

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114299.D
 Acq On : 15 May 2019 21:52
 Operator : JU/SJ
 Sample : K2848-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-040-A

Manual Integrations
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mohammad
 5/16/2019 9:51:17 AM

Quant Time: May 16 08:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	273675	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1044082	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	468777	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	833695	20.00	ng	0.00
76) Chrysene-d12	14.02	240	586134	20.00	ng	0.00
87) Perylene-d12	15.50	264	532229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1290226	75.87	ng	0.00
7) Phenol-d6	6.50	99	1770854	88.04	ng	0.00
23) Nitrobenzene-d5	7.41	82	1075532	57.81	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	384748	79.39	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1696850	54.75	ng	0.00
79) Terphenyl-d14	12.95	244	1459761	51.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	371602	10.798	ng	98
71) Phenanthrene	11.39	178	299754	7.390	ng	98
75) Fluoranthene	12.59	202	435737	9.976	ng	99
78) Pyrene	12.82	202	391685	8.307	ng	99
81) Benzo(a)anthracene	14.00	228	223484	5.895	ng	98
83) Chrysene	14.04	228	190555	5.128	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	78317	2.384	ng	98
88) Benzo(b)fluoranthene	15.07	252	248143m	7.277	ng	
89) Benzo(k)fluoranthene	15.09	252	72513m	2.315	ng	
90) Benzo(a)pyrene	15.43	252	160534	5.350	ng	# 89
92) Benzo(g,h,i)perylene	17.44	276	71718	2.870	ng	# 86

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

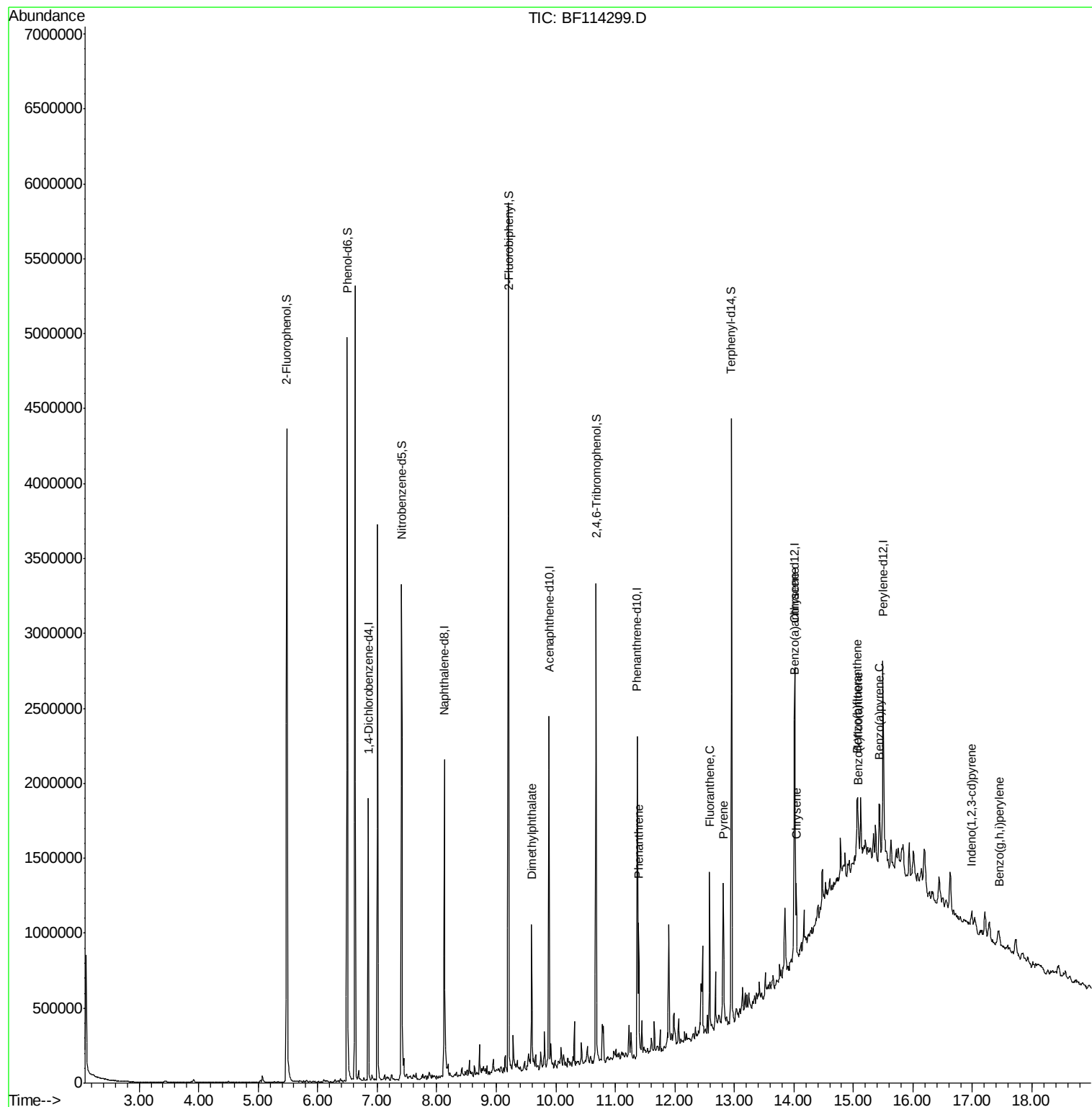
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114299.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

