

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114943.D
 Acq On : 11 Jun 2019 13:52
 Operator : HP/JU
 Sample : K3160-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 6/12/2019 9:03:38 AM

Quant Time: Jun 11 14:34:30 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	240717	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	924766	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	454839	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	826843	20.00	ng	0.00
76) Chrysene-d12	13.78	240	628472	20.00	ng	-0.01
87) Perylene-d12	15.17	264	619662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	672107	47.25	ng	0.00
7) Phenol-d6	6.30	99	839340	48.92	ng	-0.01
23) Nitrobenzene-d5	7.22	82	489489	32.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	220255	44.52	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1023484	35.71	ng	0.00
79) Terphenyl-d14	12.75	244	950012	30.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.41	163	95324	2.788	ng	98
71) Phenanthrene	11.18	178	270455	6.742	ng	96
75) Fluoranthene	12.36	202	298618	7.197	ng	85
78) Pyrene	12.59	202	331432	6.055	ng	96
81) Benzo(a)anthracene	13.77	228	166186	3.576	ng	96
83) Chrysene	13.80	228	161587	3.463	ng	96
88) Benzo(b)fluoranthene	14.79	252	204103m	5.059	ng	
90) Benzo(a)pyrene	15.12	252	133426	3.808	ng	# 94

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

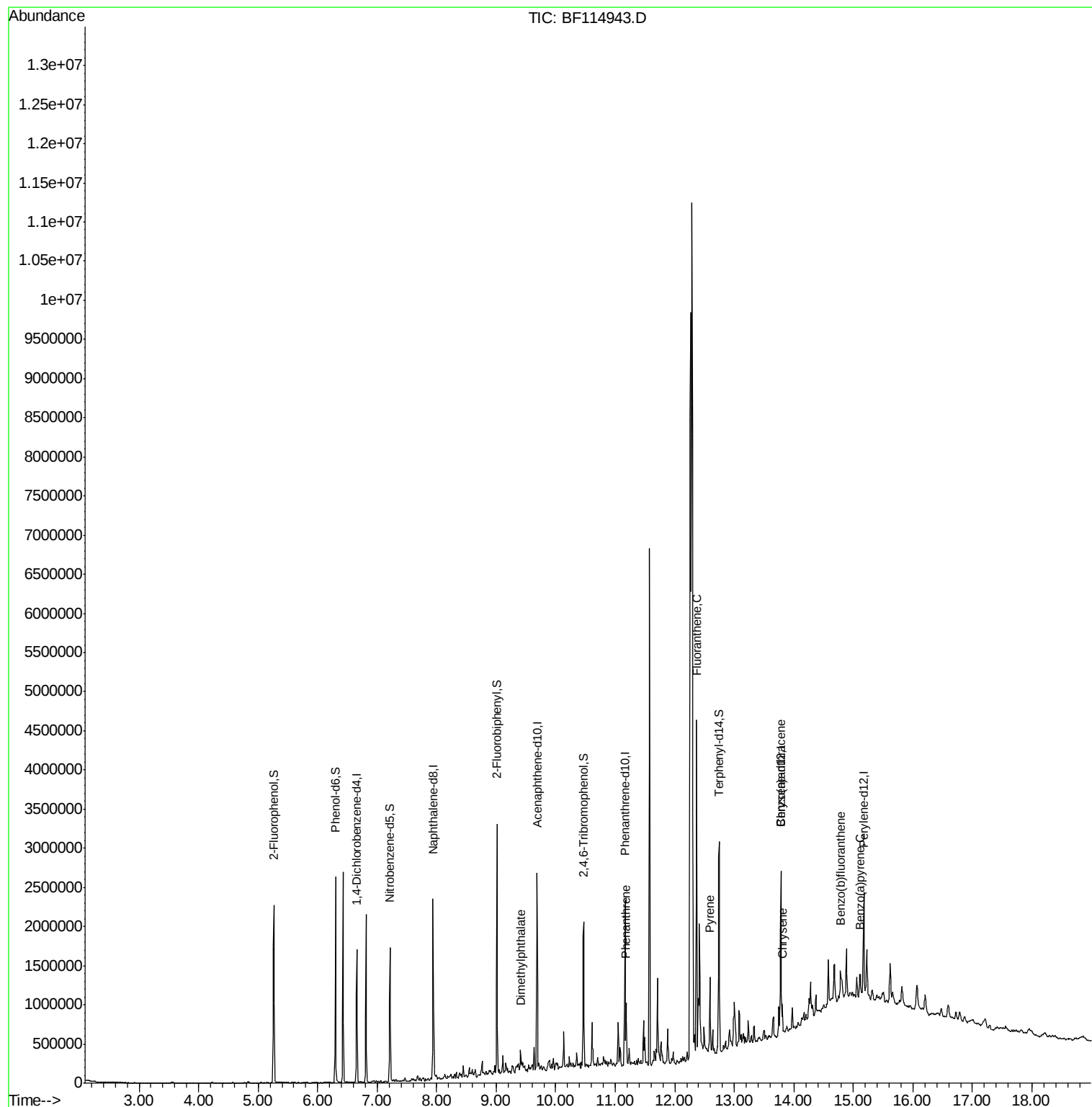
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114943.D
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ALS Vial : 9 Sample Multiplier: 1

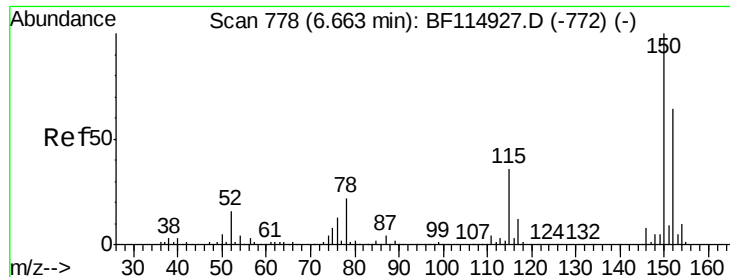
Instrument :
BNA_F
ClientSampleId :
EO-02-060619-C

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Quant Time: Jun 11 14:34:30 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





