

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114950.D
 Acq On : 11 Jun 2019 18:29
 Operator : HP/JU
 Sample : K3160-03 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060619-B

Manual Integrations
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mohammad
 6/12/2019 9:03:55 AM

Quant Time: Jun 12 04:47:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	269349	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1033332	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	471341	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	801573	20.00	ng	0.00
76) Chrysene-d12	13.79	240	600567	20.00	ng	0.00
87) Perylene-d12	15.17	264	588940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	753215	47.33	ng	0.00
7) Phenol-d6	6.30	99	955136	49.76	ng	0.00
23) Nitrobenzene-d5	7.22	82	567235	33.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	215786	42.09	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1119252	37.69	ng	0.00
79) Terphenyl-d14	12.74	244	967351	32.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.41	163	98362	2.777	ng	98
71) Phenanthrene	11.19	178	281923	7.249	ng	96
75) Fluoranthene	12.37	202	386024	9.597	ng	93
78) Pyrene	12.59	202	383152	7.325	ng	97
81) Benzo(a)anthracene	13.77	228	207145	4.665	ng	96
83) Chrysene	13.81	228	200320	4.492	ng	96
86) Indeno(1,2,3-cd)pyrene	16.49	276	119722	2.856	ng	98
88) Benzo(b)fluoranthene	14.79	252	334637m	8.728	ng	
89) Benzo(k)fluoranthene	14.81	252	88457m	2.658	ng	
90) Benzo(a)pyrene	15.12	252	217315	6.525	ng	# 91
92) Benzo(g,h,i)perylene	16.87	276	111971	3.993	ng	# 91

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

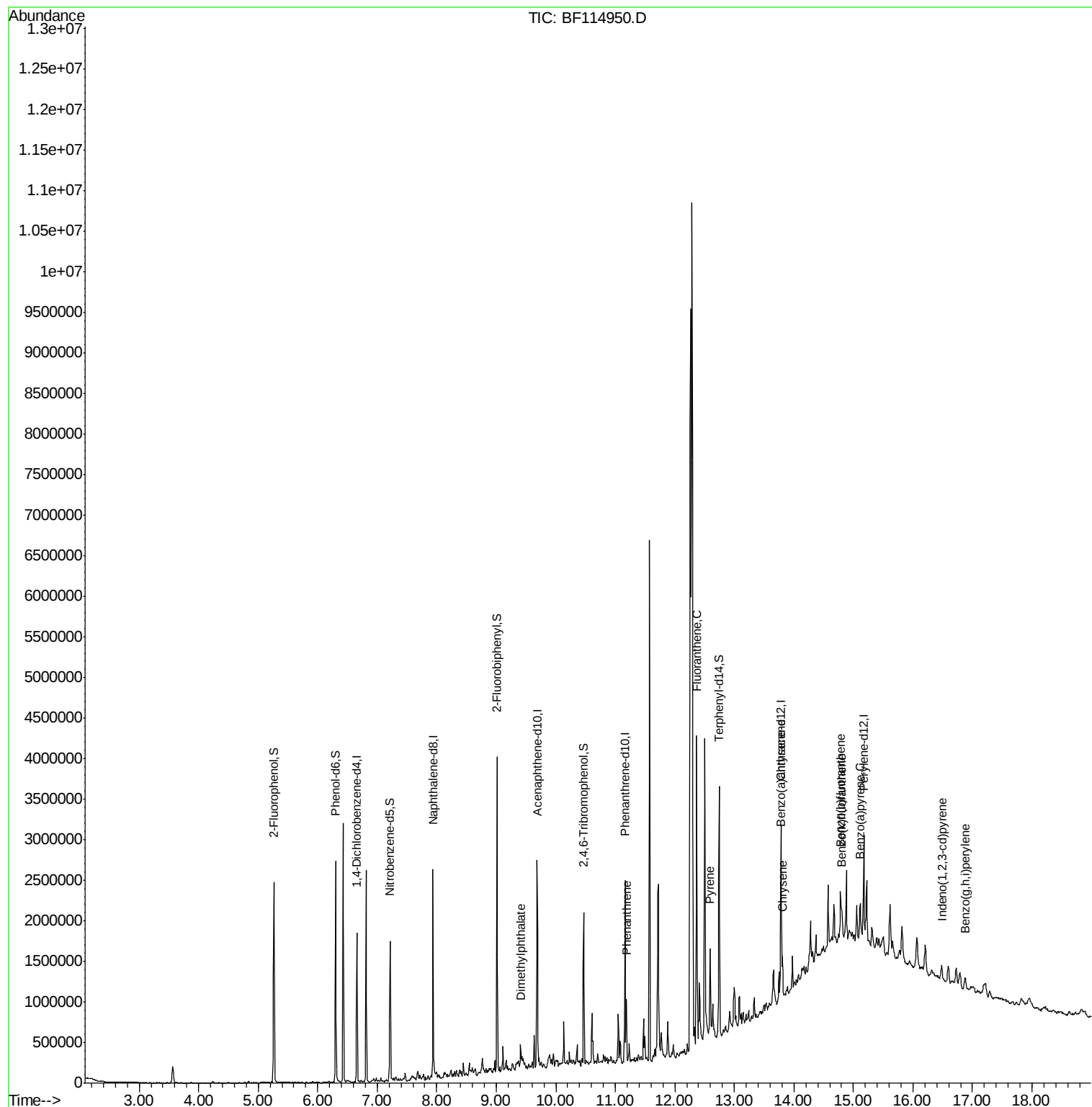
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114950.D
Acq On : 11 Jun 2019 18:29
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

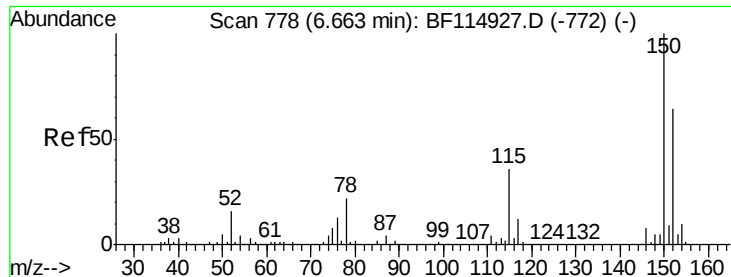
Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

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Quant Time: Jun 12 04:47:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
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#1

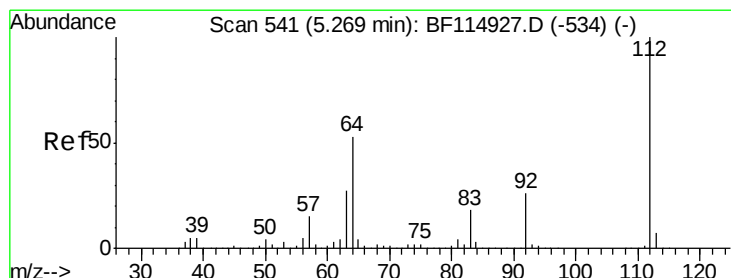
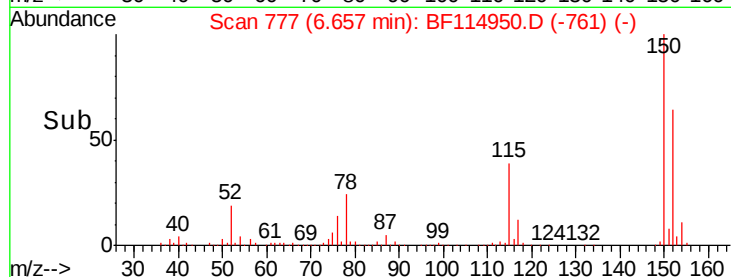
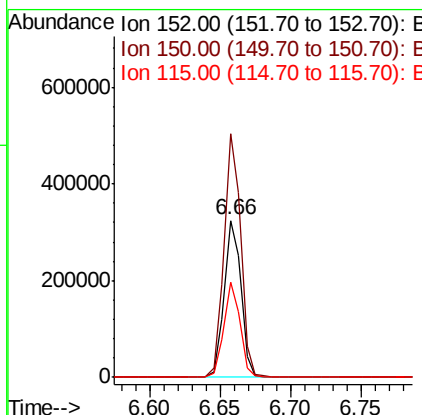
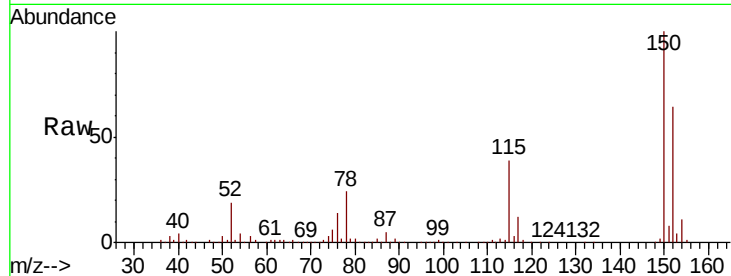
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.2	187.8
115	60.6	45.0	67.4

