

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094922.D
 Acq On : 5 May 2017 18:00
 Operator : SJ/MA
 Sample : I2930-01DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMPDL

Manual Integrations
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Quant Time: May 05 18:40:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	90587	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	358455	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	172131	20.00	ng	-0.01
63) Phenanthrene-d10	14.98	188	287191	20.00	ng	0.00
75) Chrysene-d12	18.64	240	281653	20.00	ng	-0.02
86) Perylene-d12	20.30	264	192366	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	54099m	9.96	ng	0.01
7) Phenol-d6	7.28	99	69345	10.64	ng	0.00
23) Nitrobenzene-d5	8.62	82	41320	7.27	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	13613	9.66	ng	0.00
44) 2-Fluorobiphenyl	11.51	172	91059	7.61	ng	-0.02
78) Terphenyl-d14	17.29	244	83462	6.53	ng	-0.02
Target Compounds						
31) Naphthalene	9.77	128	65636	3.64	ng	# 92
37) 2-Methylnaphthalene	10.91	142	710815	60.12	ng	98
57) Fluorene	13.47	166	80200	6.09	ng	# 98
70) Phenanthrene	15.01	178	281644	17.07	ng	98

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

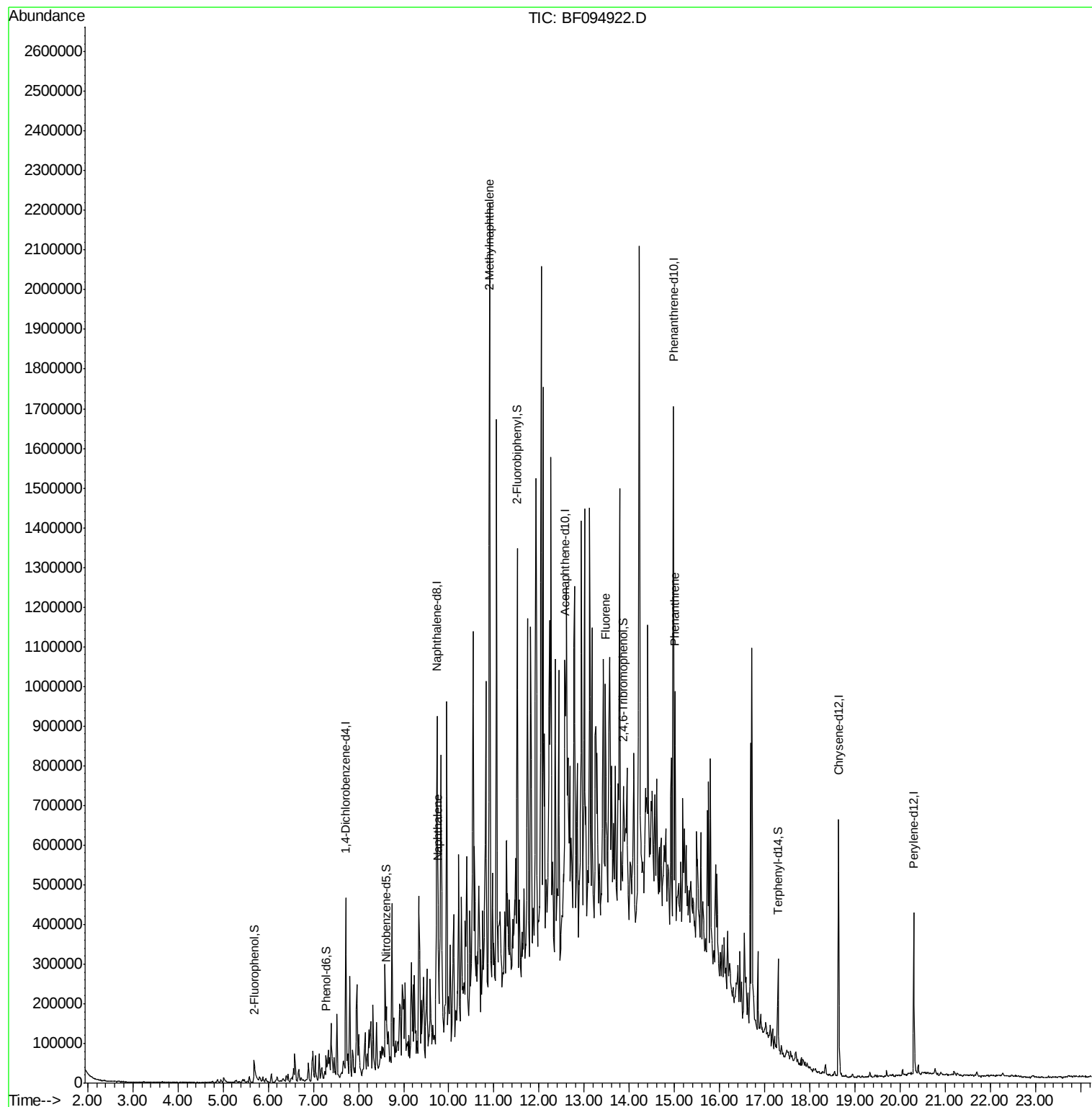
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
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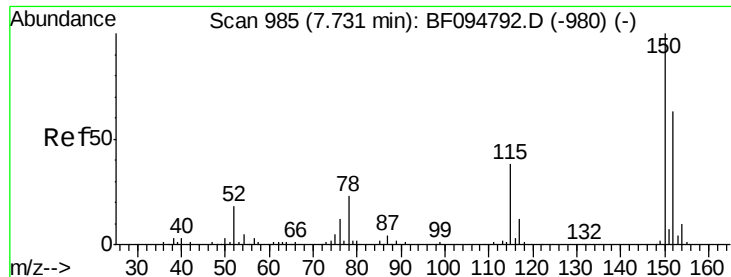
Instrument :
BNA_F
ClientSampleId :
RO-1-COMPDL