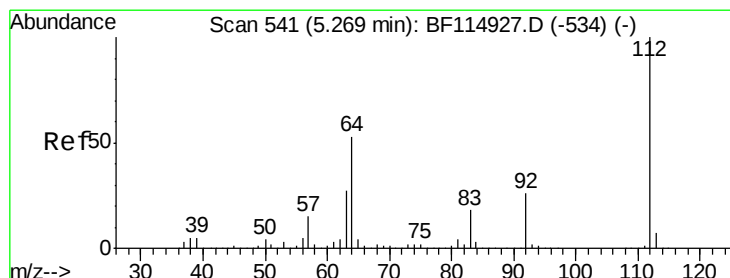
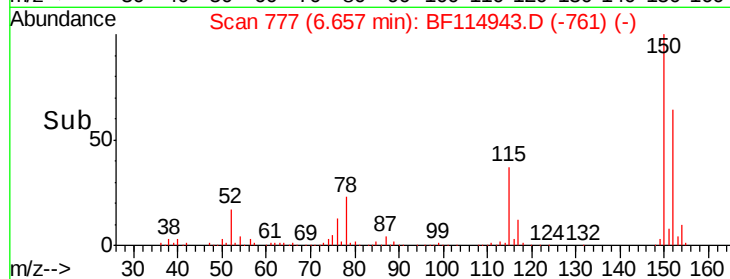
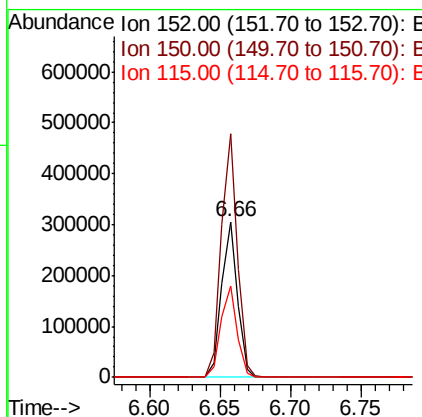
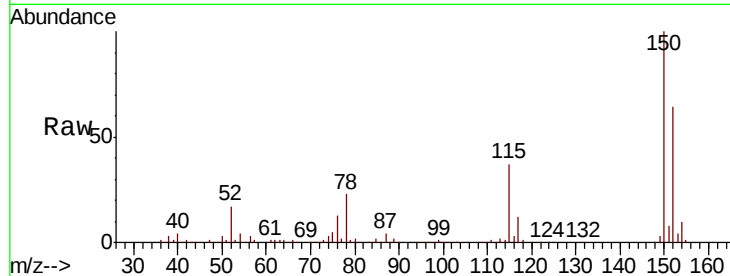
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF114943.D
 Acq: 11 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.2	187.8
115	58.5	45.0	67.4

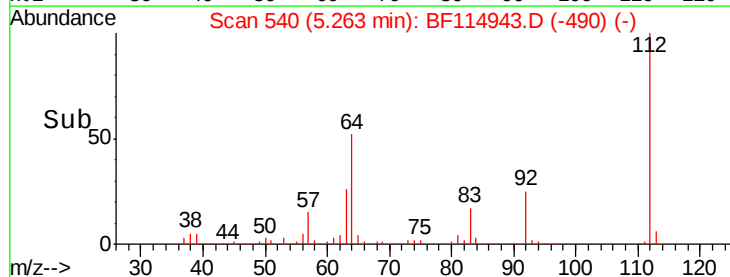
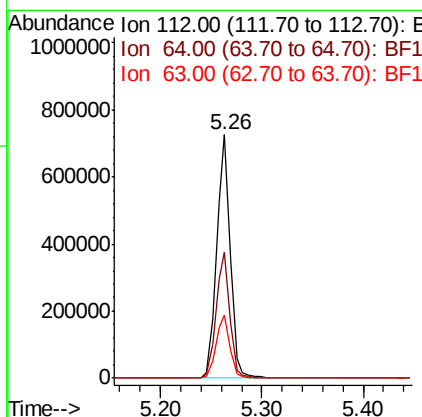
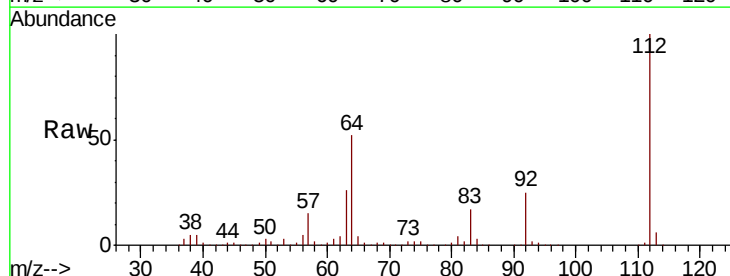
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#5
 2-Fluorophenol
 Concen: 47.254 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF114943.D
 Acq: 11 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.1	63.1
63	25.9	21.8	32.8





#7

Phenol-d6

Concen: 48.924 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114943.D

Acq: 11 Jun 2019 13:52

Instrument :

BNA_F

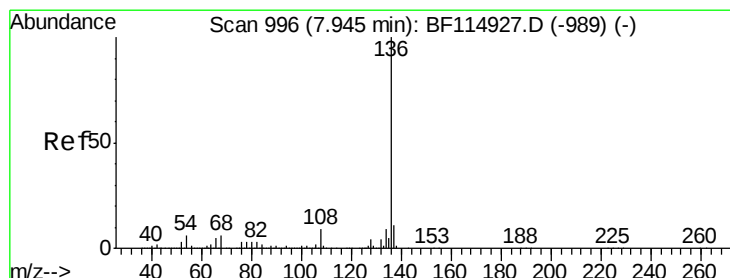
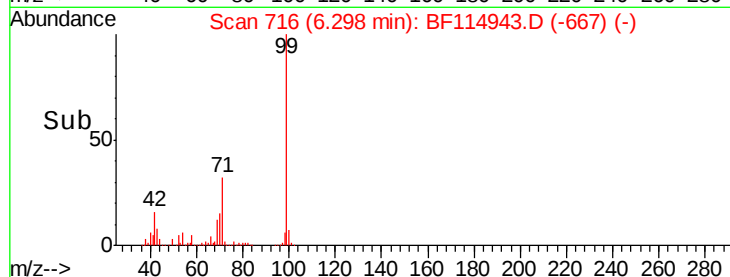
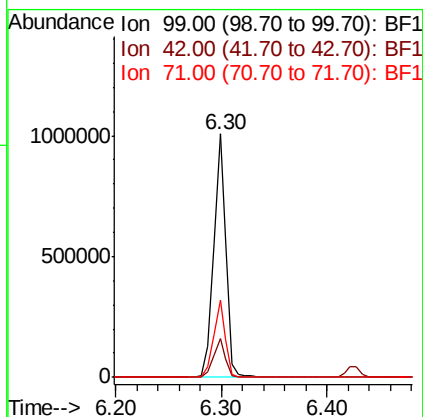
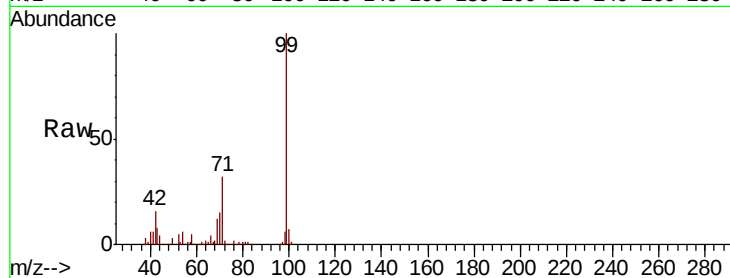
ClientSampleId :

EO-02-060619-C

Tot Ion:	99	Resp:	839340
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.1	19.7
71	32.0	26.8	40.2