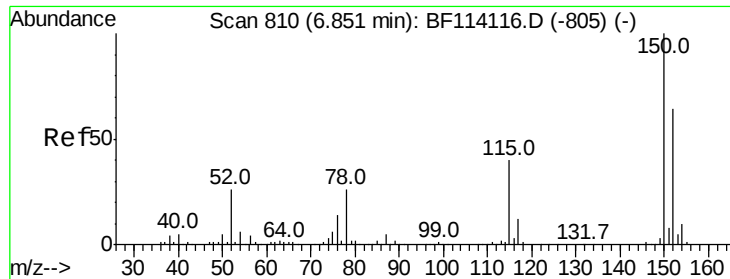
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-040-A

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Quant Time: May 16 08:25:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

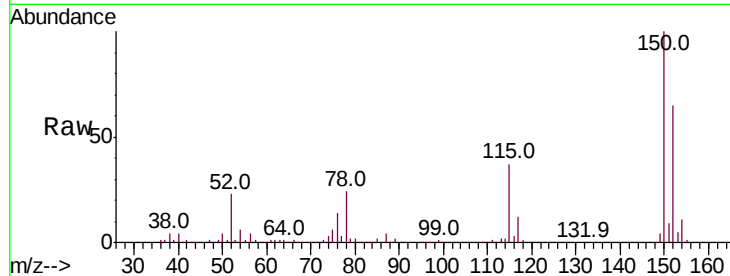
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-040-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.3	186.5
115	57.3	49.1	73.7