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#1

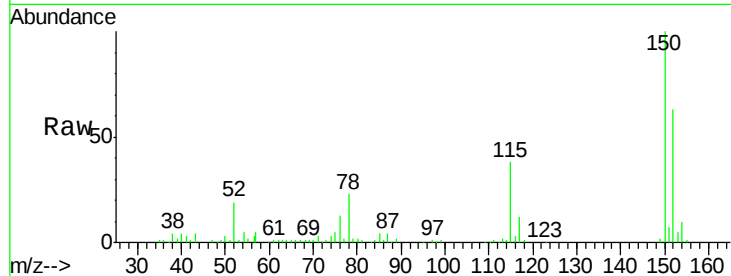
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :
RO-1-COMPDL

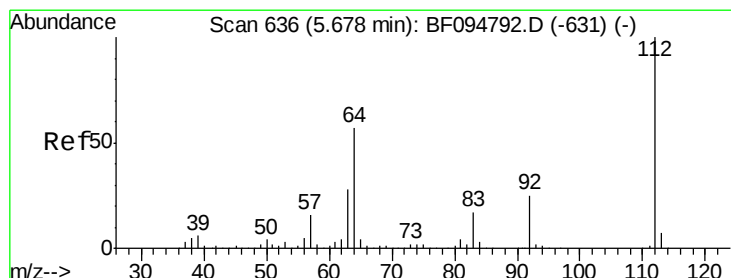
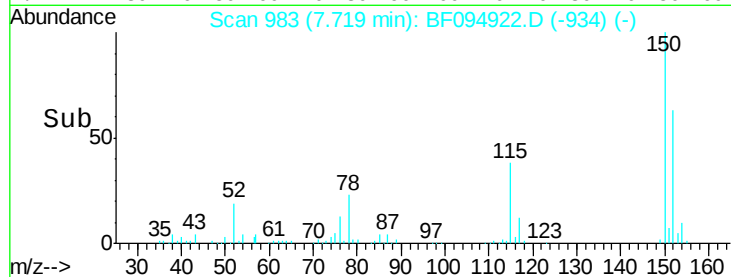
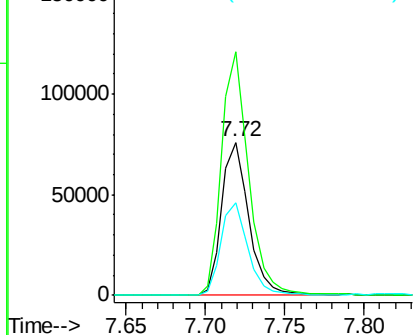
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	60.5	52.2	78.2

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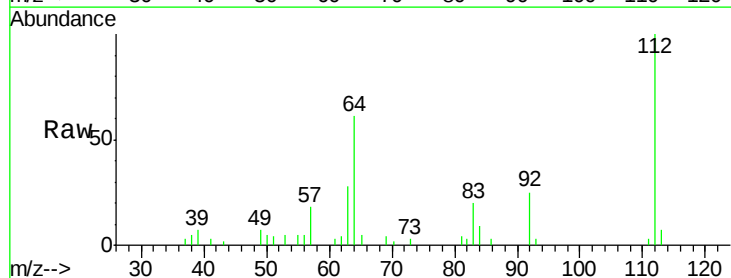
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



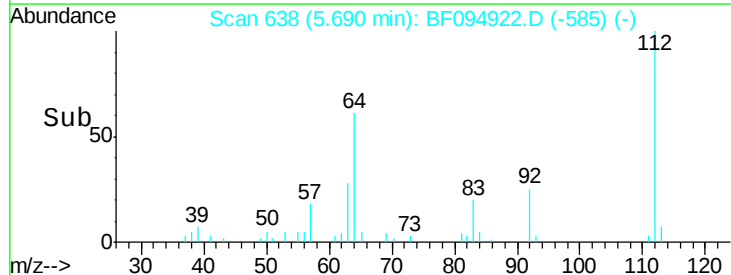
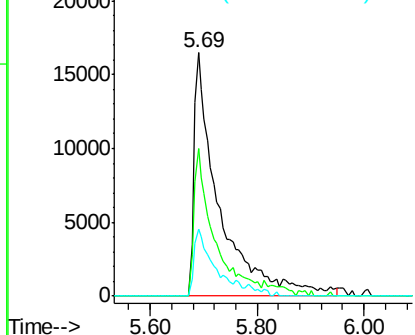
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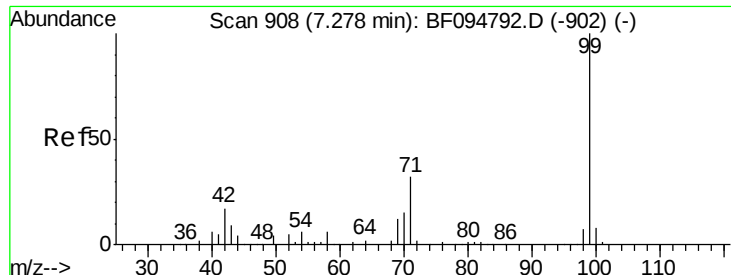
2-Fluorophenol
Concen: 9.96 ng m
RT: 5.69 min Scan# 638
Delta R.T. 0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.0	69.0
63	27.8	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: 10.64 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094922.D

Acq: 5 May 2017 18:00

Instrument :