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#21

Naphthalene-d8

Concen: 20.000 ng

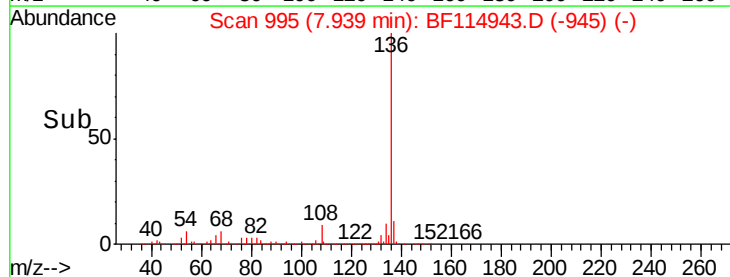
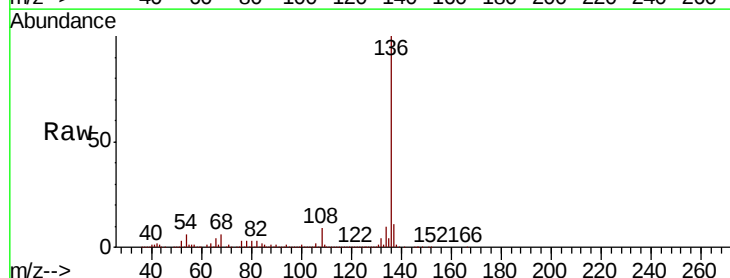
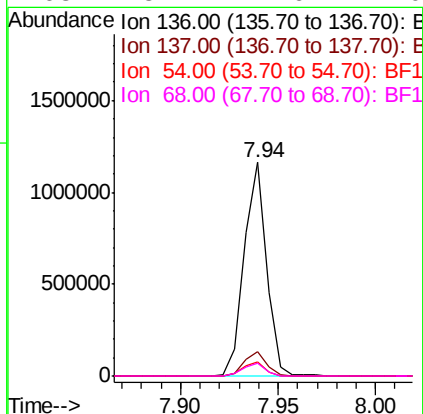
RT: 7.94 min Scan# 995

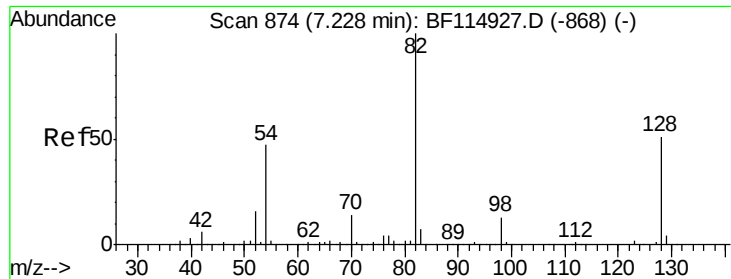
Delta R.T. -0.01 min

Lab File: BF114943.D

Acq: 11 Jun 2019 13:52

Tgt Ion:	136	Resp:	924766
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	6.5	5.2	7.8
68	5.7	4.6	7.0





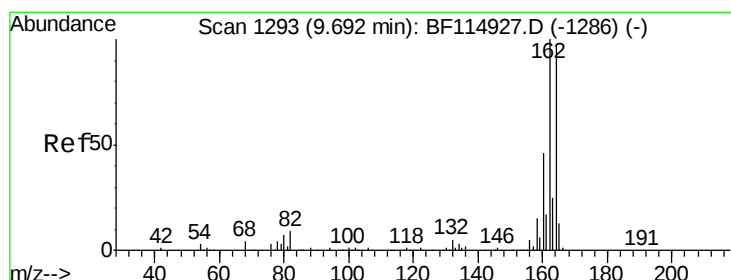
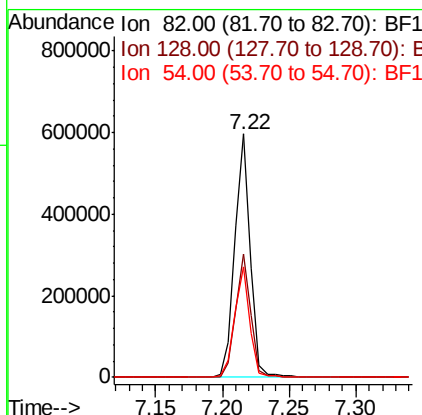
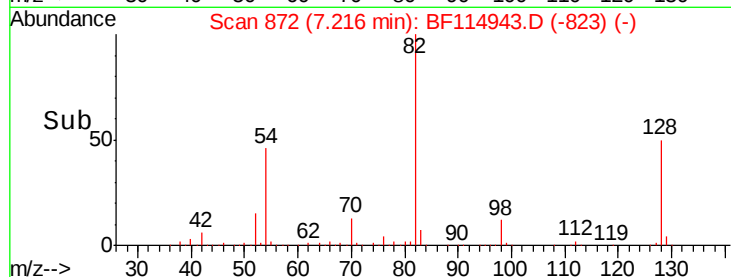
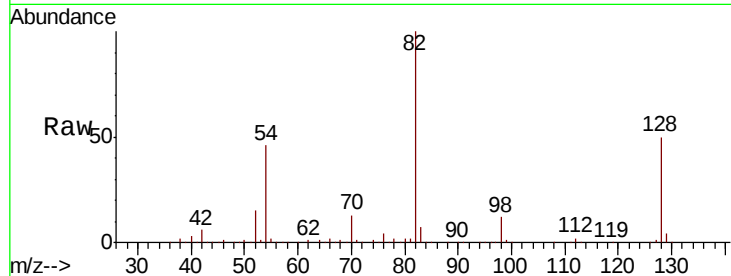
#23
Nitrobenzene-d5
Concen: 32.522 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	489489		
128	50.5		40.9	61.3
54	45.5		37.4	56.0

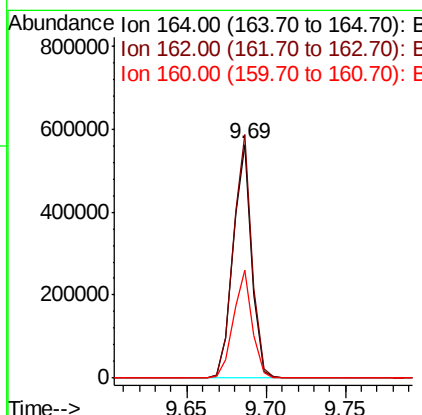
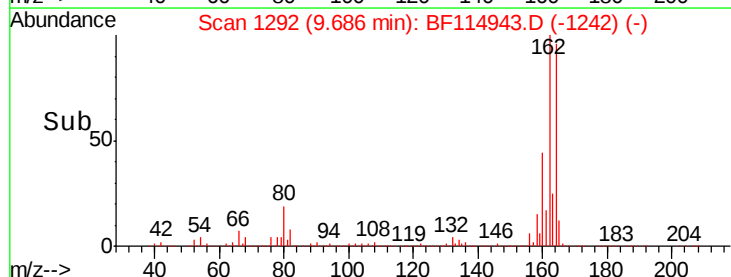
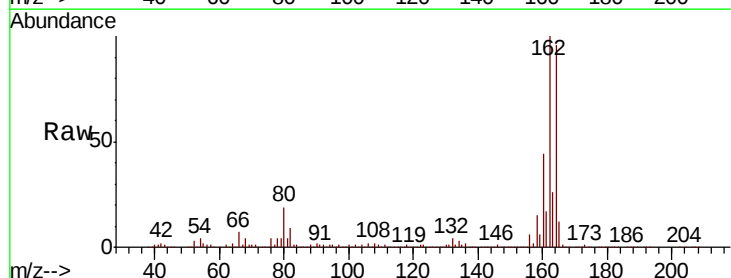
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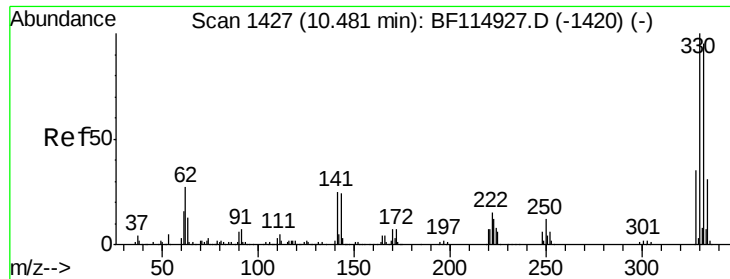
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	454839		
162	104.1		82.4	123.6
160	46.2		37.5	56.3