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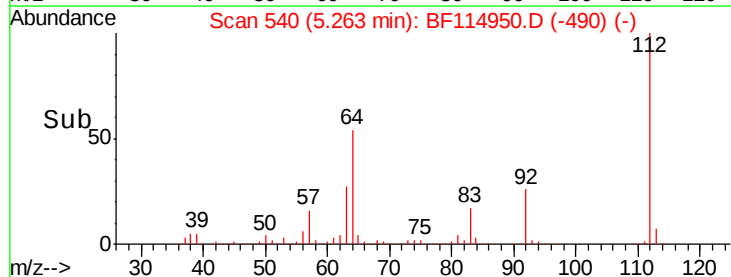
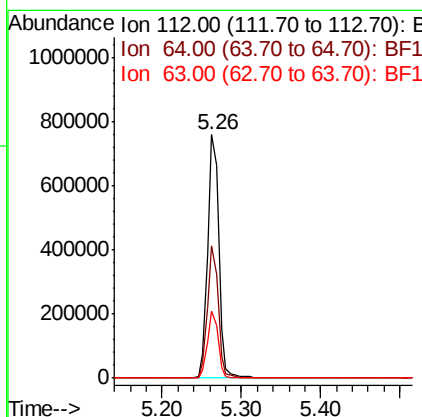
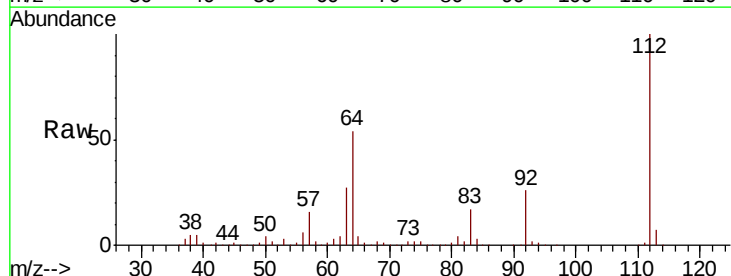
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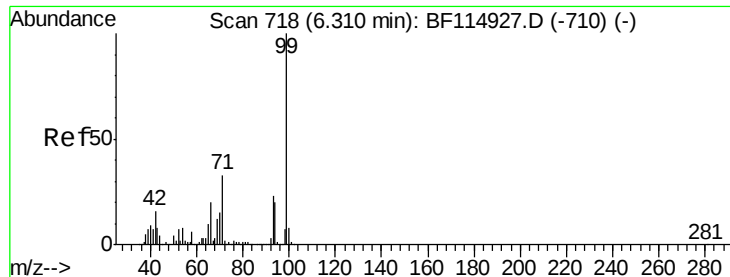


#5

2-Fluorophenol
Concen: 47.327 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.1	63.1
63	27.4	21.8	32.8





#7

Phenol-d6

Concen: 49.755 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114950.D

Acq: 11 Jun 2019 18:29

Instrument :

BNA_F

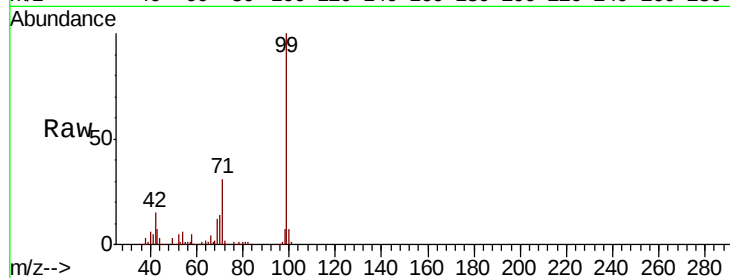
ClientSampleId :

EO-02-060619-B

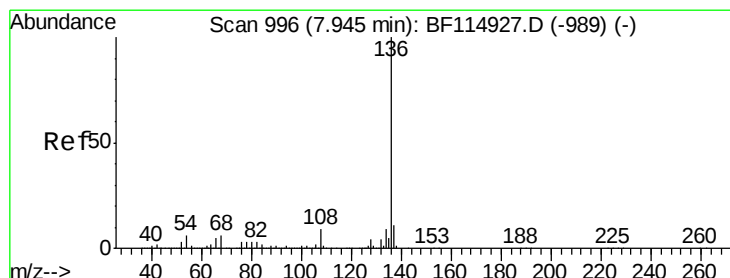
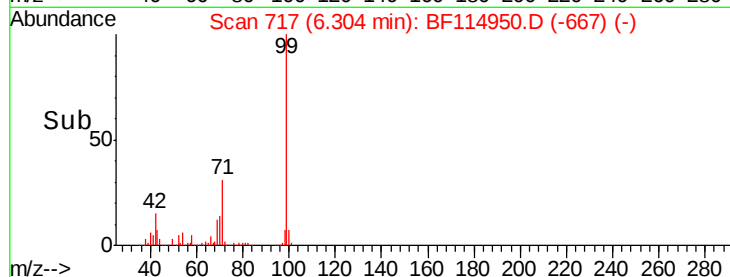
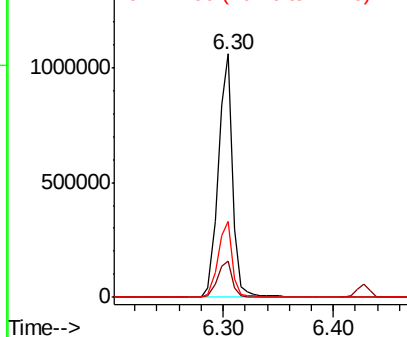
Tot Ion:	99	Resp:	955136
Ion Ratio	Lower	Upper	
99	100		
42	15.1	13.1	19.7
71	30.9	26.8	40.2

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

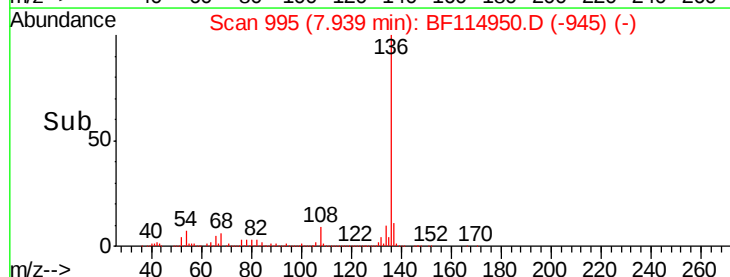
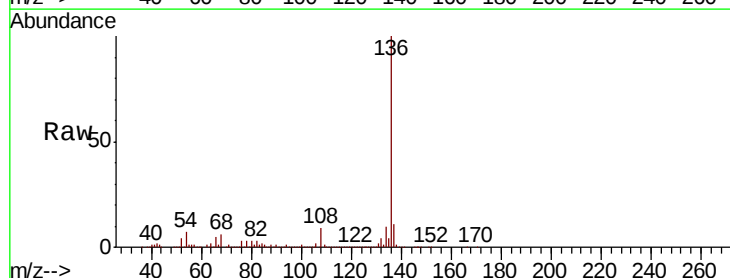
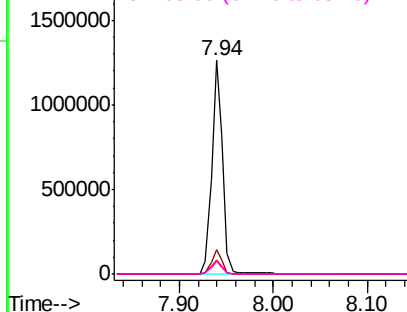
Delta R.T. -0.01 min

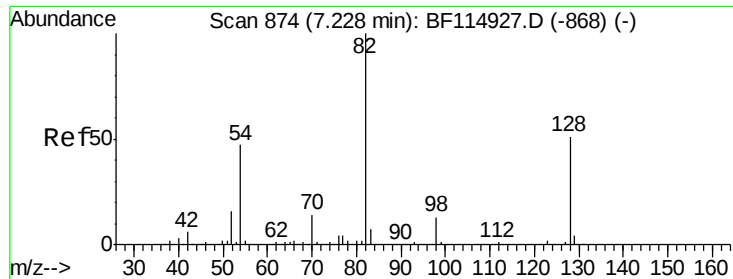
Lab File: BF114950.D

Acq: 11 Jun 2019 18:29

Tgt Ion:	136	Resp:	1033332
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	6.8	5.2	7.8
68	5.9	4.6	7.0