BNA_F

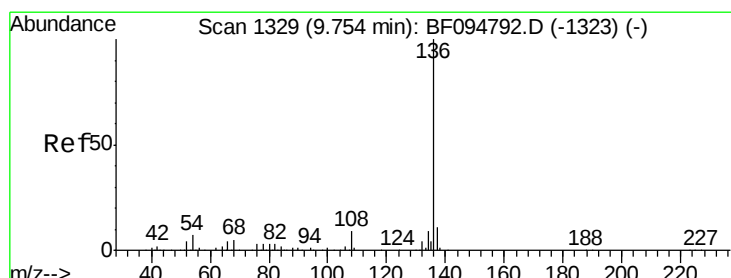
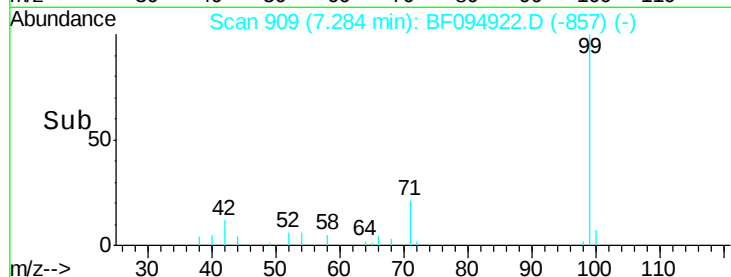
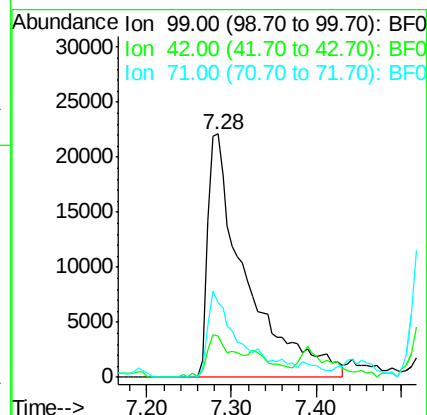
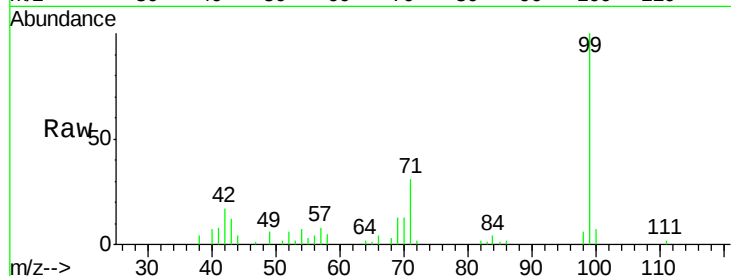
ClientSampleId :

RO-1-COMPDL

Tgt Ion:	99	Resp:	69345
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	30.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

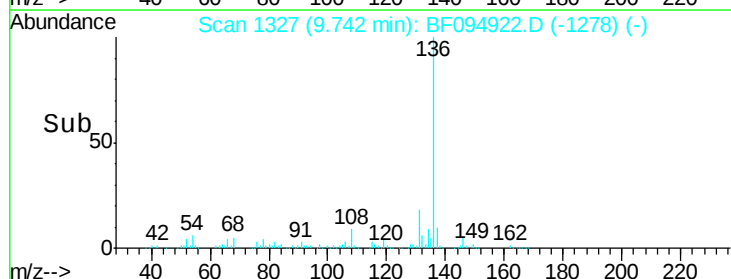
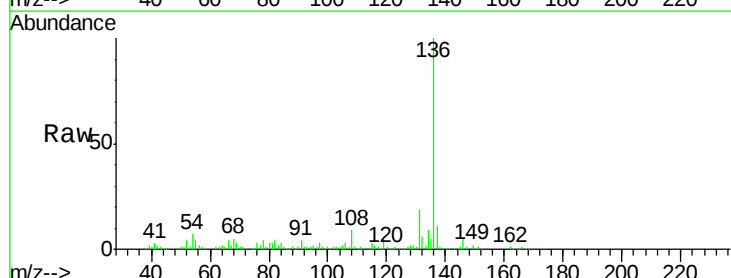
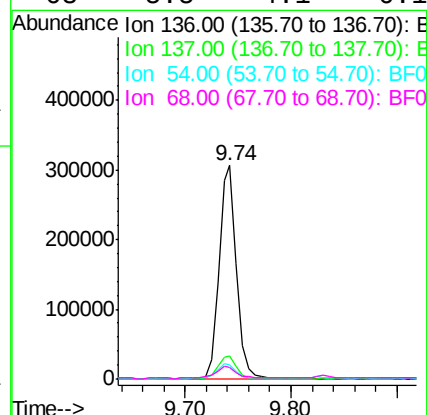
RT: 9.74 min Scan# 1327

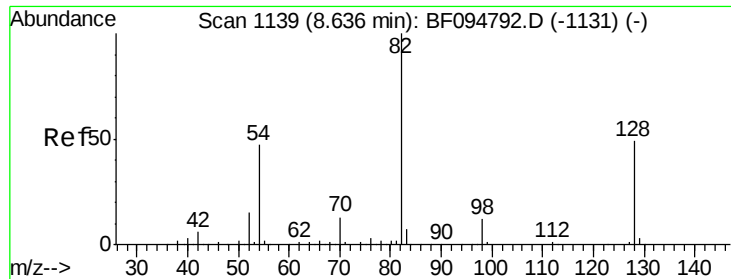
Delta R.T. -0.01 min

Lab File: BF094922.D

Acq: 5 May 2017 18:00

Tgt Ion:	136	Resp:	358455
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.7	4.9	7.3
68	5.5	4.1	6.1