#42

2,4,6-Tribromophenol

Concen: 44.516 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114943.D

Acq: 11 Jun 2019 13:52

Instrument :

BNA_F

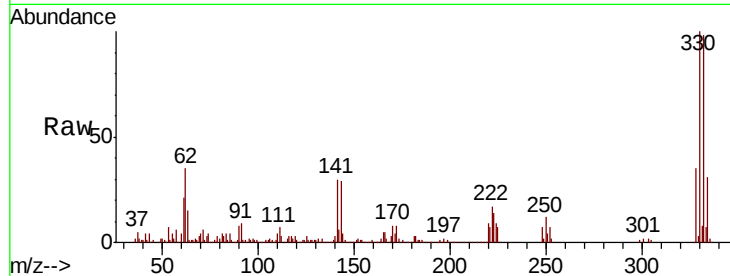
ClientSampleId :

EO-02-060619-C

Tot Ion:	330	Resp:	220255
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.4	114.6
141	34.1	26.8	40.2

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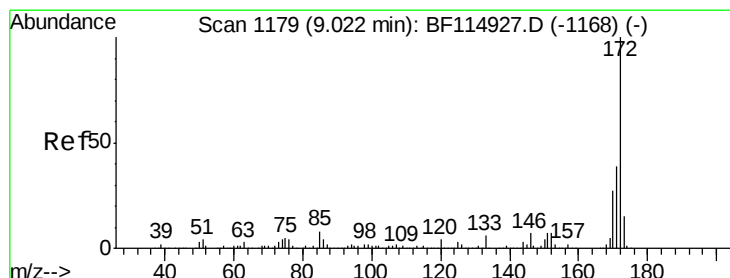
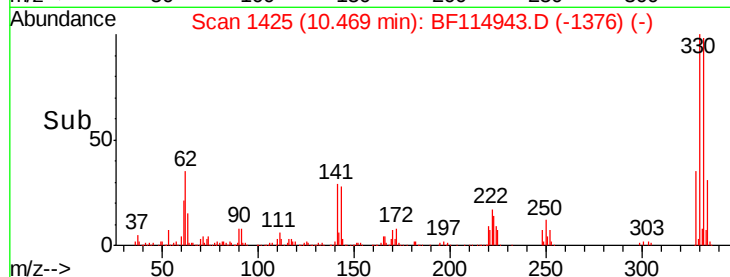
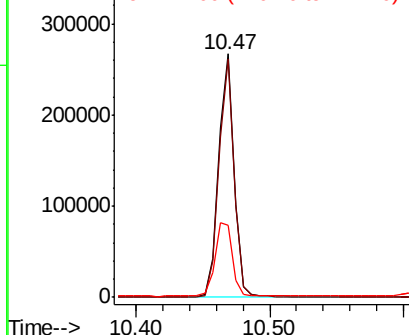


Abundance

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: 35.712 ng

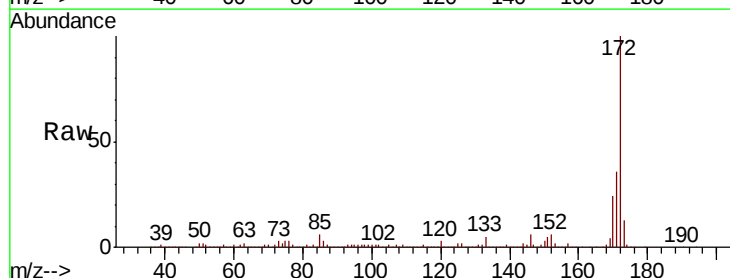
RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114943.D

Acq: 11 Jun 2019 13:52

Tgt Ion:	172	Resp:	1023484
Ion Ratio	Lower	Upper	
172	100		
171	35.8	31.3	46.9
170	23.9	21.4	32.0

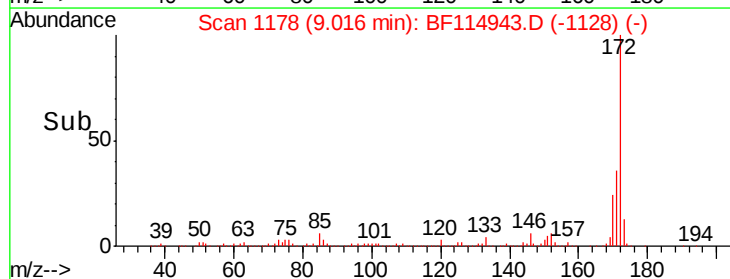
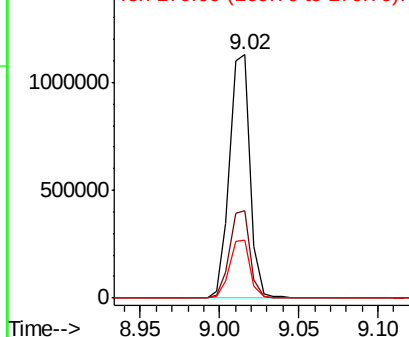