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





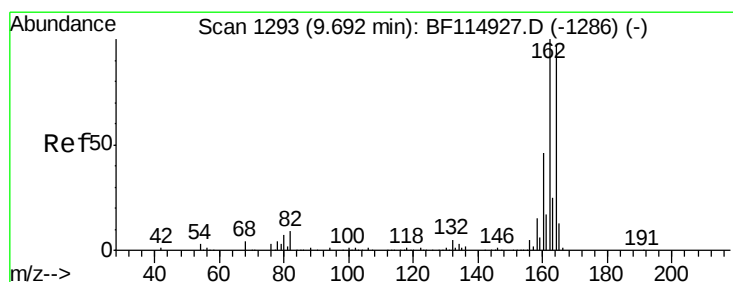
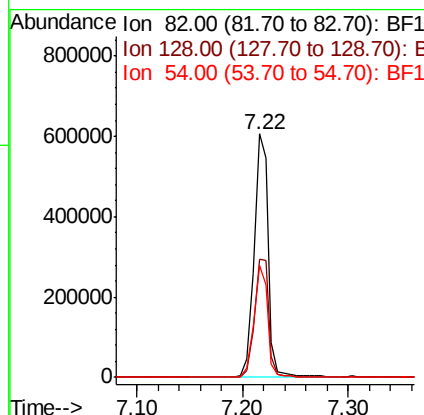
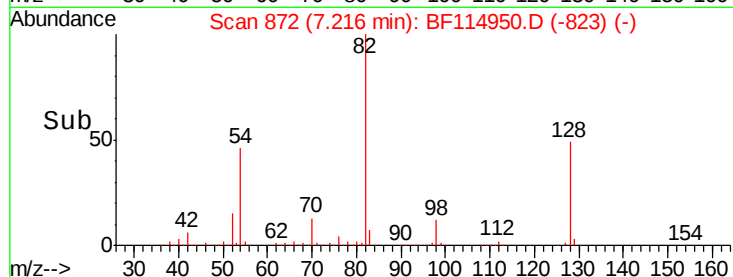
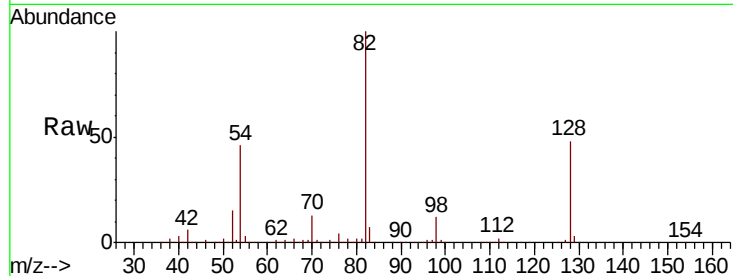
#23
Nitrobenzene-d5
Concen: 33.728 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.9	61.3
54	46.0	37.4	56.0

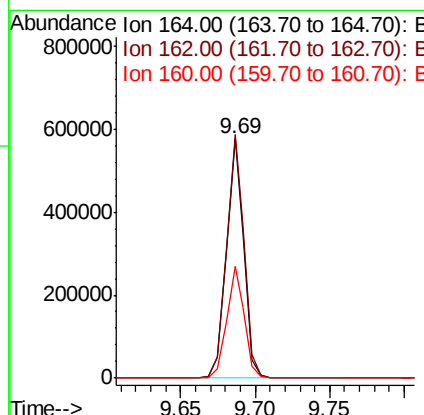
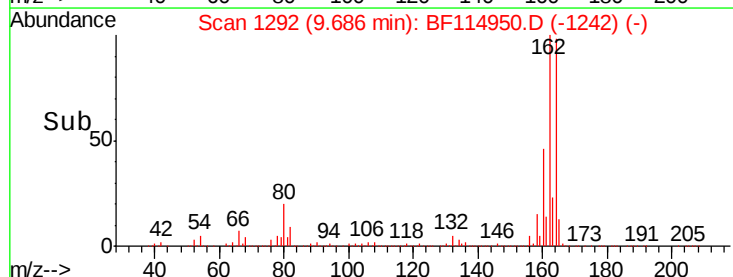
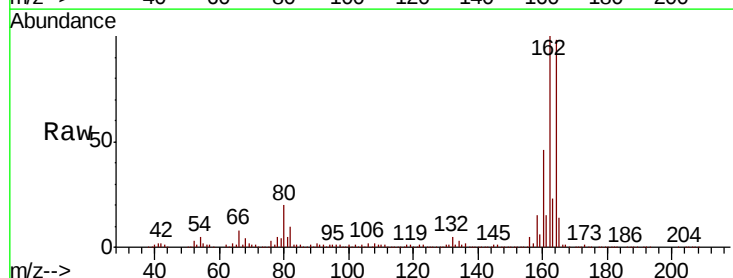
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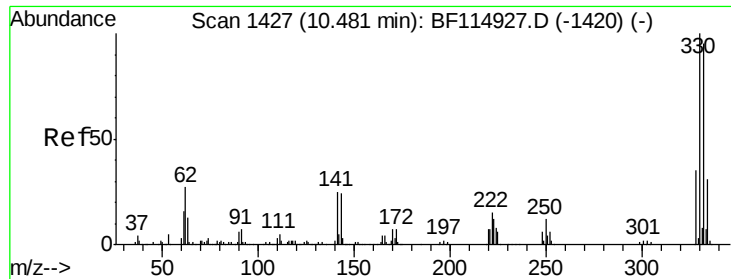
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.4	123.6
160	46.8	37.5	56.3





#42

2,4,6-Tribromophenol

Concen: 42.086 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114950.D

Acq: 11 Jun 2019 18:29

Instrument :

BNA_F

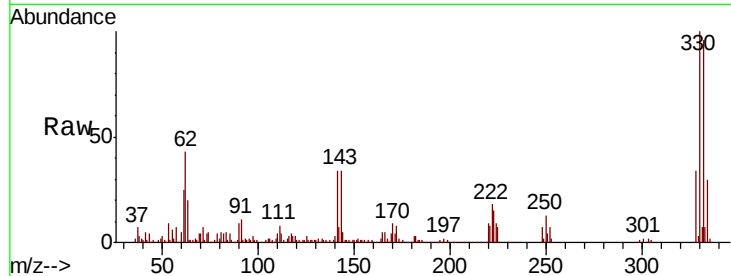
ClientSampleId :

EO-02-060619-B

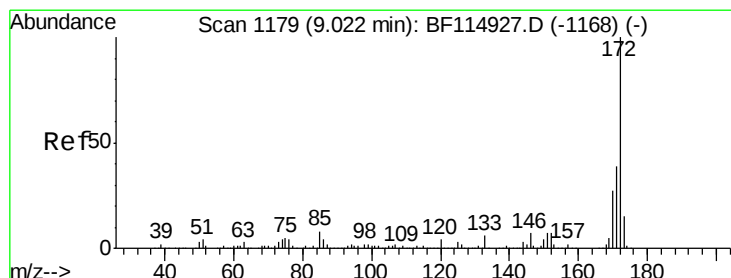
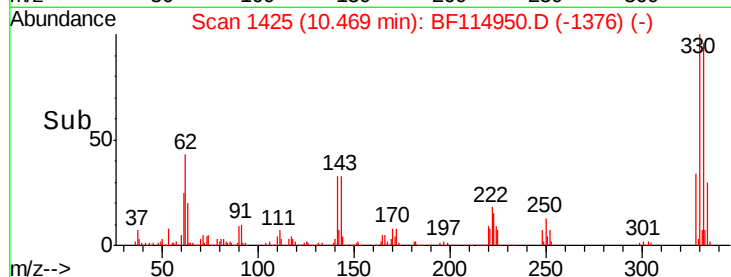
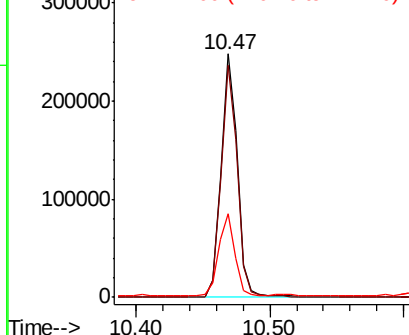
Tot Ion:	330	Resp:	215786
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.4	114.6
141	33.9	26.8	40.2