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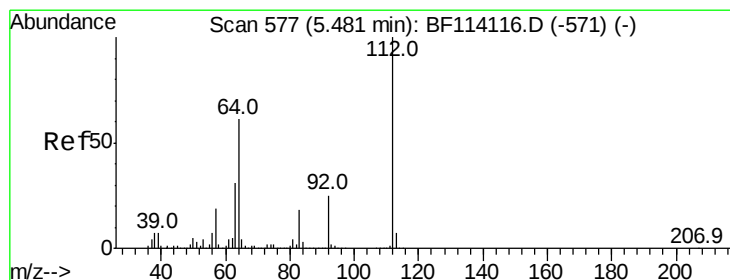
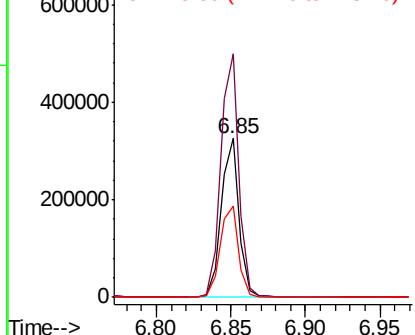
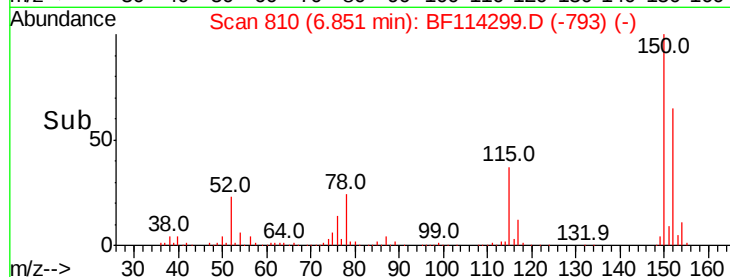


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

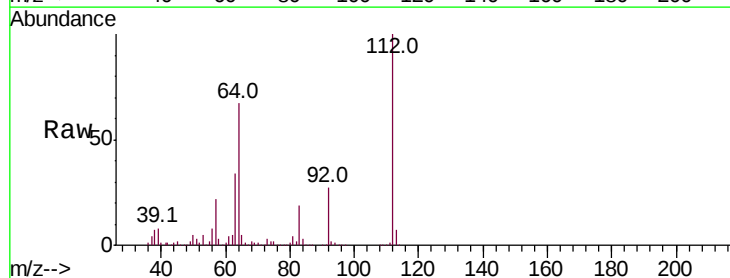
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.868 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	49.0	73.6
63	34.2	24.6	37.0

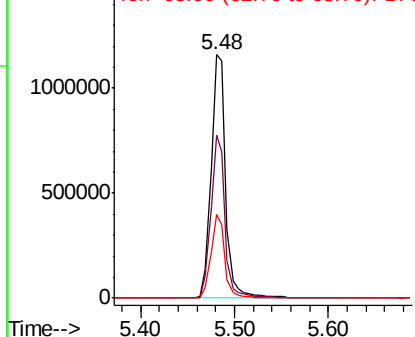
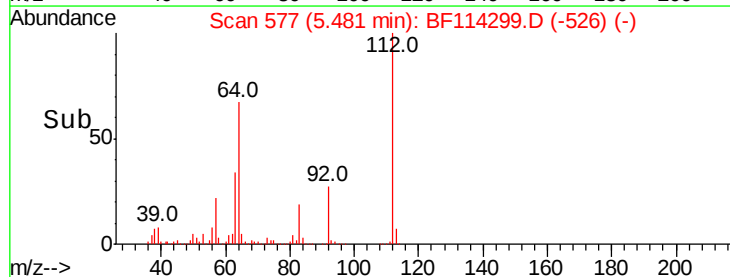


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 88.042 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114299.D