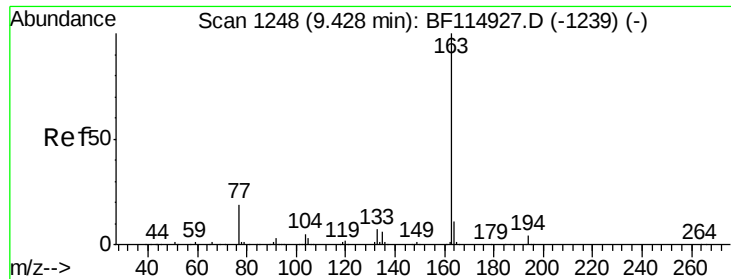
Abundance

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





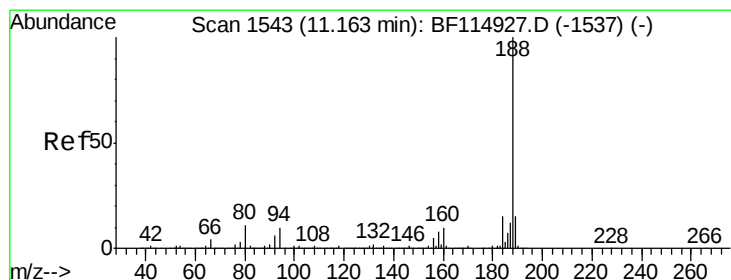
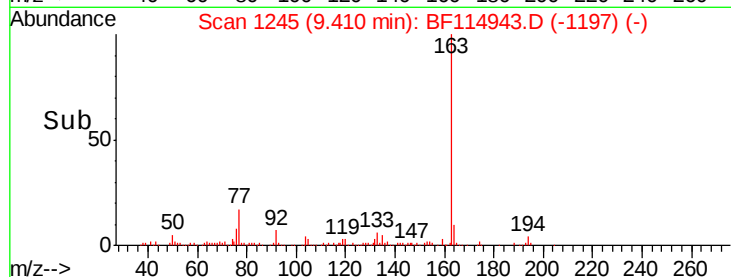
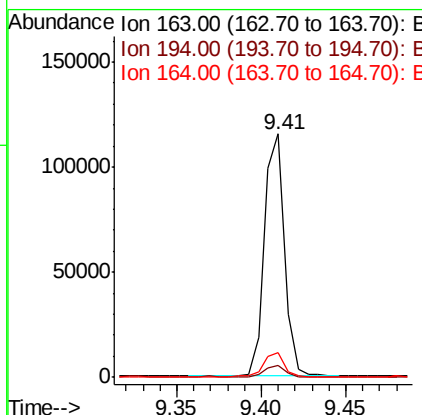
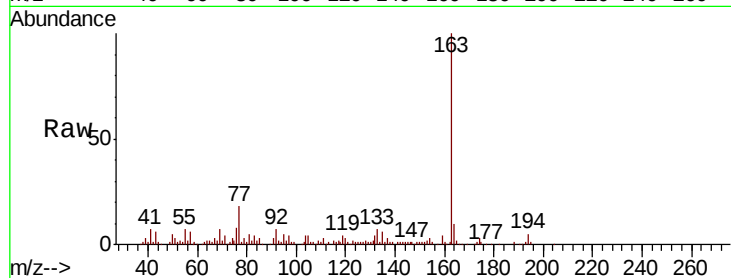
#50
Dimethylphthalate
Concen: 2.788 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.0	8.7	13.1

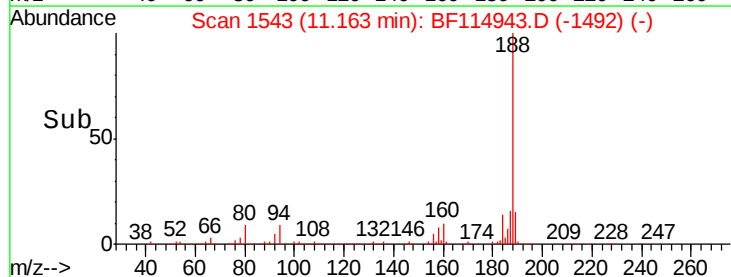
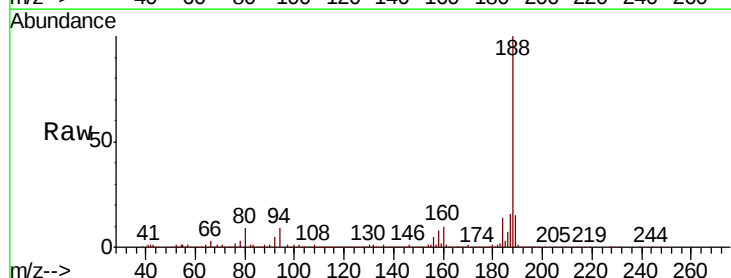
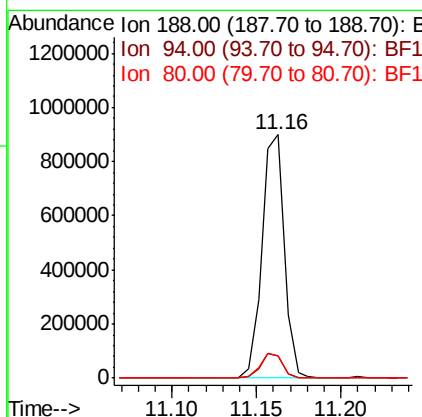
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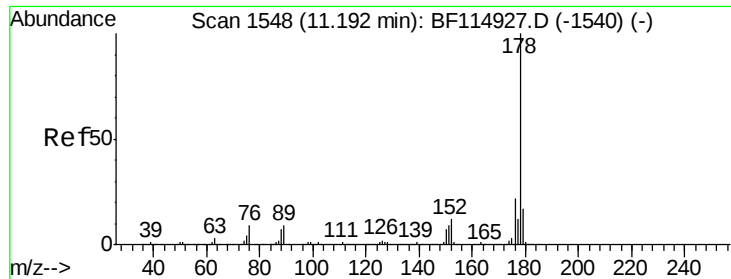
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.1	12.1
80	9.1	8.6	12.8





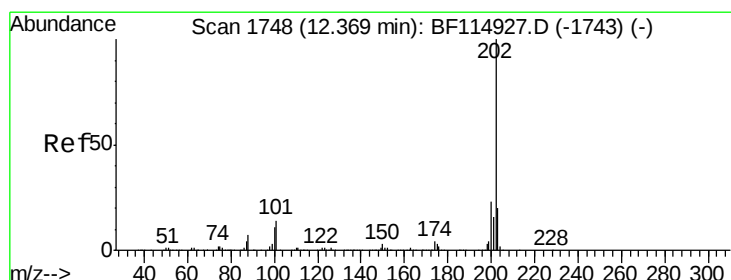
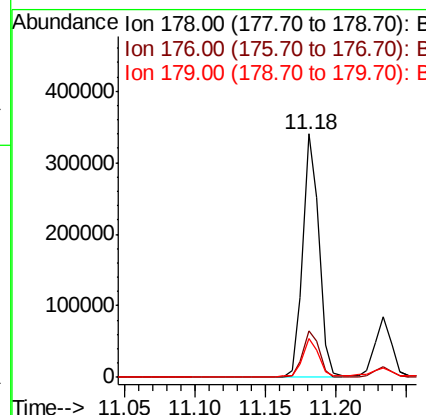
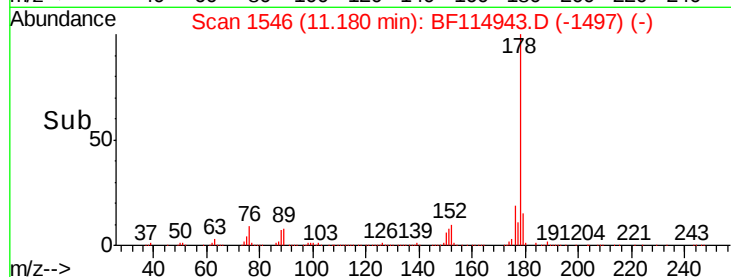
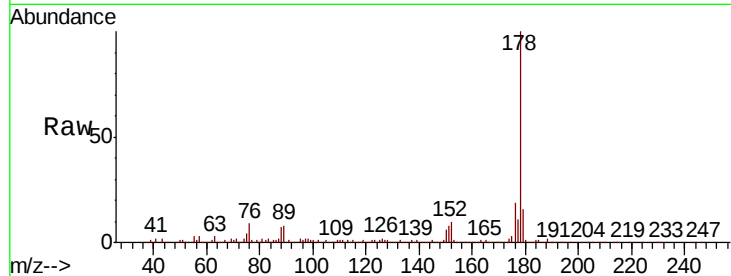
#71
Phenanthrene
Concen: 6.742 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.4	26.2
179	15.9	13.6	20.4