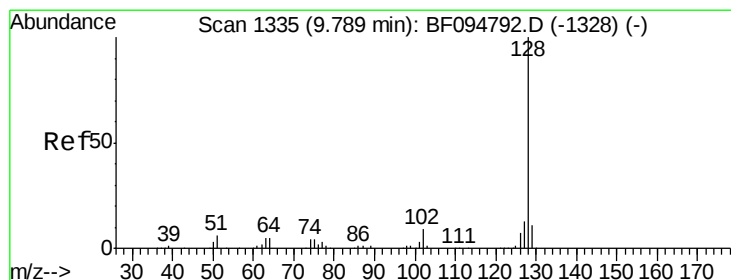
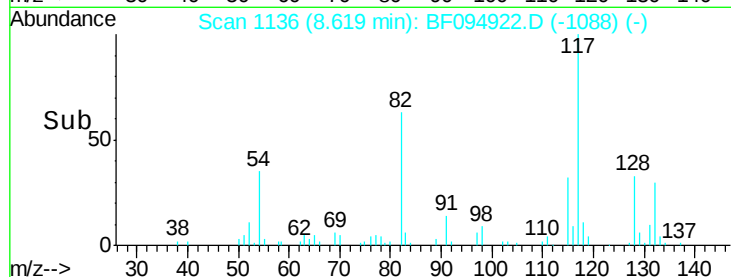
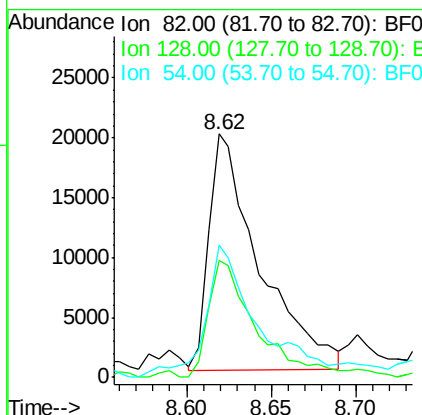
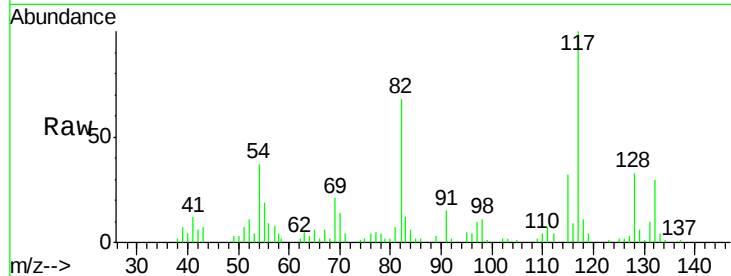
#23
 Nitrobenzene-d5
 Concen: 7.27 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094922.D
 Acq: 5 May 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMPDL

Tgt Ion:	82	Resp:	41320
Ion Ratio	Lower	Upper	
82	100		
128	47.9	34.0	51.0
54	54.1	42.2	63.2

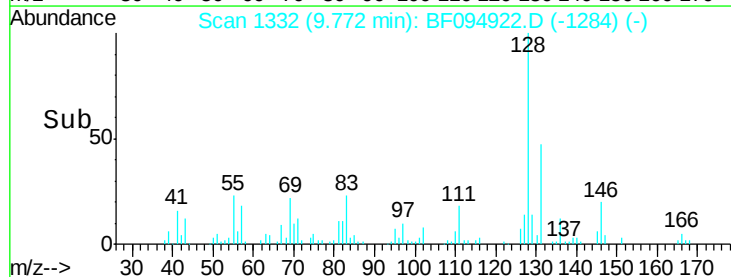
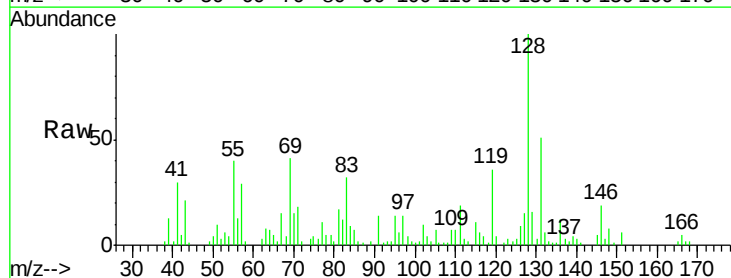
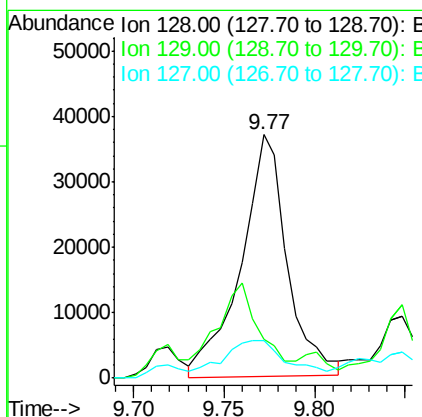
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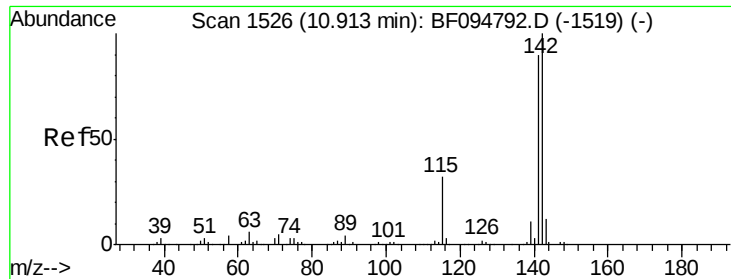
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#31
 Naphthalene
 Concen: 3.64 ng
 RT: 9.77 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF094922.D
 Acq: 5 May 2017 18:00

Tgt Ion:	128	Resp:	65636
Ion Ratio	Lower	Upper	
128	100		
129	16.0	9.0	13.6#
127	15.2	10.8	16.2





