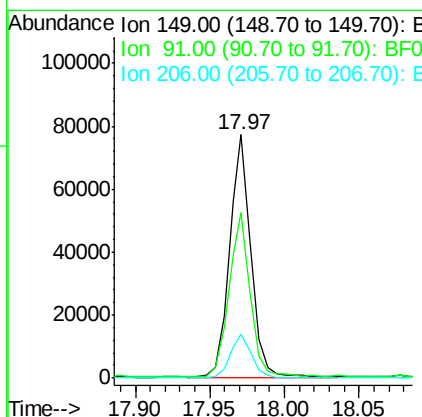
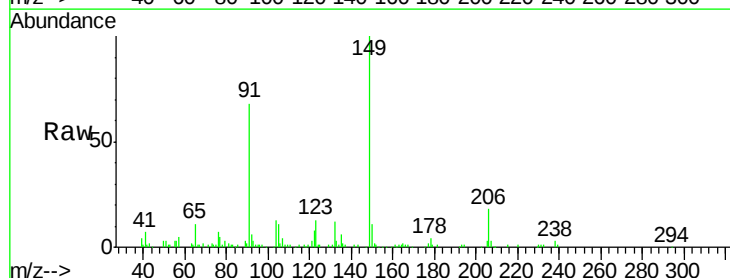
Manual Integrations
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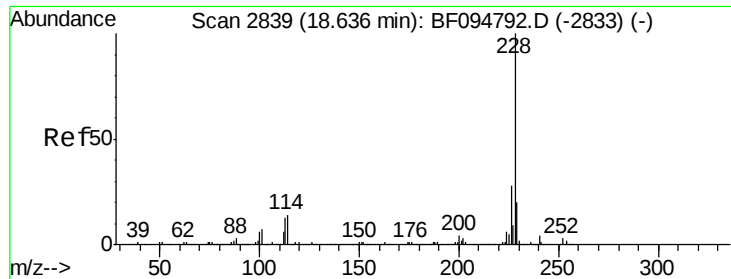
mohammad
 5/31/2017 5:02:43 PM



#79
 Butylbenzylphthalate
 Concen: 9.06 ng
 RT: 17.97 min Scan# 2726
 Delta R.T. -0.01 min
 Lab File: BF095543.D
 Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	77101		
91	68.0	45.0	67.4#	
206	18.2	17.0	25.6	





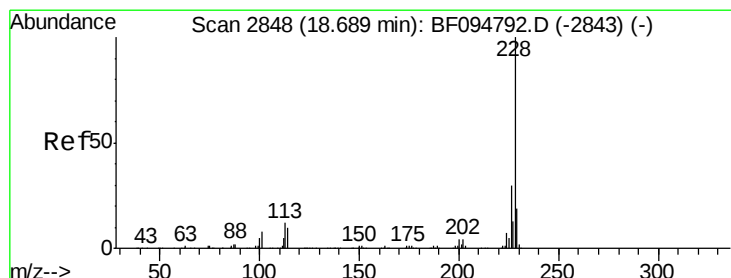
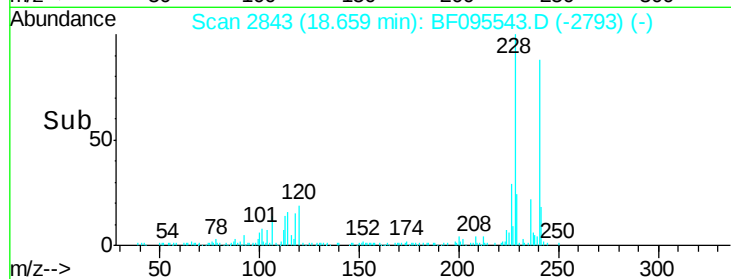
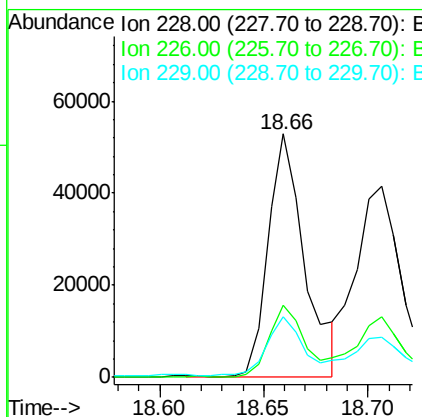
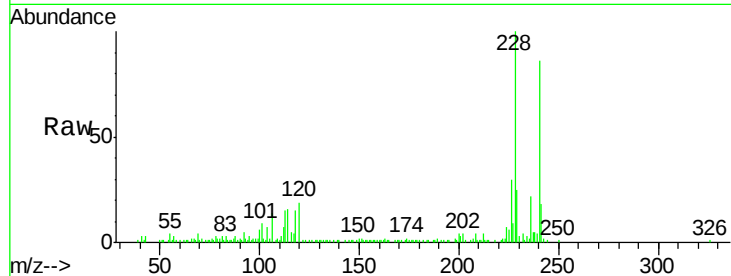
#80
Benzo(a)anthracene
Concen: 4.56 ng m
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	24.8	16.3	24.5