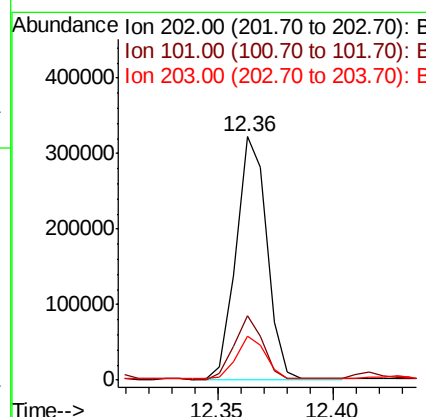
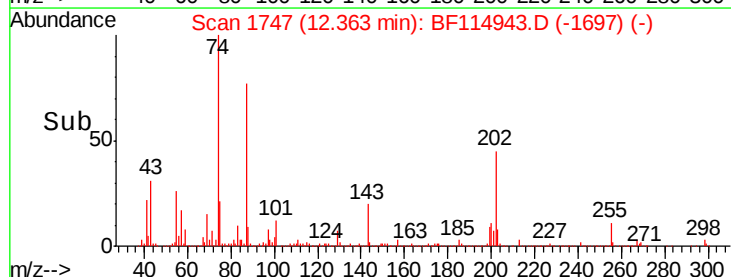
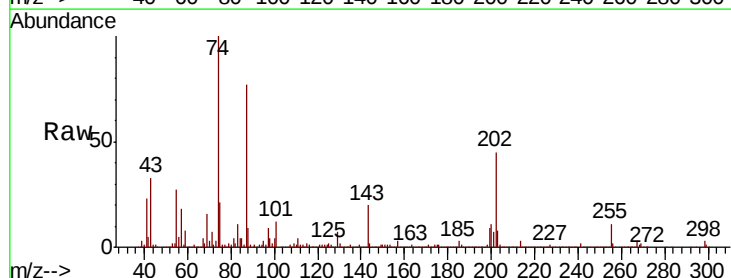
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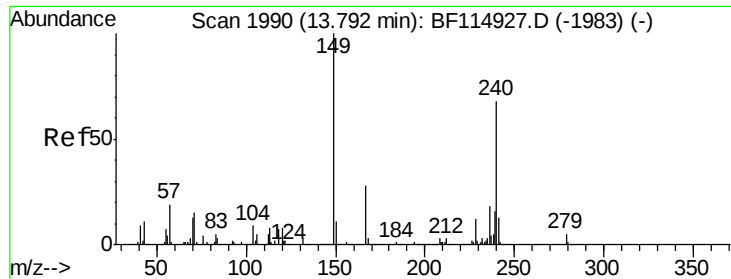
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#75
Fluoranthene
Concen: 7.197 ng
RT: 12.36 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	26.6	0.0	34.3
203	17.9	0.0	39.6





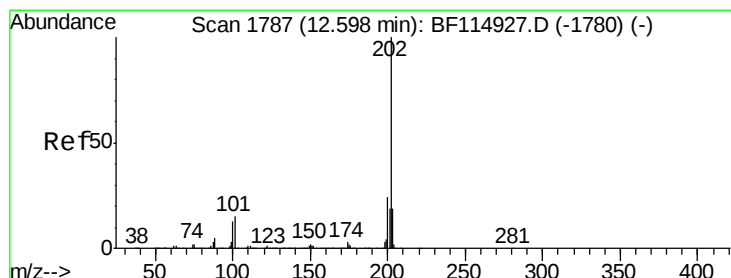
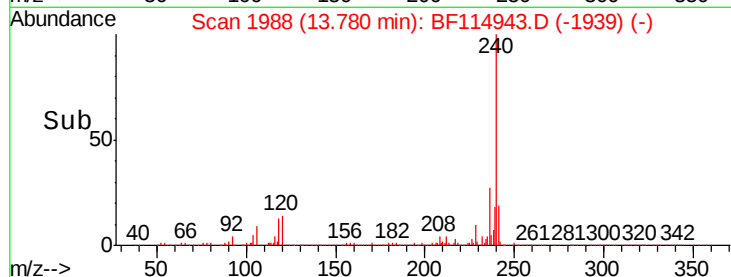
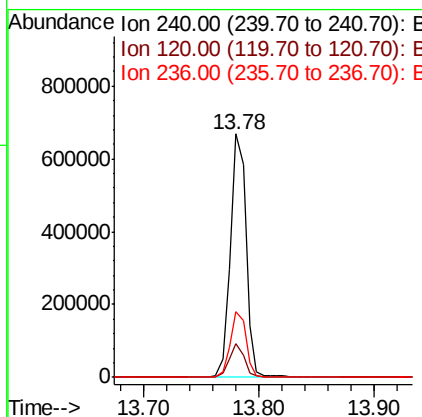
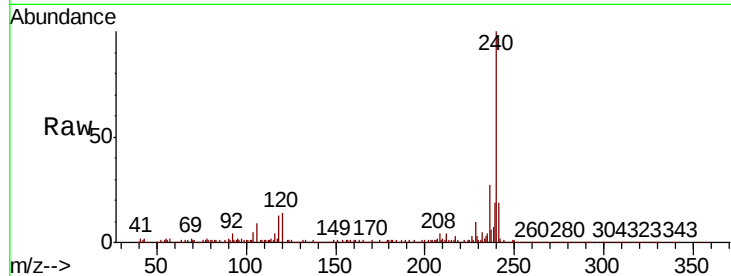
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.2	13.8#
236	26.9	21.7	32.5

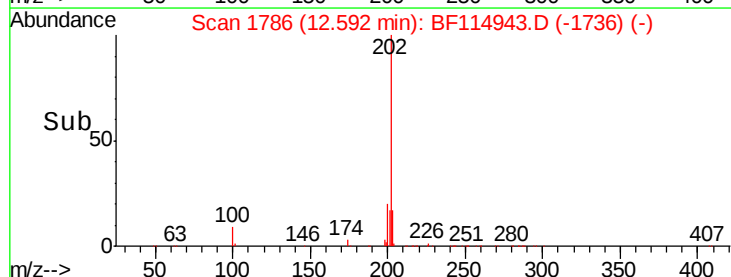
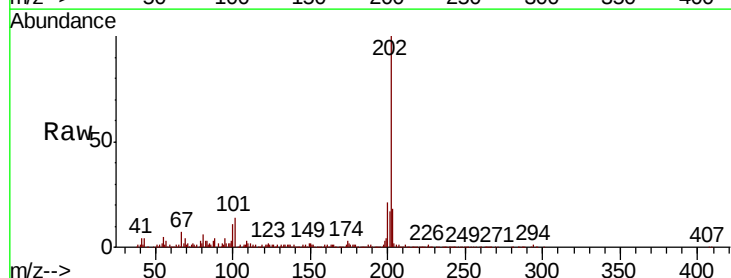
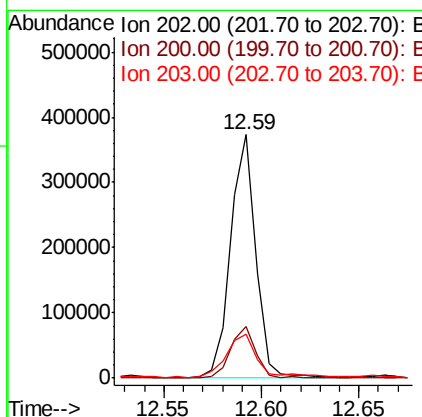
Manual Integrations
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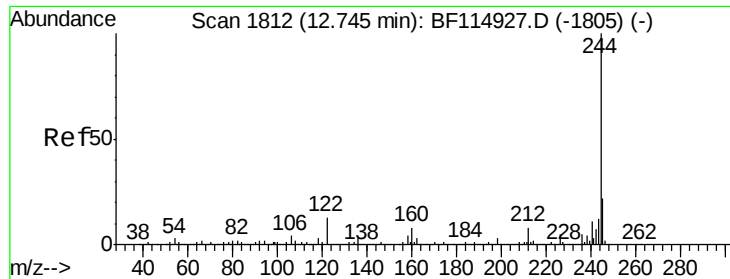
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#78
Pyrene
Concen: 6.055 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.9	28.3
203	18.0	15.2	22.8