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 37.687 ng

RT: 9.02 min Scan# 1178

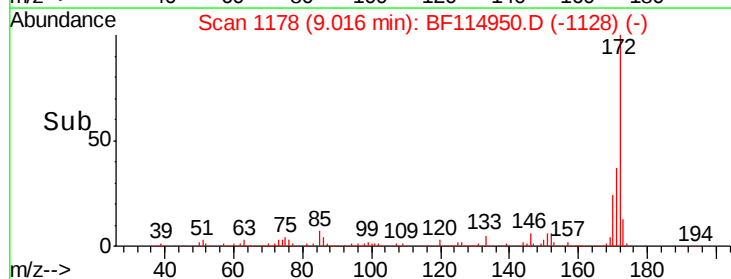
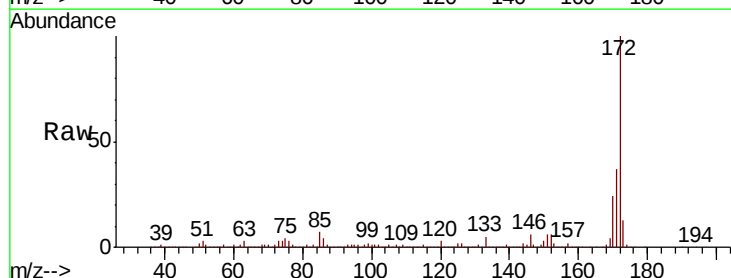
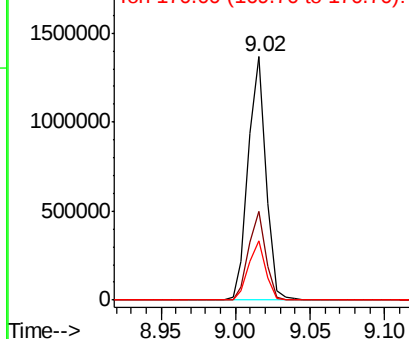
Delta R.T. -0.01 min

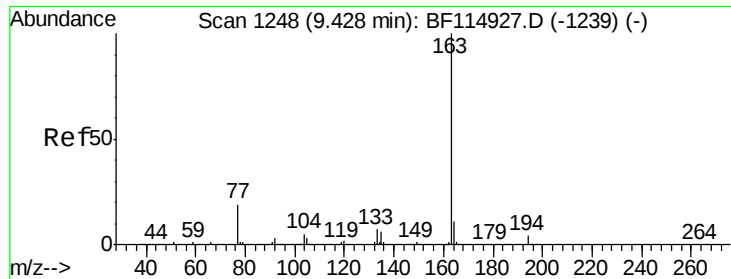
Lab File: BF114950.D

Acq: 11 Jun 2019 18:29

Tgt Ion:	172	Resp:	1119252
Ion Ratio	Lower	Upper	
172	100		
171	36.6	31.3	46.9
170	24.2	21.4	32.0

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





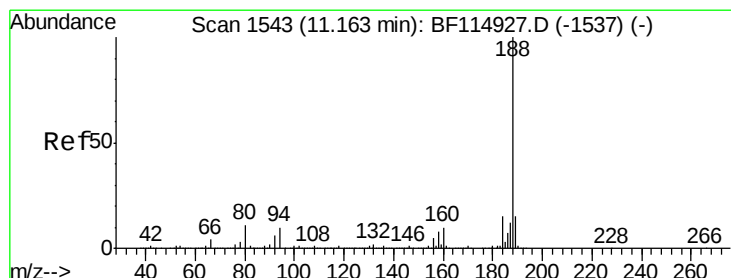
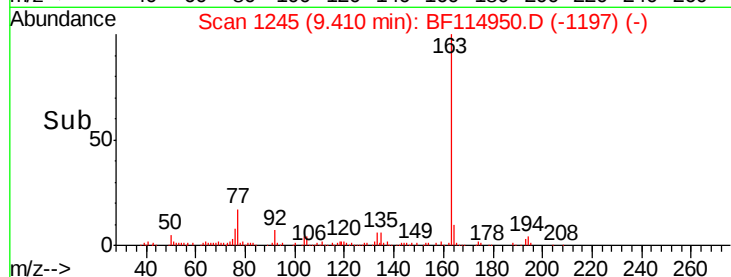
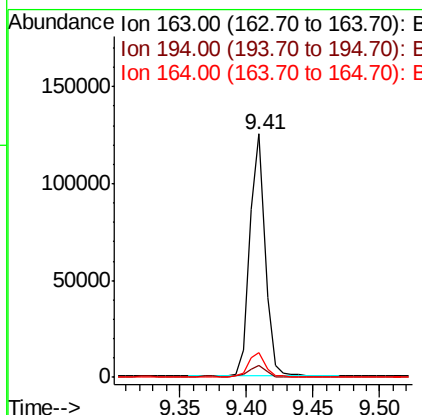
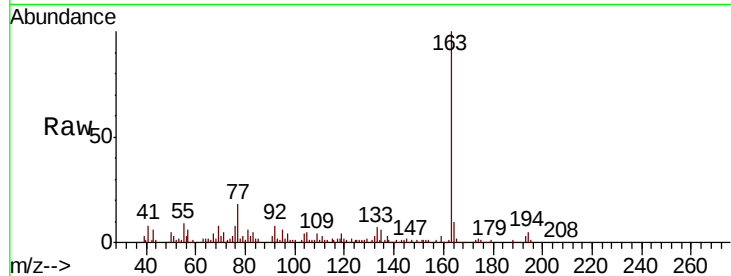
#50
Dimethylphthalate
Concen: 2.777 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		98362		
194	4.7		3.4	5.0	
164	10.1		8.7	13.1	

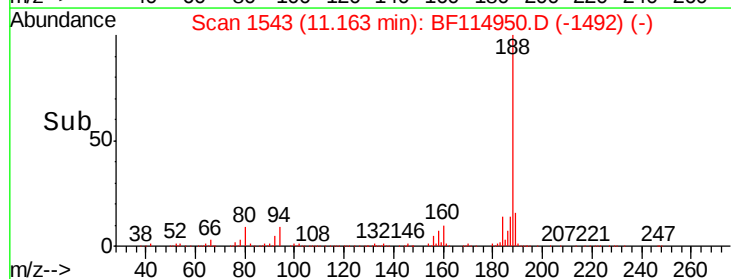
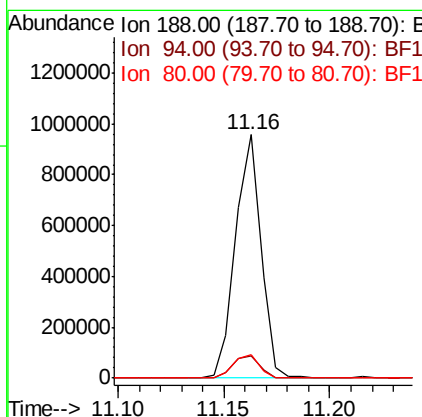
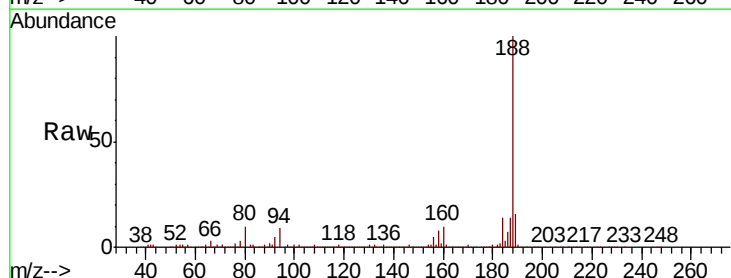
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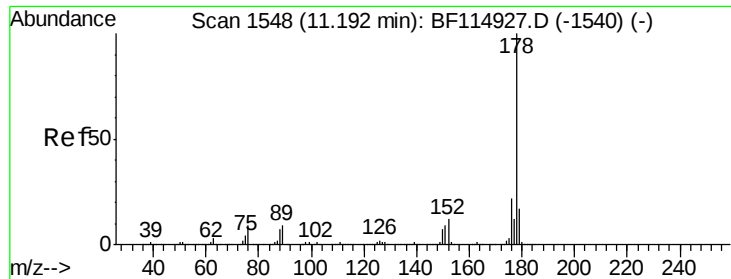
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		801573		
94	9.1		8.1	12.1	
80	9.6		8.6	12.8	