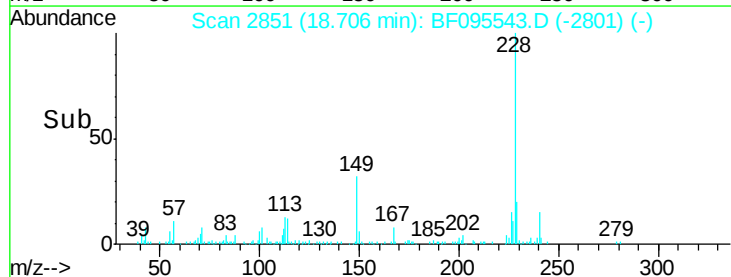
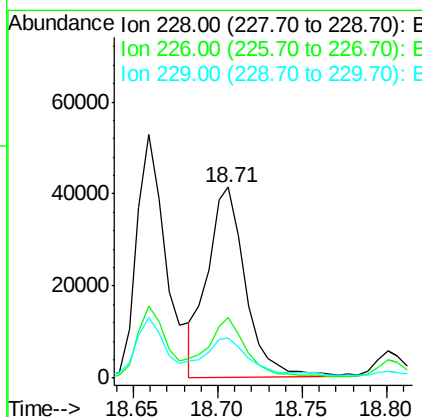
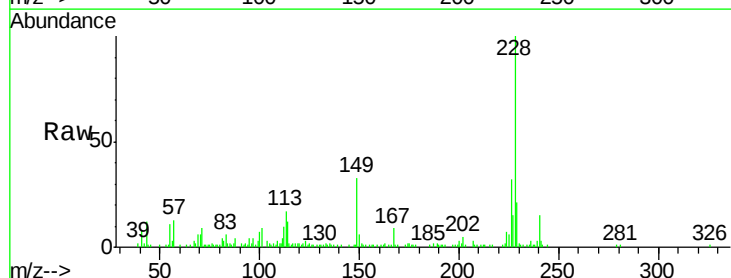
Manual Integrations
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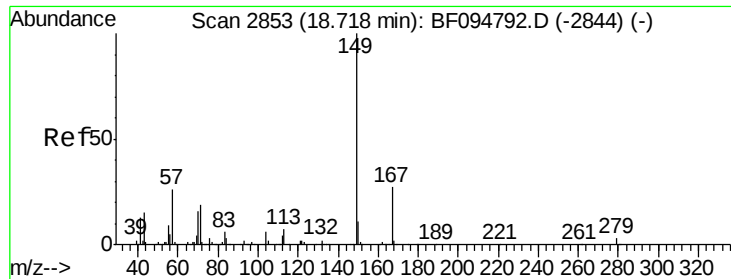
mohammad
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#82
Chrysene
Concen: 4.69 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.8	15.8	23.6