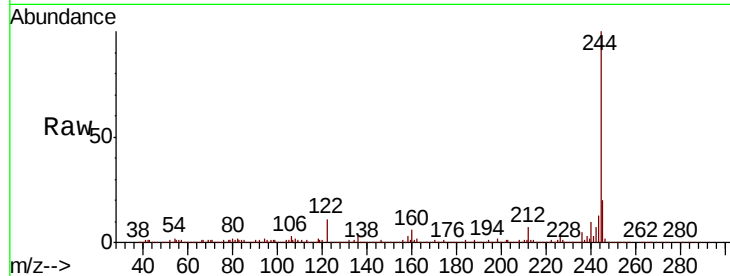
#79
 Terphenyl-d14
 Concen: 30.062 ng
 RT: 12.75 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BF114943.D
 Acq: 11 Jun 2019 13:52

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

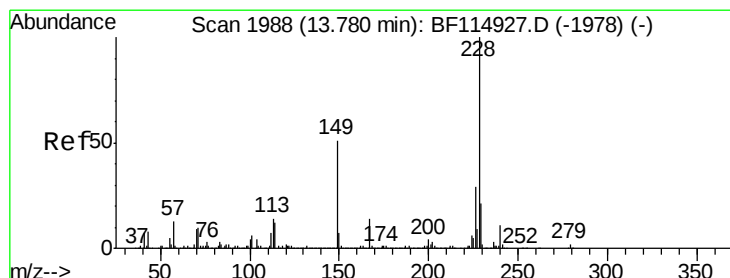
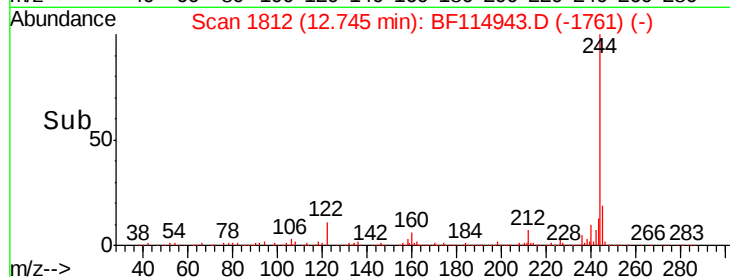
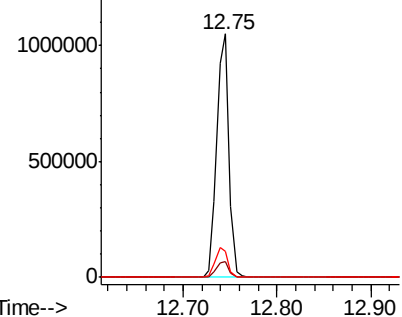
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	10.8	10.2	15.4

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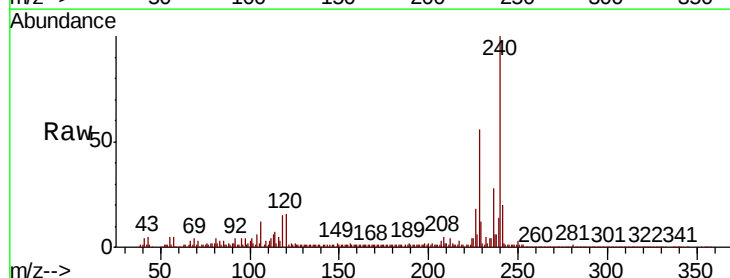


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

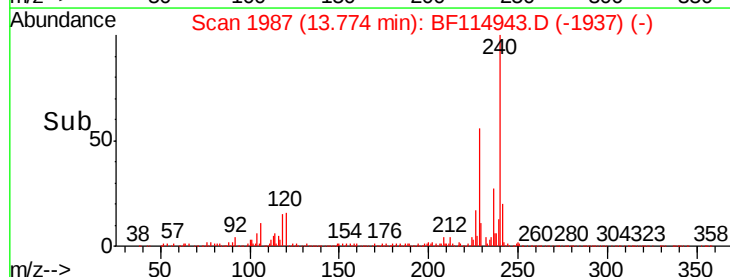
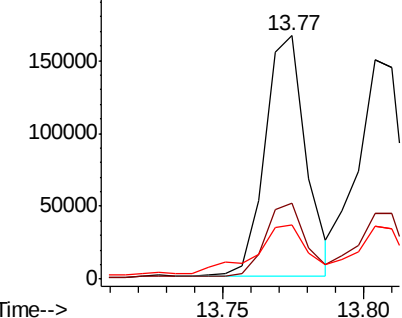


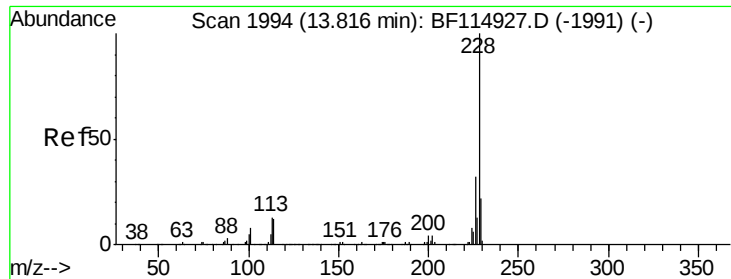
#81
 Benzo(a)anthracene
 Concen: 3.576 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF114943.D
 Acq: 11 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.8	34.2
229	22.0	16.6	25.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