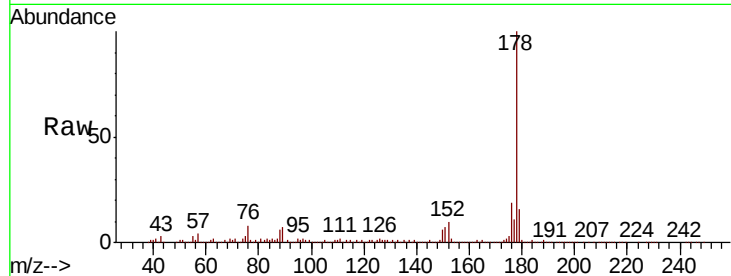
#71
Phenanthrene
Concen: 7.249 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	17.4	26.2
179	16.1	13.6	20.4

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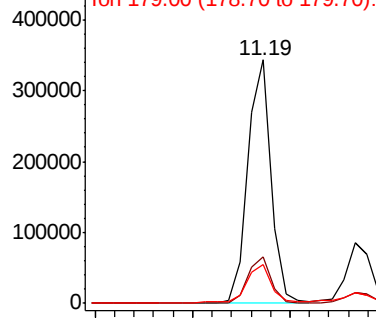


Abundance

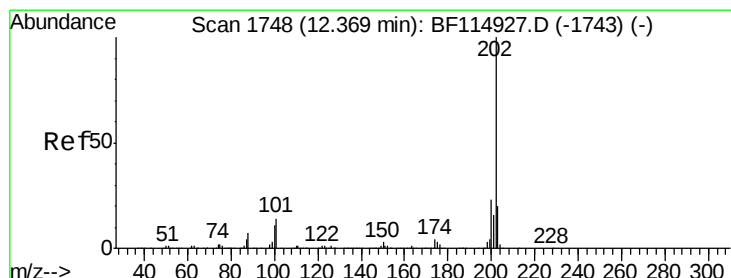
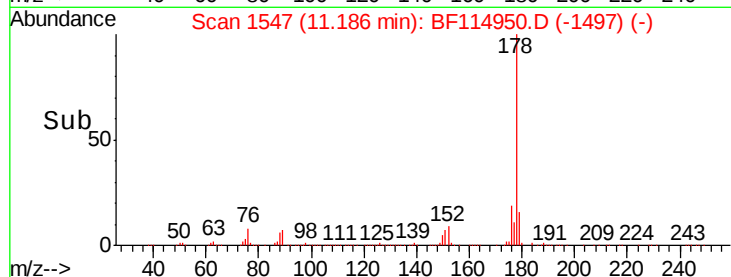
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

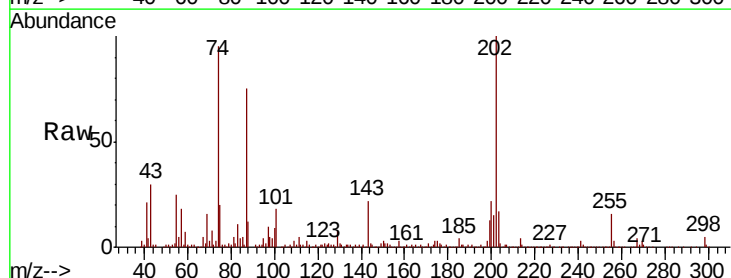


Time-->



#75
Fluoranthene
Concen: 9.597 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.8	0.0	34.3
203	17.3	0.0	39.6

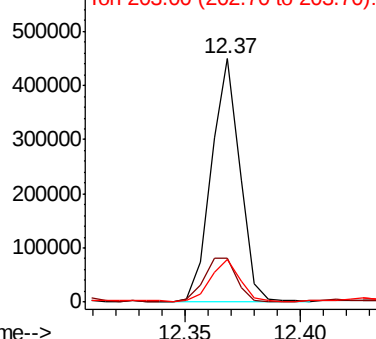


Abundance

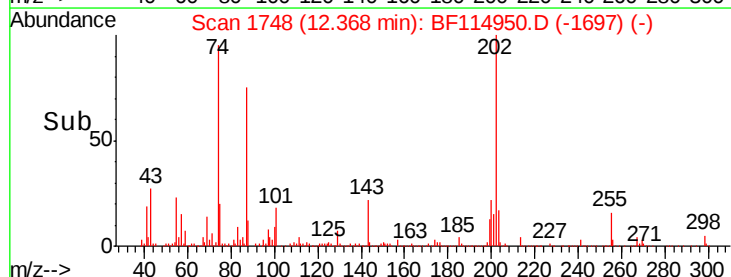
Ion 202.00 (201.70 to 202.70): E

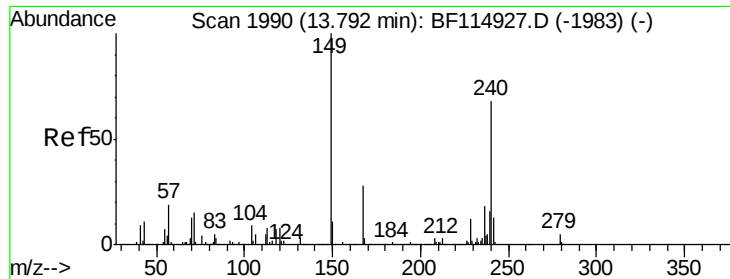
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





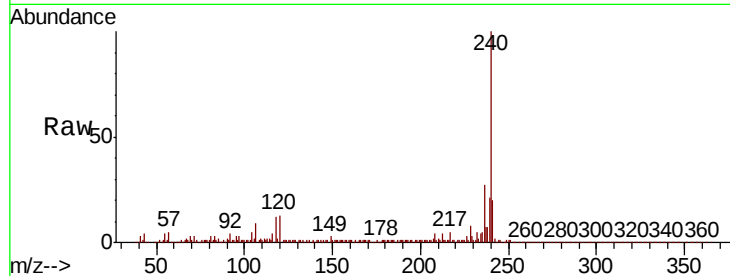
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

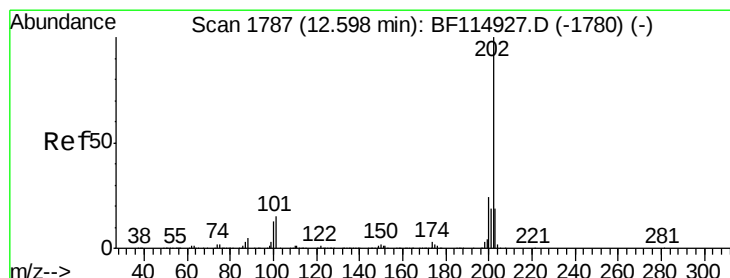
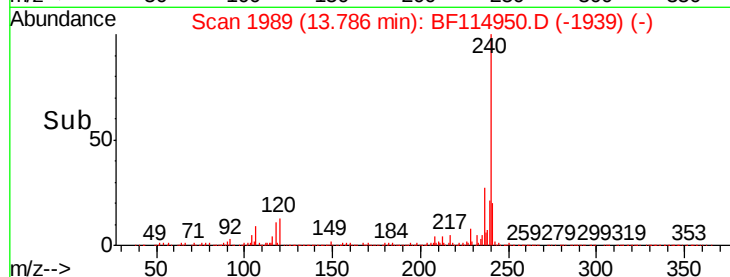
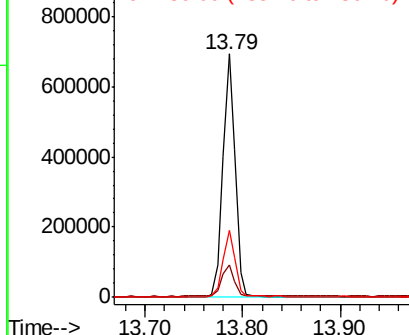
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.2	13.8
236	27.3	21.7	32.5

Manual Integrations
APPROVED

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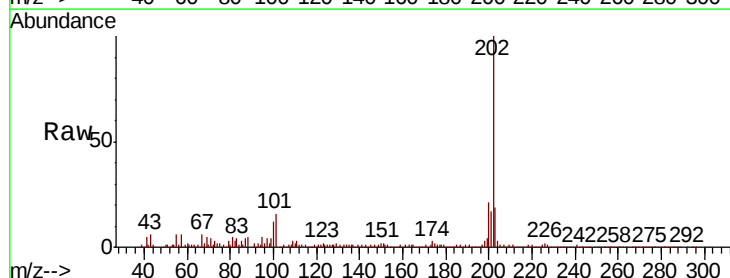