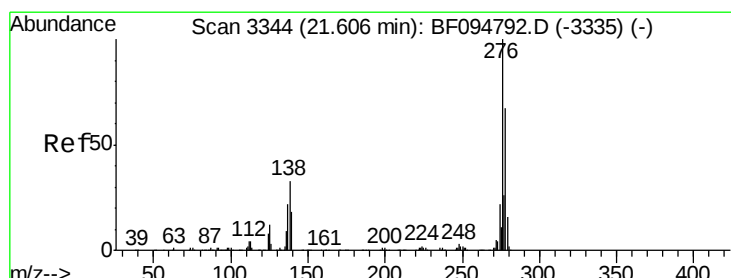
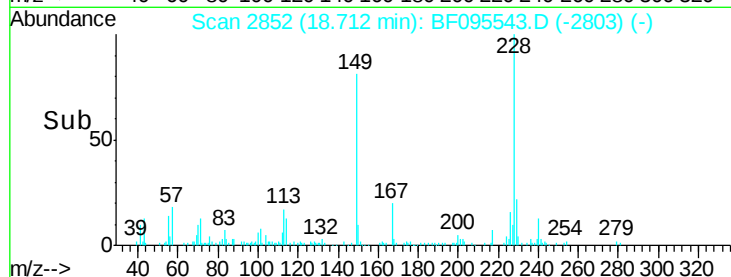
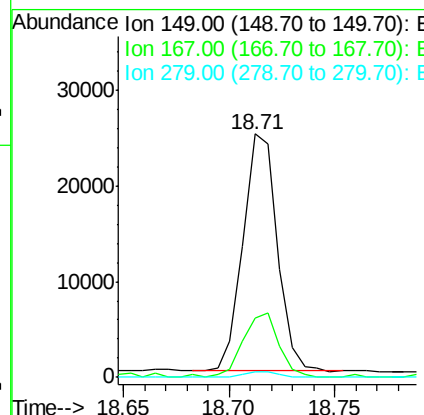
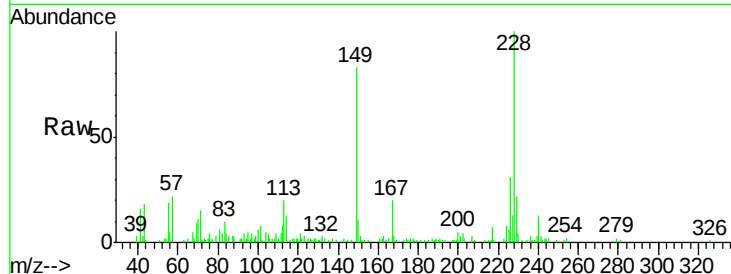
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.30 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	27842		
167	24.3	21.0	31.4	
279	2.3	1.9	2.9	

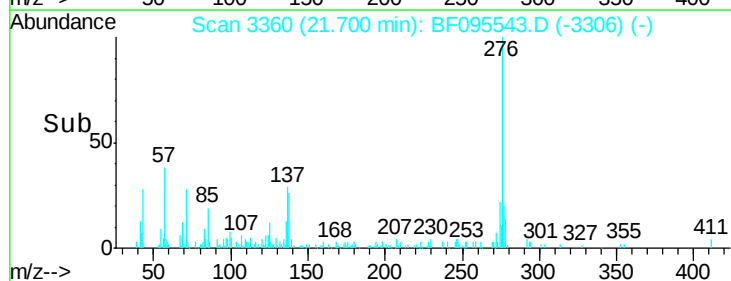
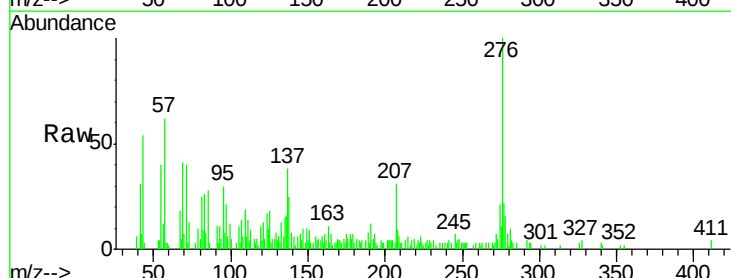
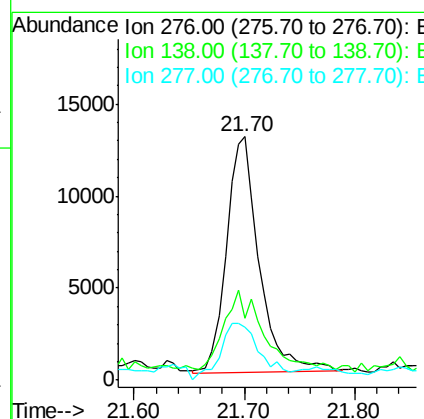
Manual Integrations
APPROVED

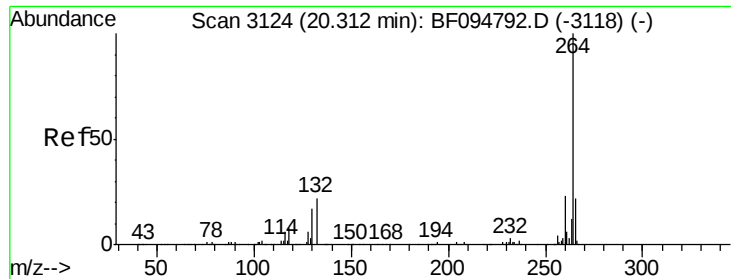
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.36 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.02 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	26375		
138	40.4	27.8	41.6	
277	29.9	20.2	30.4	