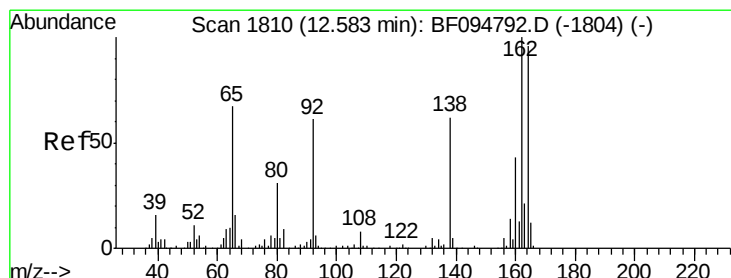
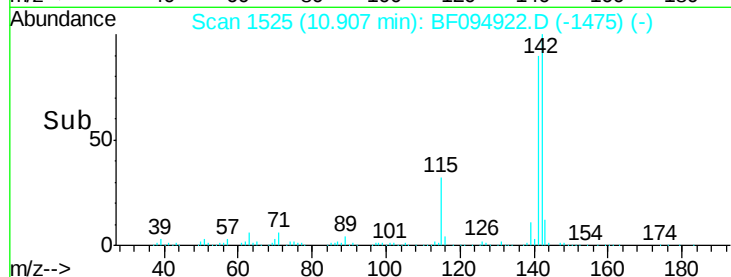
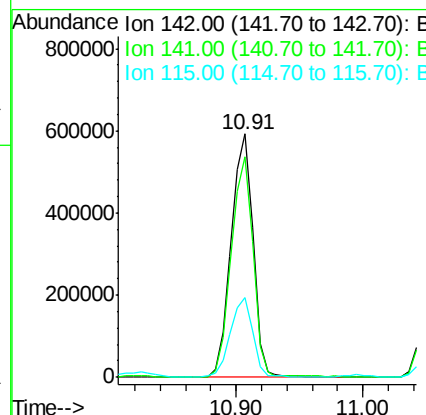
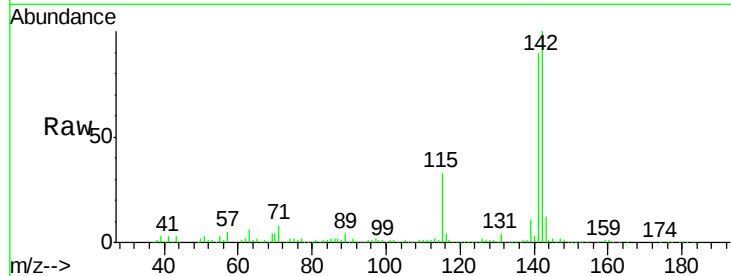
#37
2-Methylnaphthalene
Concen: 60.12 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :
RO-1-COMPDL

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	710815		
141	90.4	71.3	106.9	
115	32.7	27.1	40.7	

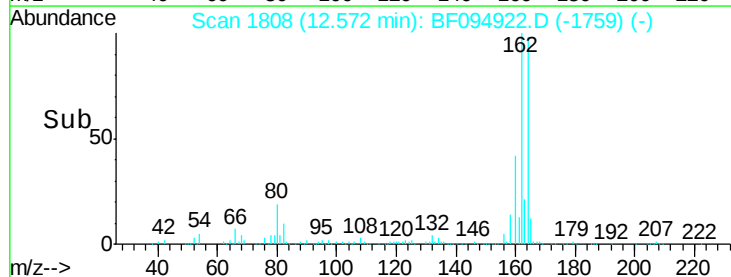
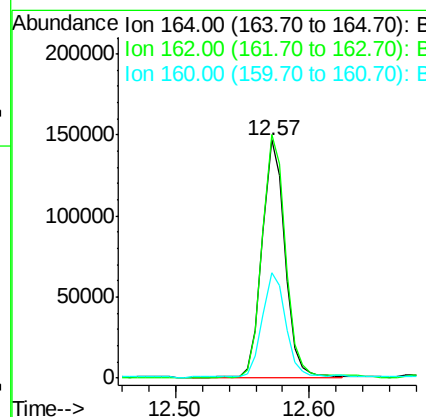
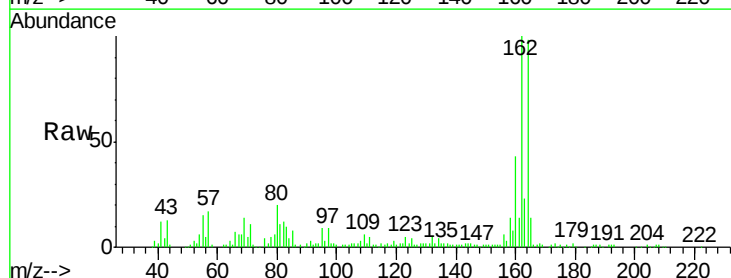
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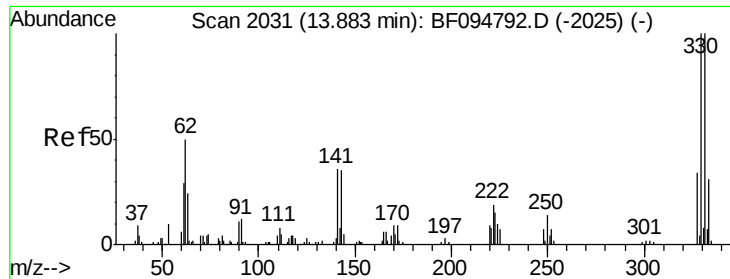
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172131		
162	102.1	82.6	123.8	
160	44.1	36.2	54.2	





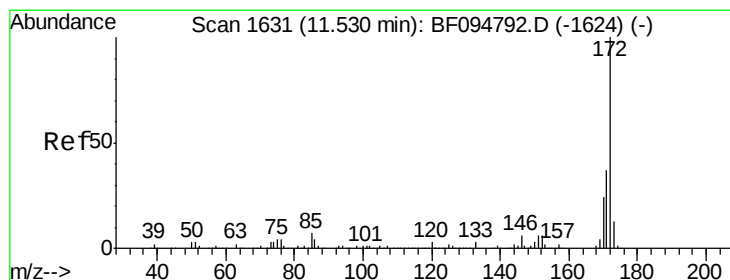
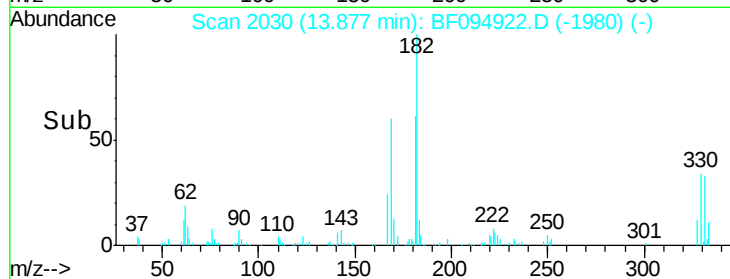
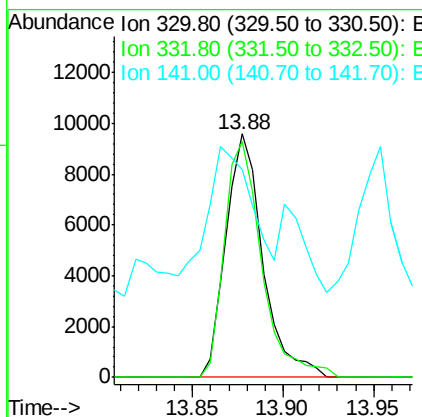
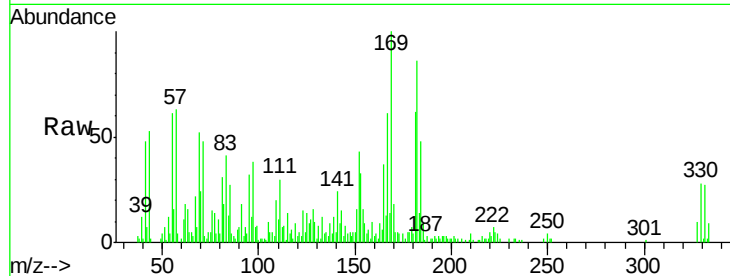
#41
 2,4,6-Tribromophenol
 Concen: 9.66 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094922.D
 Acq: 5 May 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMPDL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	85.2	31.4	47.2