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

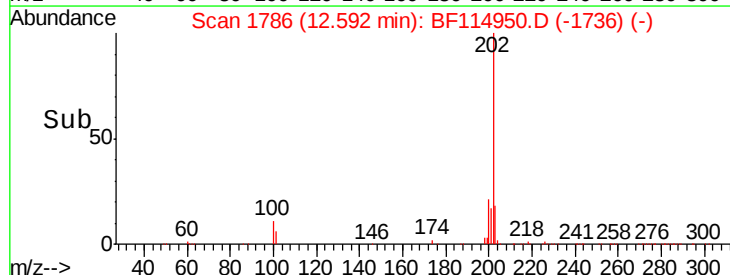
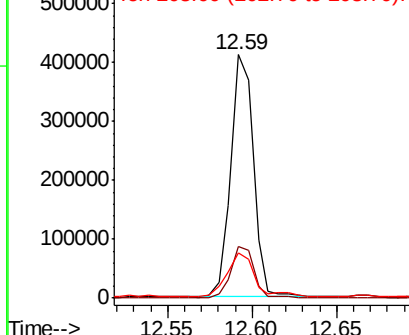


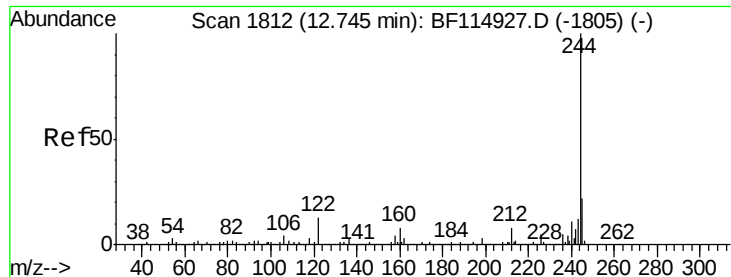
#78
Pyrene
Concen: 7.325 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.9	28.3
203	18.6	15.2	22.8



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





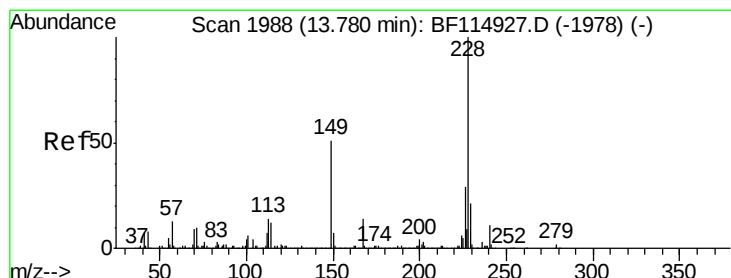
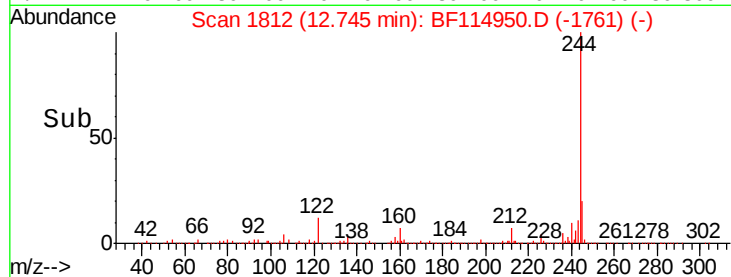
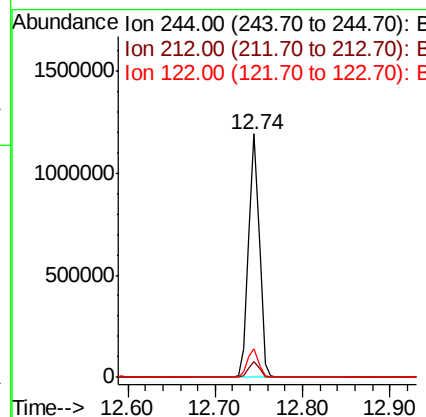
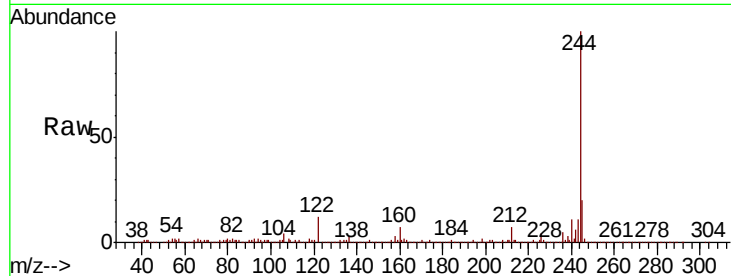
#79
 Terphenyl-d14
 Concen: 32.033 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF114950.D
 Acq: 11 Jun 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	11.7	10.2	15.4

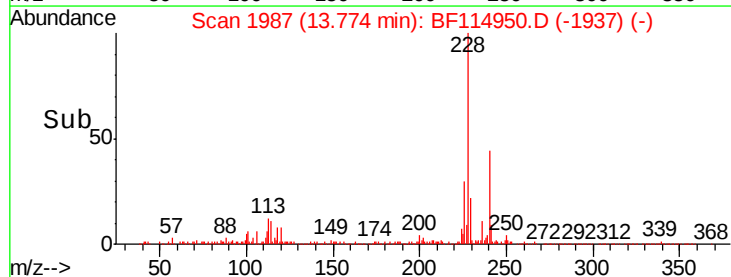
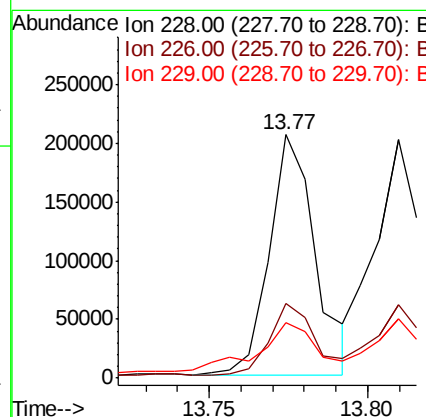
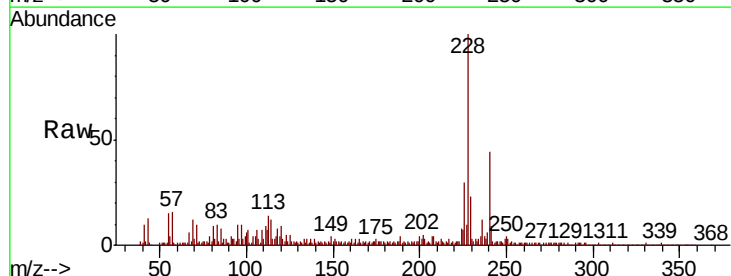
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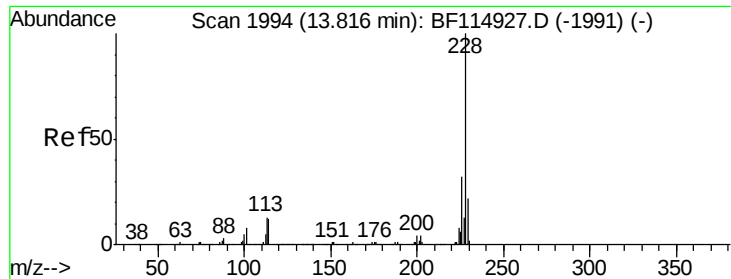
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#81
 Benzo(a)anthracene
 Concen: 4.665 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF114950.D
 Acq: 11 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.8	34.2
229	22.9	16.6	25.0