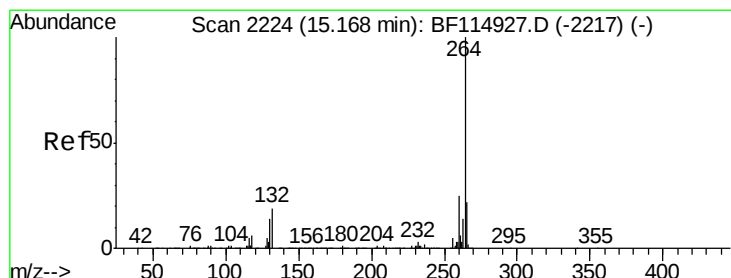
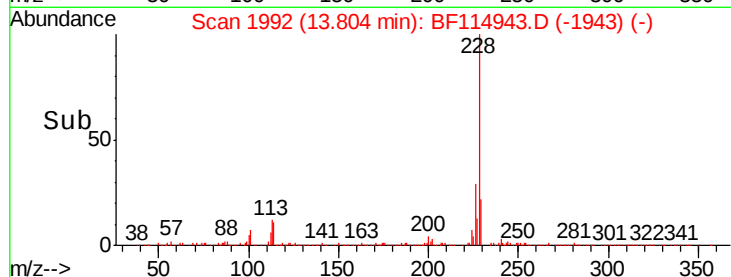
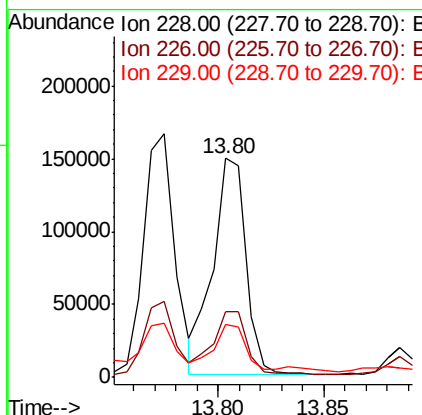
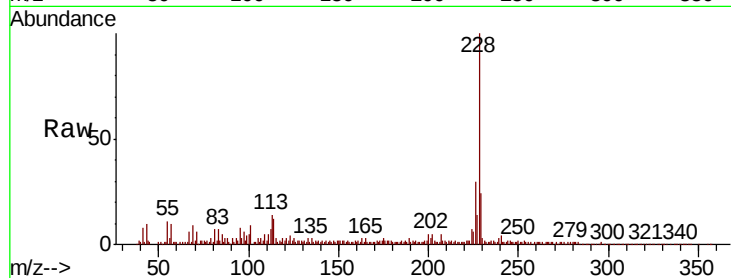
#83
Chrysene
Concen: 3.463 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.8	38.8
229	24.1	17.2	25.8

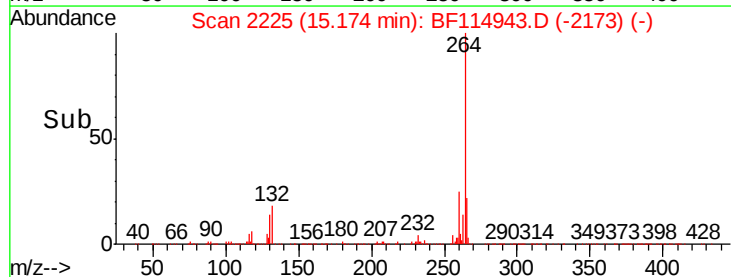
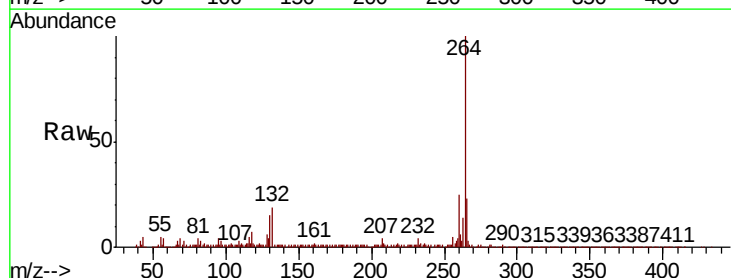
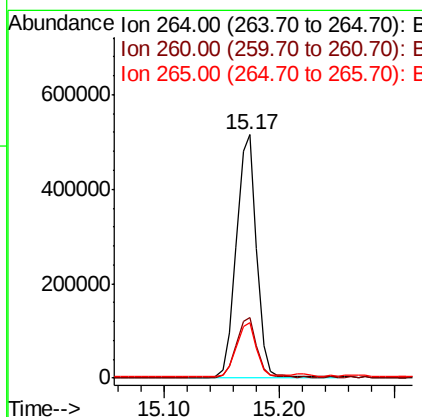
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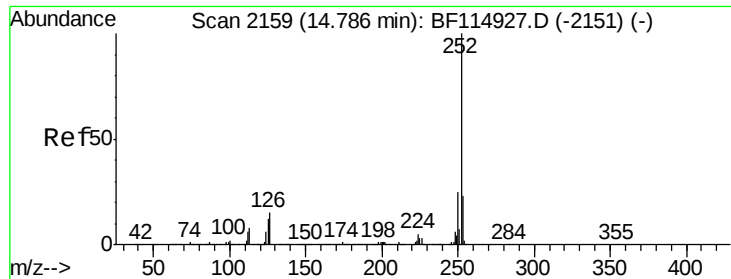
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.9	17.5	26.3





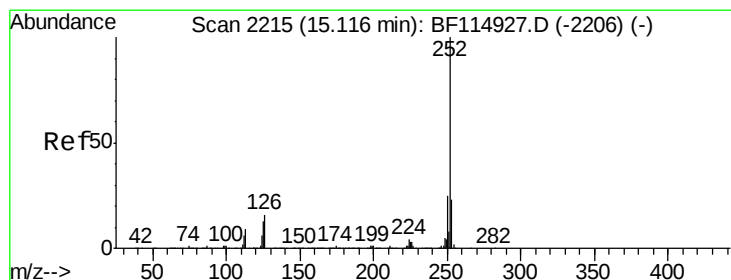
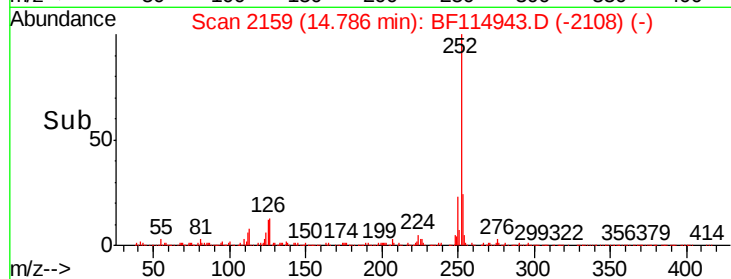
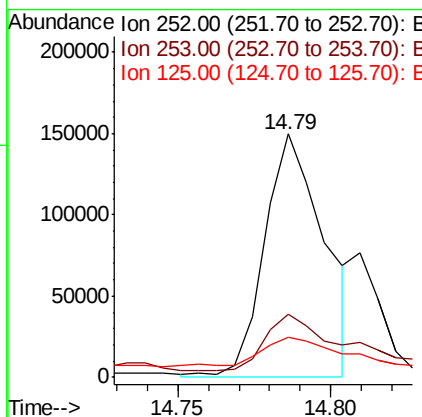
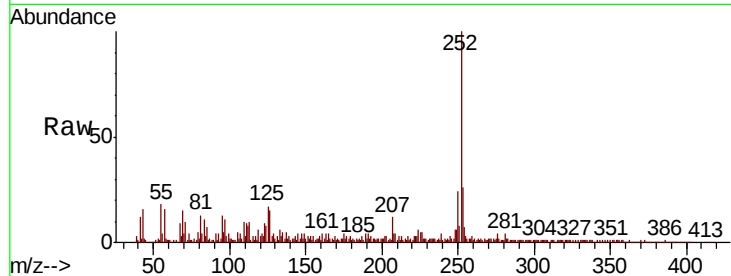
#88
Benzo(b)fluoranthene
Concen: 5.059 ng m
RT: 14.79 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.6	28.0
125	16.7	9.5	14.3

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#90
Benzo(a)pyrene
Concen: 3.808 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF114943.D
Acq: 11 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	16.7	10.1	15.1