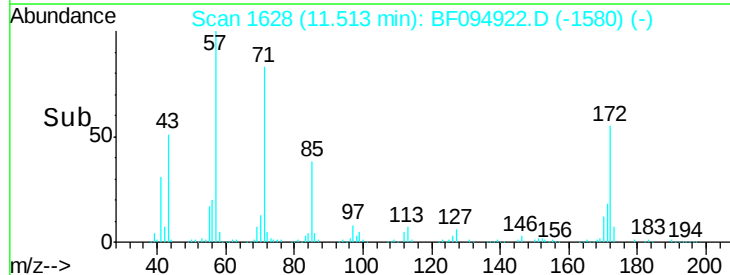
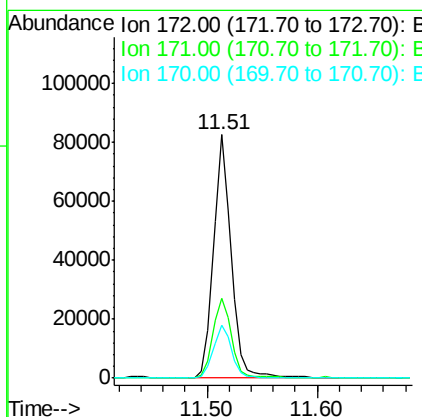
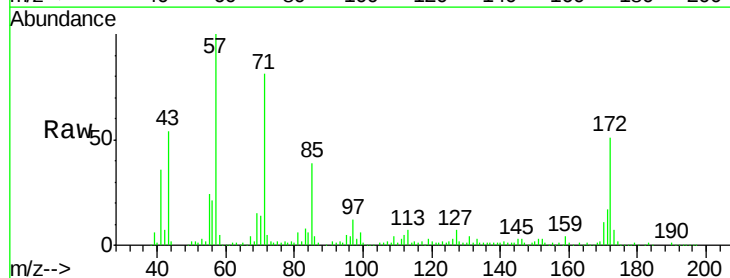
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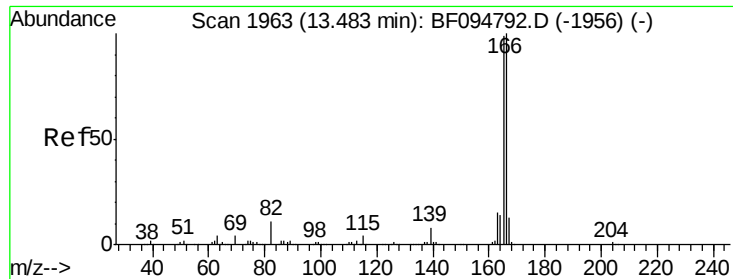
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#44
 2-Fluorobiphenyl
 Concen: 7.61 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094922.D
 Acq: 5 May 2017 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.6	44.4
170	21.8	19.8	29.8





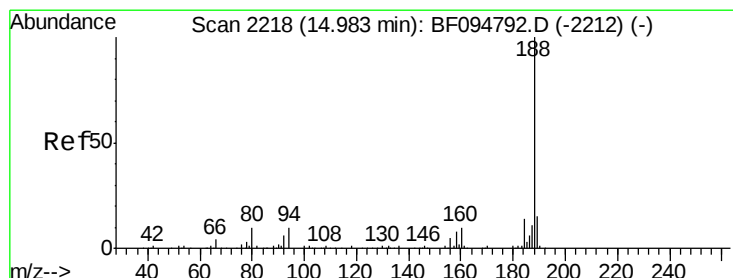
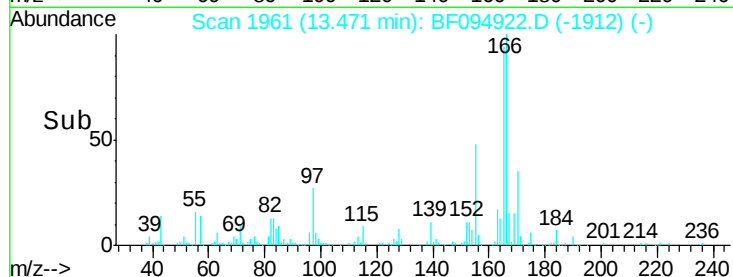
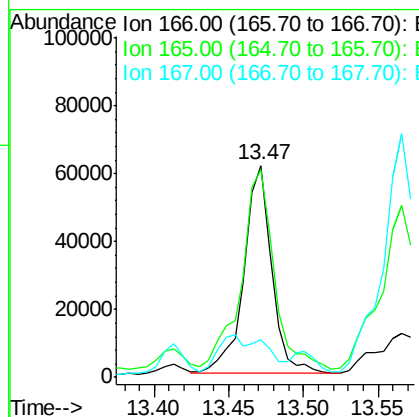
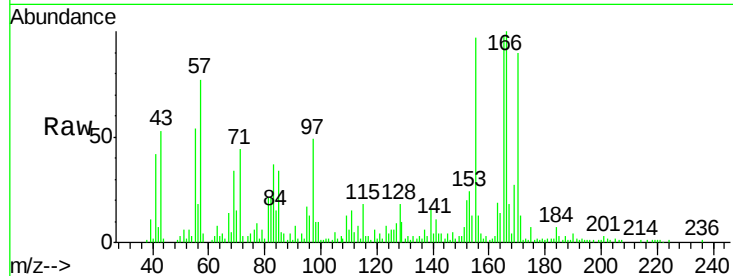
#57
Fluorene
 Concen: 6.09 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094922.D
 Acq: 5 May 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMPD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	80200		
165	97.9	78.8	118.2	
167	17.7	10.6	16.0	