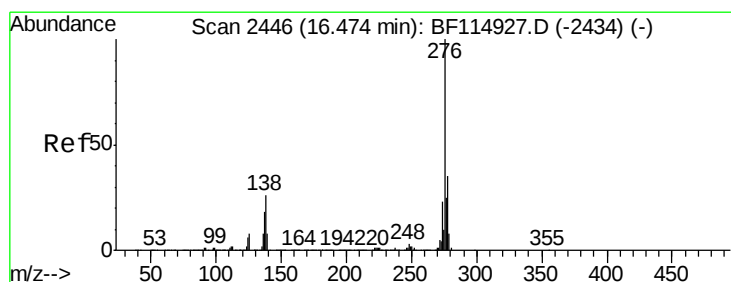
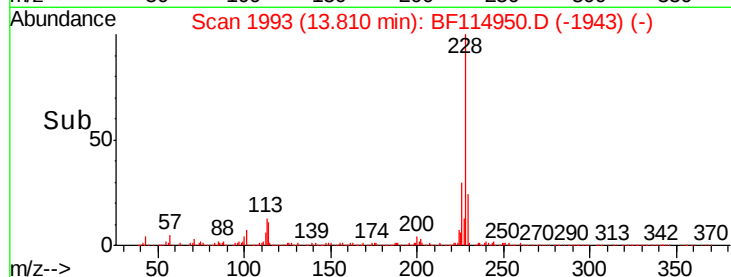
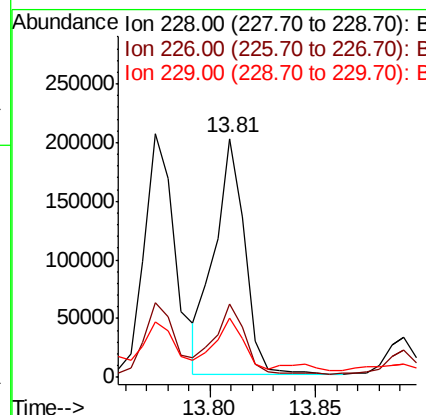
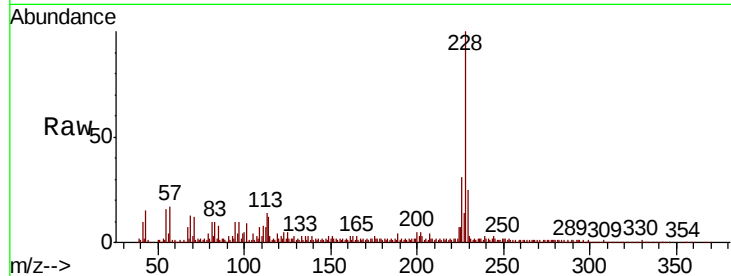
#83
Chrysene
Concen: 4.492 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tot Ion:	228	Resp:	200320
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.8	38.8
229	24.9	17.2	25.8

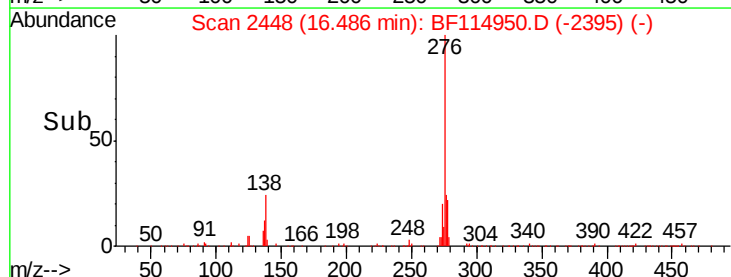
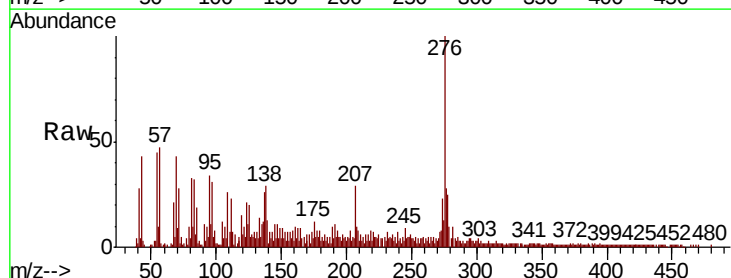
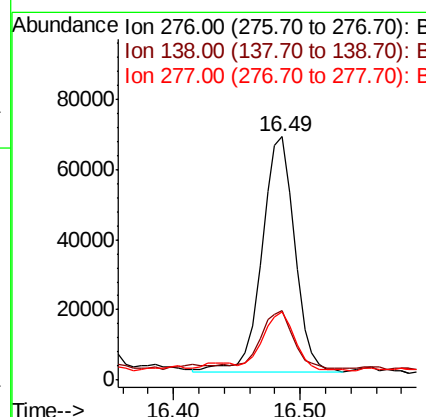
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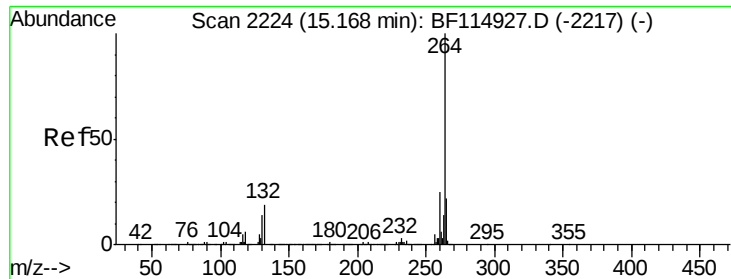
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.856 ng
RT: 16.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:	276	Resp:	119722
Ion Ratio	Lower	Upper	
276	100		
138	27.1	23.3	34.9
277	25.8	20.5	30.7





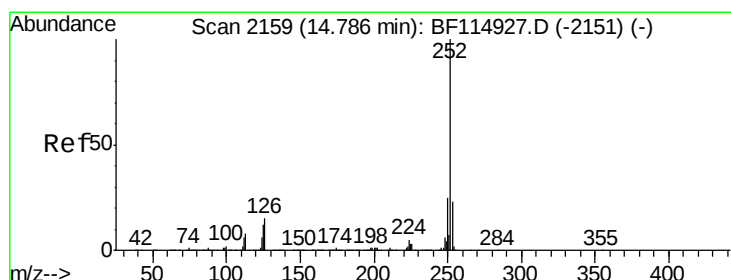
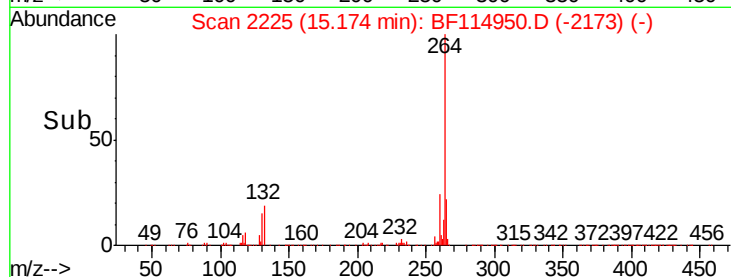
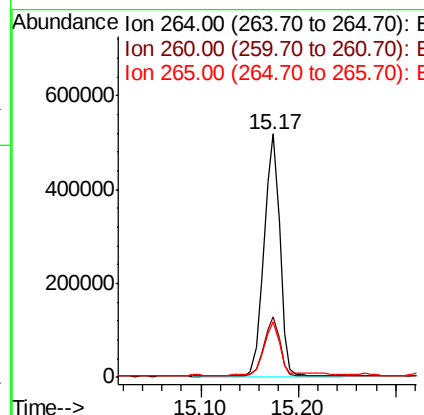
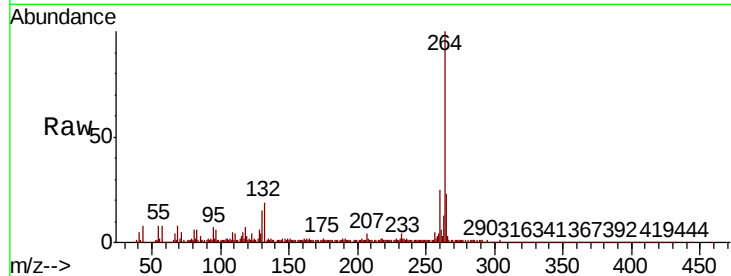
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.9	17.5	26.3