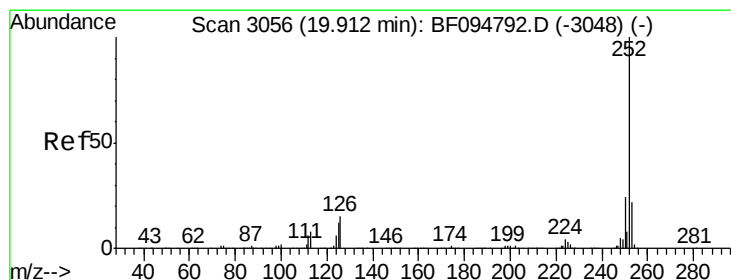
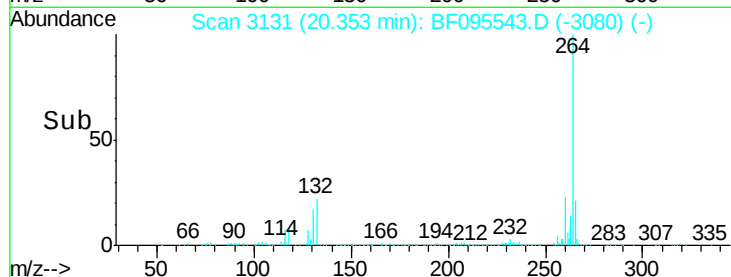
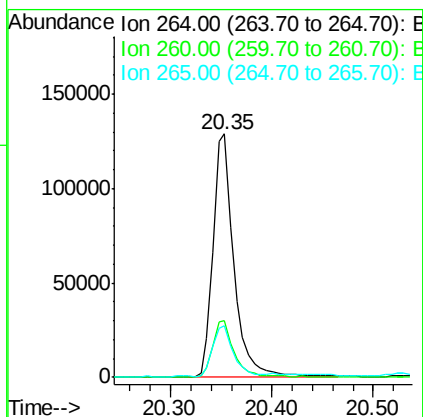
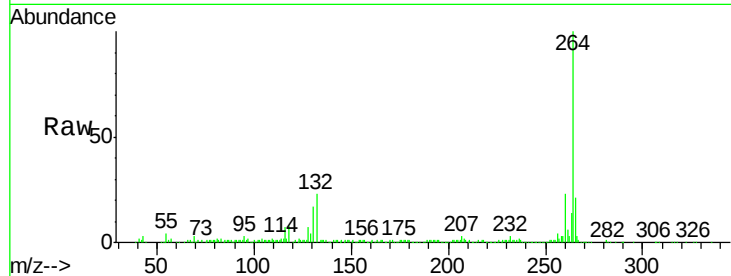
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.9	17.2	25.8

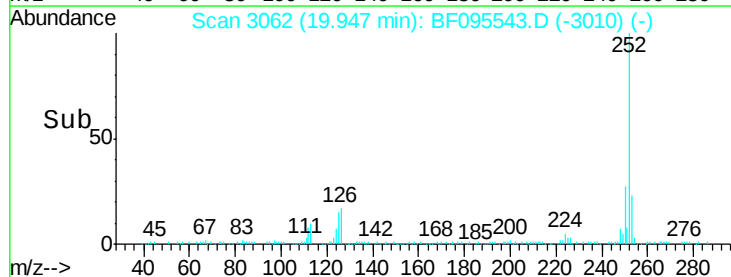
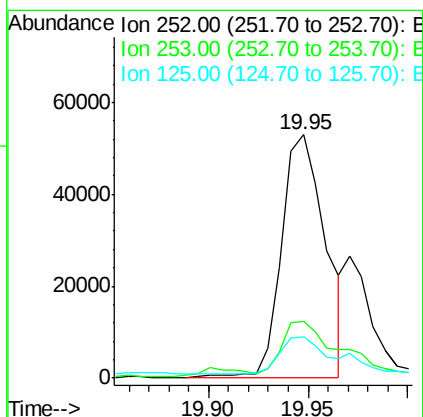
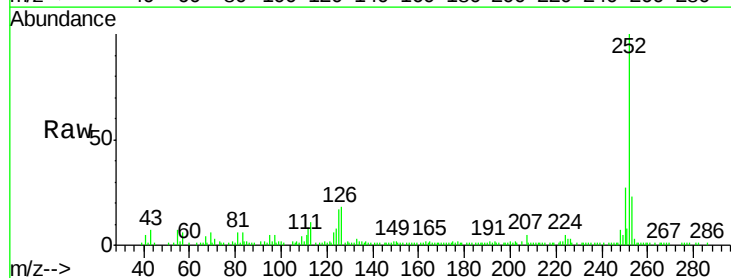
Manual Integrations
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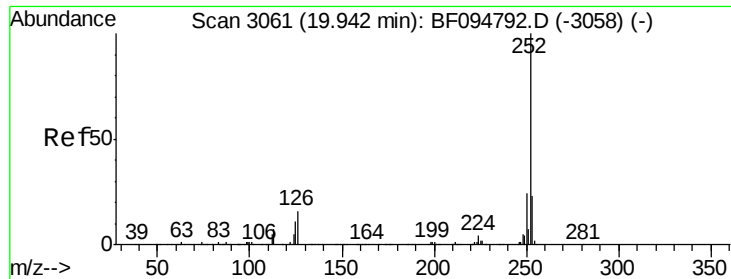
mohammad
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#87
Benzo(b)fluoranthene
Concen: 7.06 ng m
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	16.9	9.8	14.8#