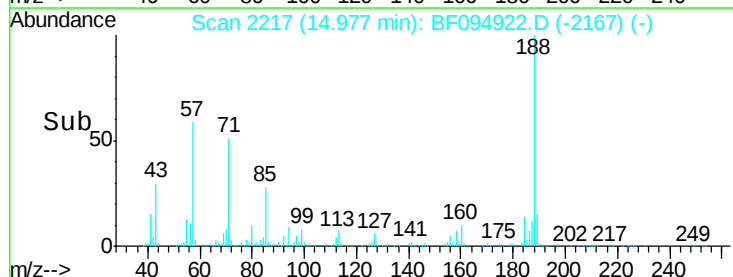
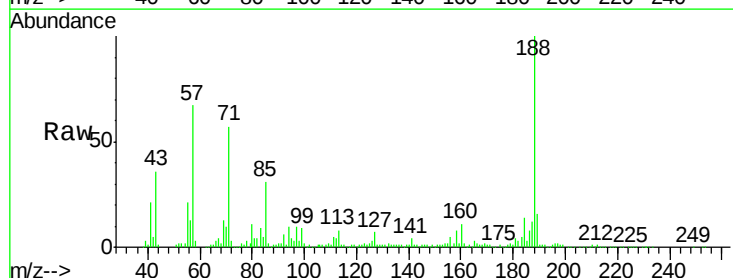
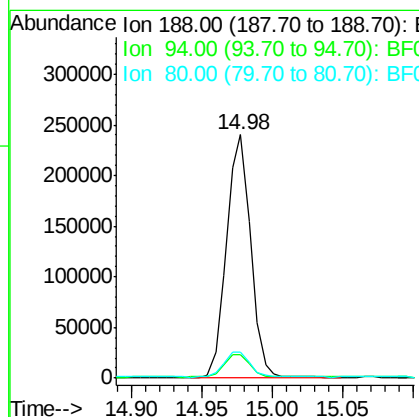
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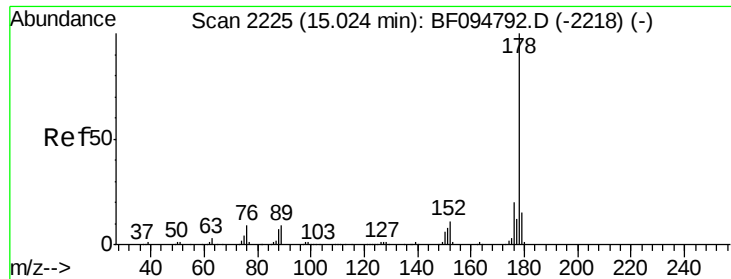
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094922.D
 Acq: 5 May 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	287191		
94	9.8	9.4	14.2	
80	10.9	10.2	15.2	





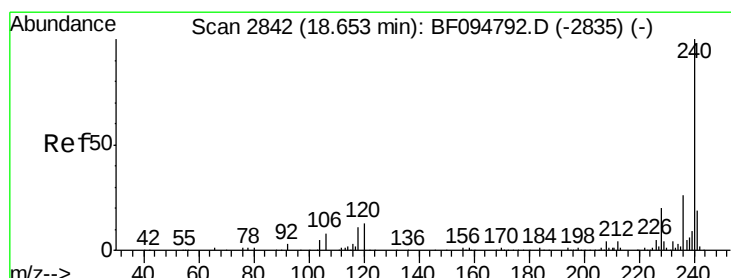
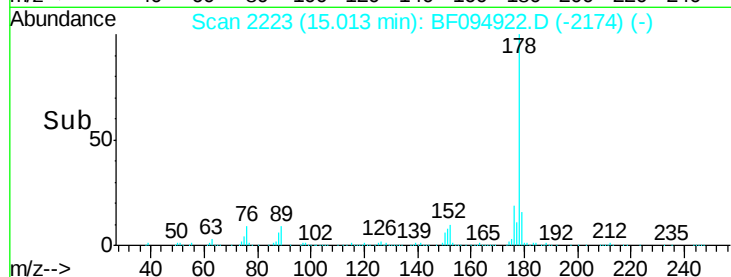
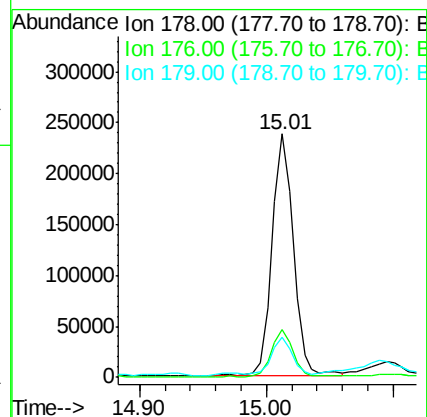
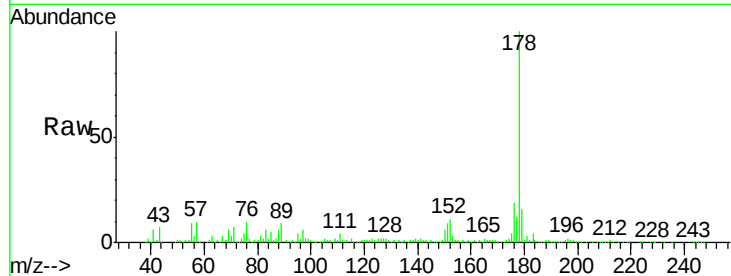
#70
Phenanthrene
Concen: 17.07 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :
RO-1-COMPDL