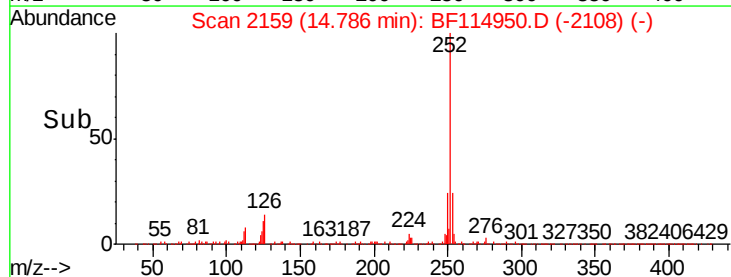
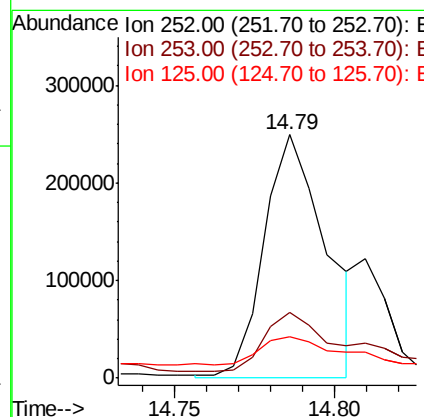
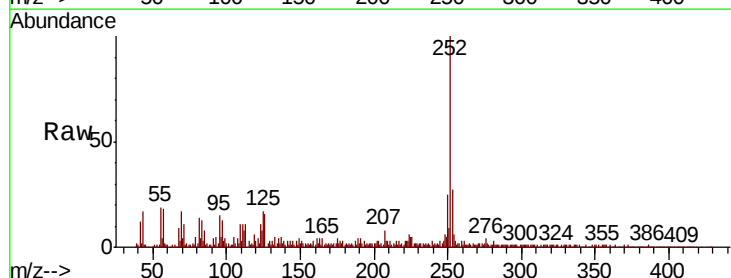
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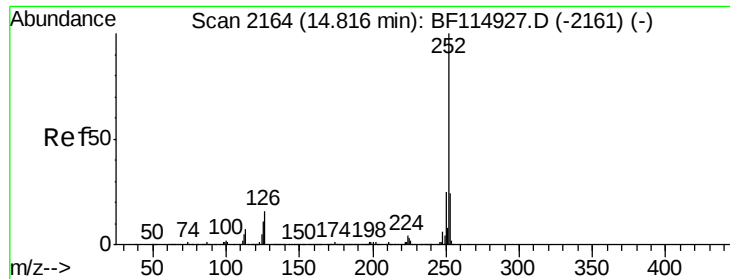
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#88
Benzo(b)fluoranthene
Concen: 8.728 ng m
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.6	28.0
125	17.0	9.5	14.3





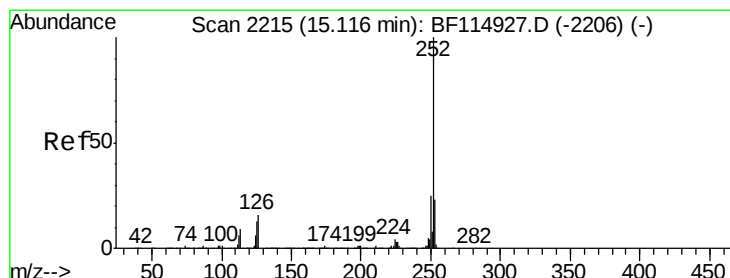
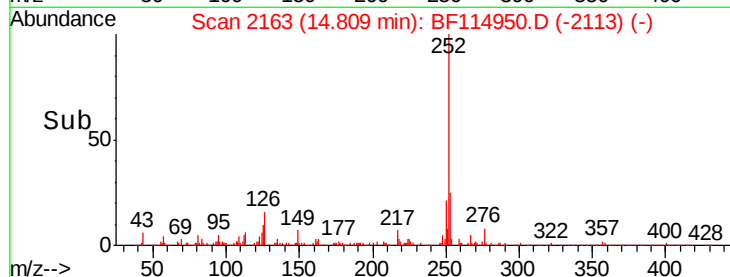
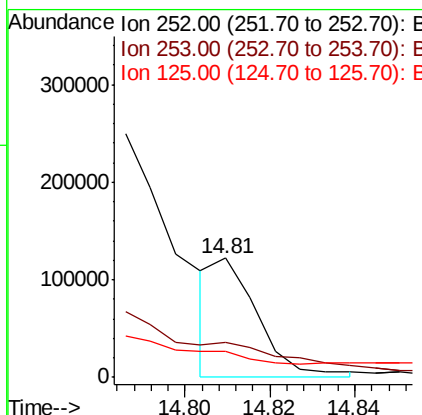
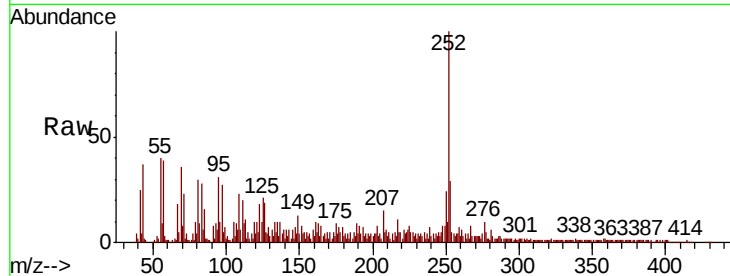
#89
Benzo(k)fluoranthene
Concen: 2.658 ng m
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.6	28.0#
125	21.4	9.2	13.8#

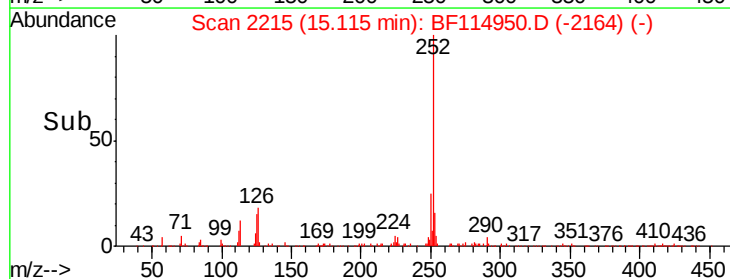
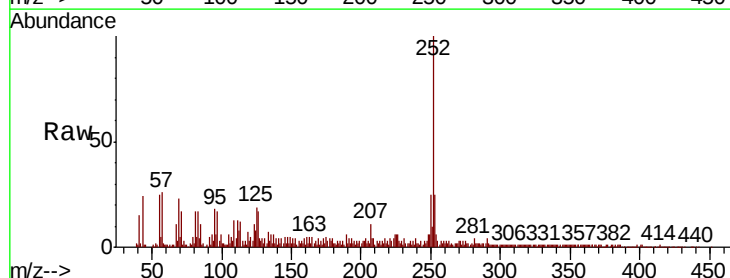
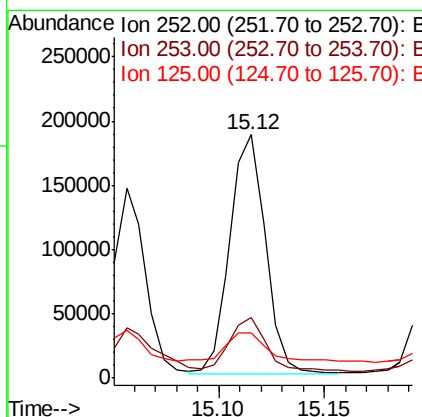
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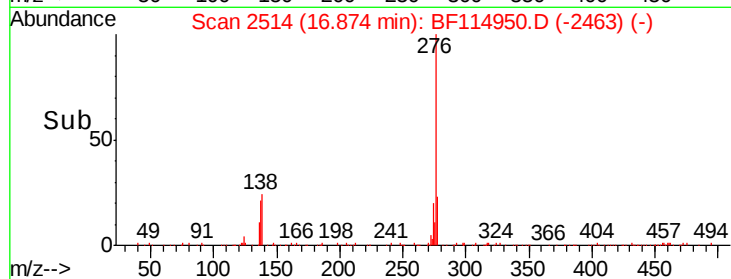
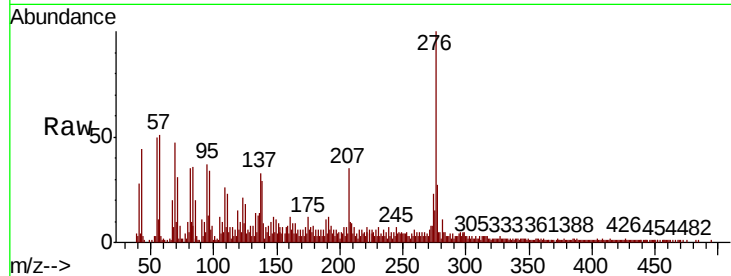
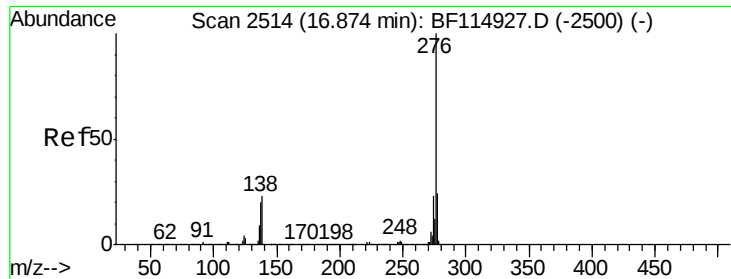
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#90
Benzo(a)pyrene
Concen: 6.525 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	18.8	10.1	15.1#





#92
 Benzo(a,h,i)perylene
 Concen: 3.993 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. -0.00 min
 Lab File: BF114950.D
 Acq: 11 Jun 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.0	28.6
138	28.9	18.7	28.1

Manual Integrations
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