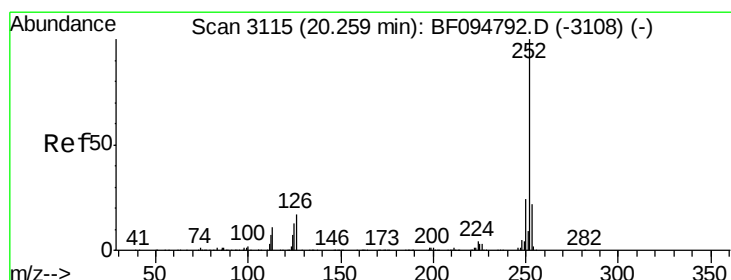
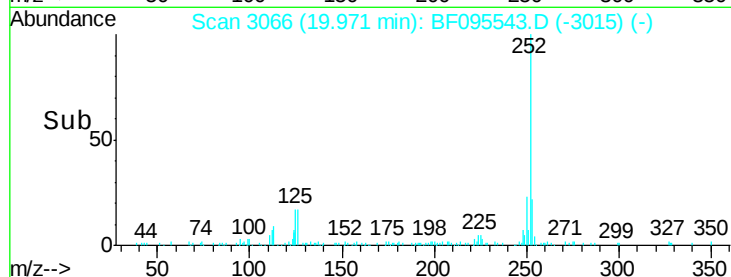
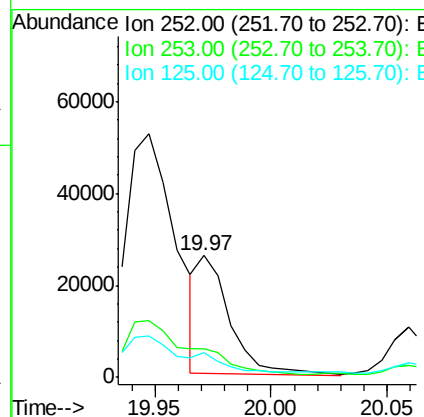
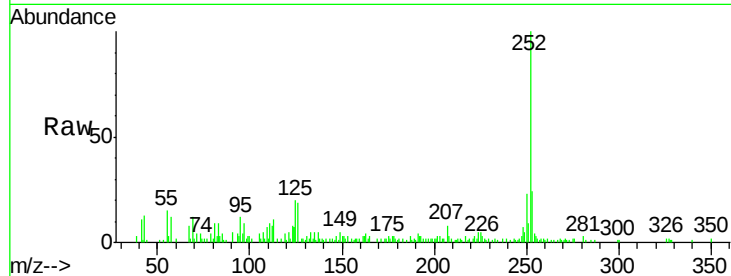
#88
Benzo(k)fluoranthene
Concen: 2.21 ng m
RT: 19.97 min Scan# 3066
Delta R.T. 0.00 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	20.2	13.1	19.7