Tgt Ion:178 Resp: 281644
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 16.5 12.6 19.0

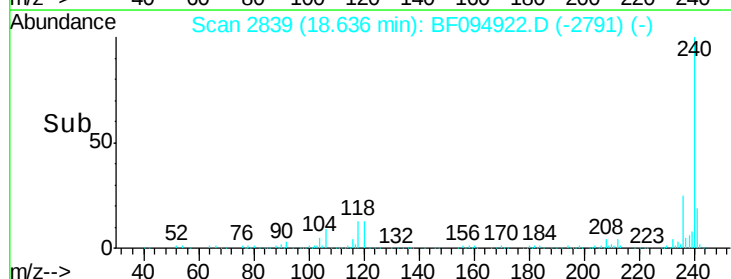
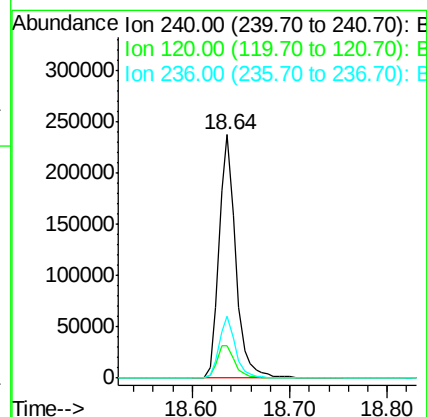
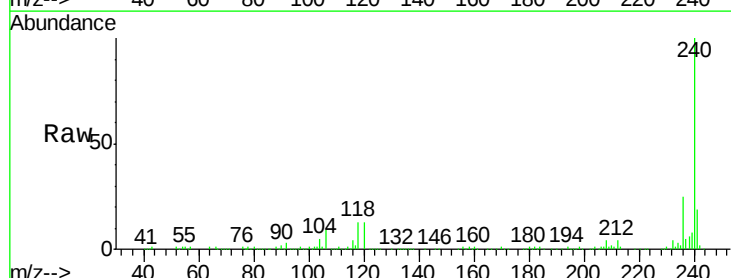
Manual Integrations
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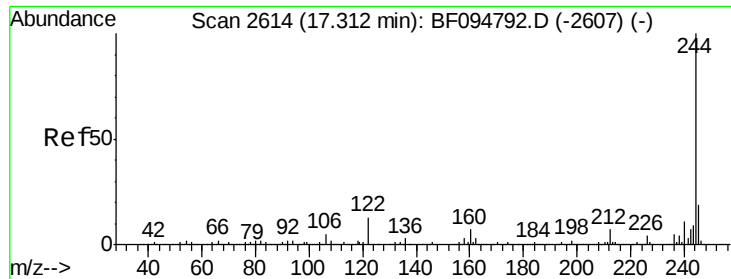
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:240 Resp: 281653
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 25.3 20.5 30.7





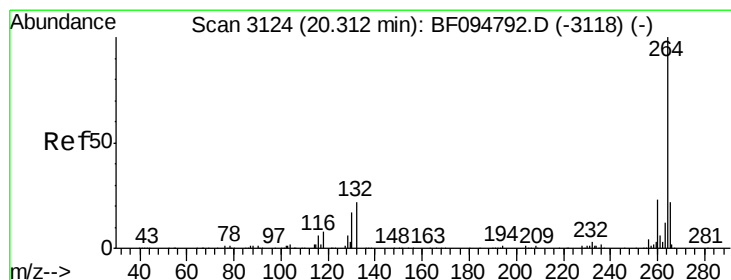
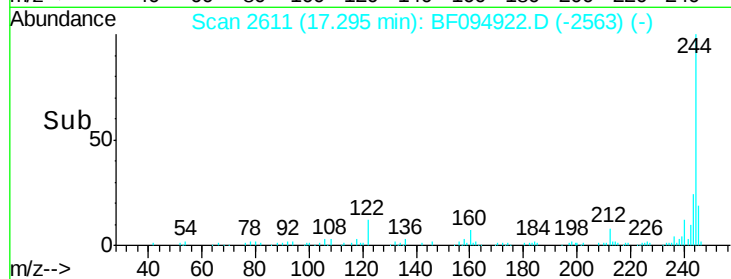
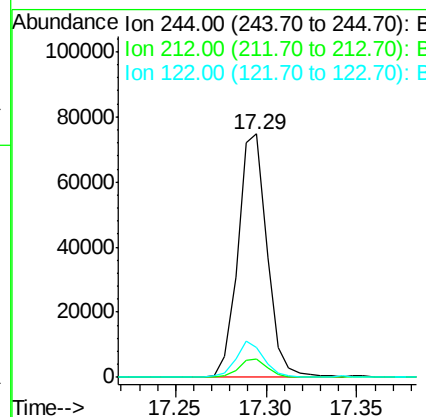
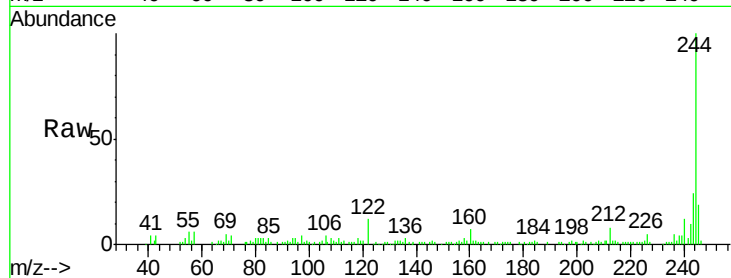
#78
 Terphenyl-d14
 Concen: 6.53 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094922.D
 Acq: 5 May 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMPDL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	12.2	10.3	15.5

Manual Integrations
 APPROVED

mohammad
 5/8/2017 2:47:50 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094922.D
 Acq: 5 May 2017 18:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.2	17.2	25.8