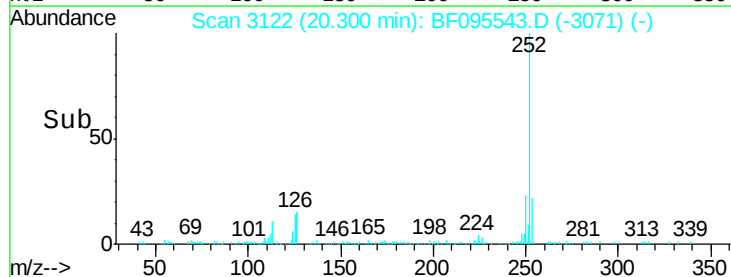
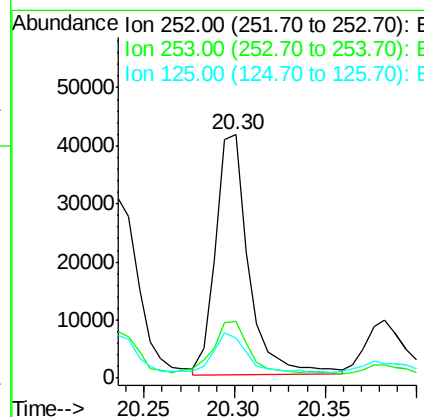
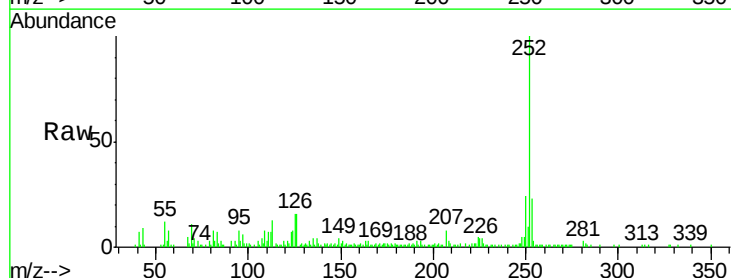
Manual Integrations
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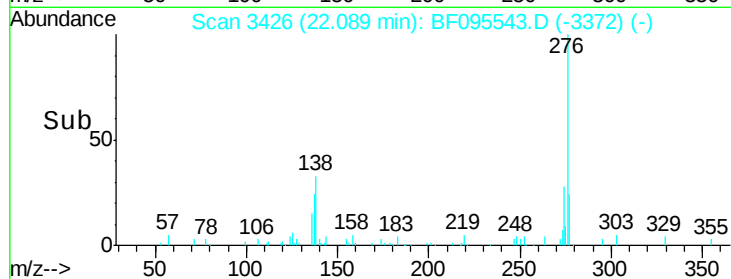
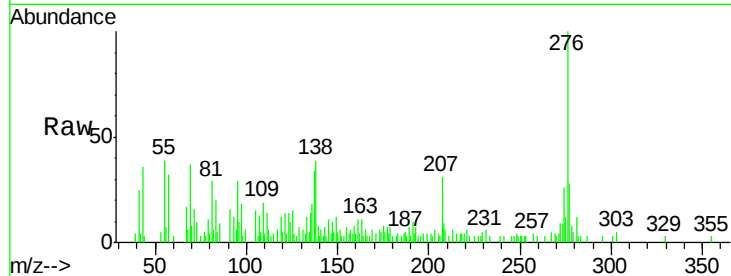
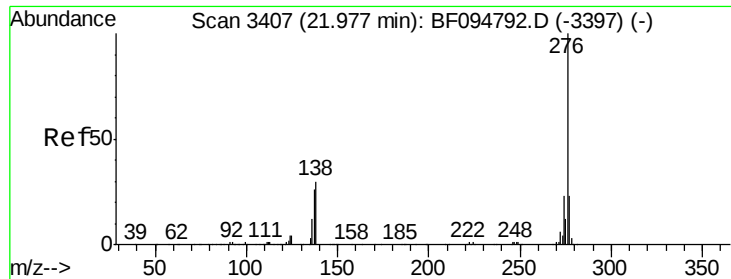
mohammad
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#89
Benzo(a)pyrene
Concen: 4.96 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095543.D
Acq: 30 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	16.2	11.0	16.4





#91

Benzo(g,h,i)perylene

Concen: 3.01 ng

RT: 22.09 min Scan# 3426

Delta R.T. 0.02 min

Lab File: BF095543.D

Acq: 30 May 2017 19:20

Instrument :

BNA_F

ClientSampleId :

NM2-COMP-0-6

Tgt Ion: 276 Resp: 25880

Ion Ratio Lower Upper

276 100

277 27.9 18.6 28.0

138 38.6 25.4 38.0#

Manual Integrations

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