Acq: 15 May 2019 21:52

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-040-A

Tot Ion: 99 Resp: 1770854

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

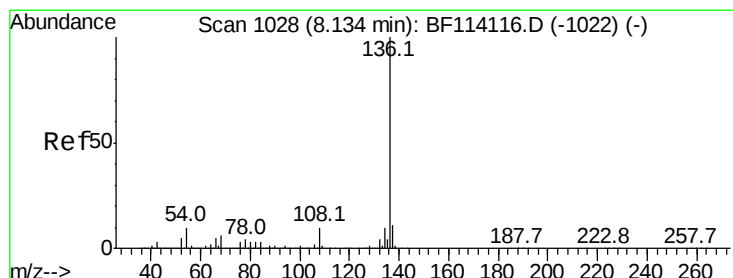
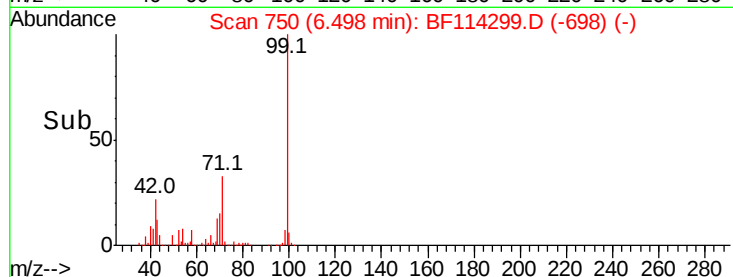
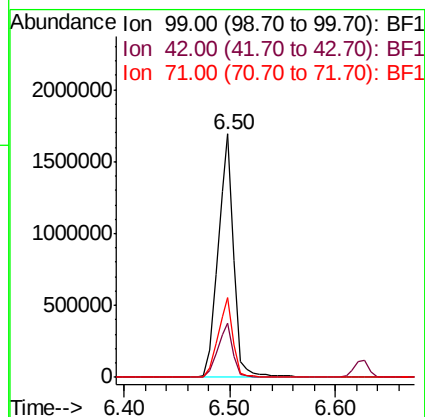
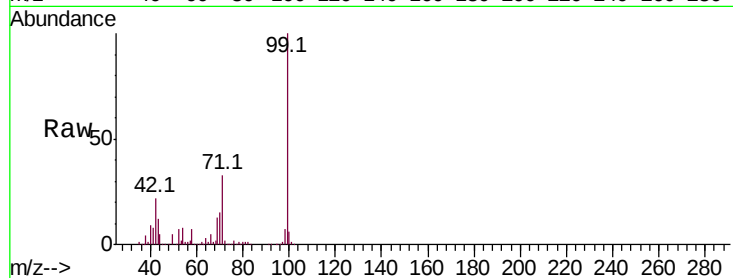
71 32.9 26.2 39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114299.D

Acq: 15 May 2019 21:52

Tgt Ion:136 Resp: 1044082

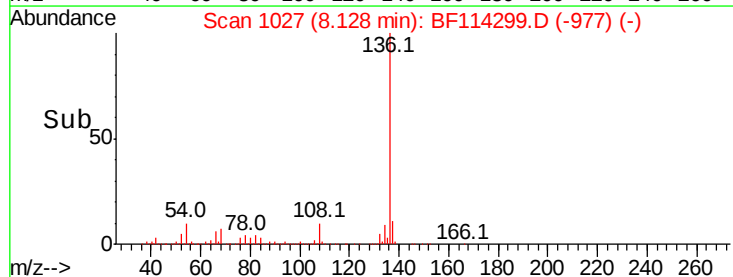
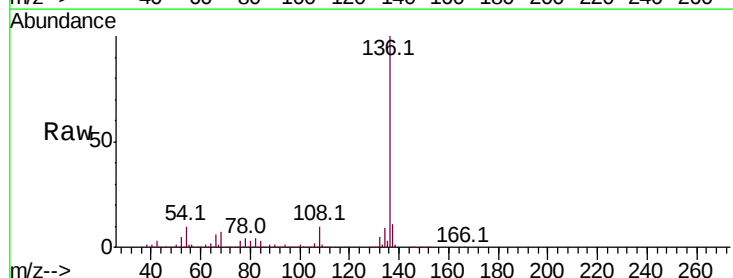
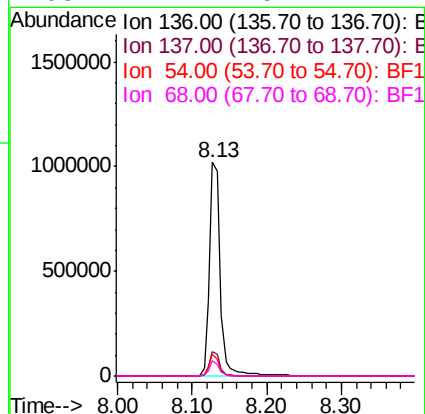
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.5 7.8 11.8

68 7.2 5.1 7.7





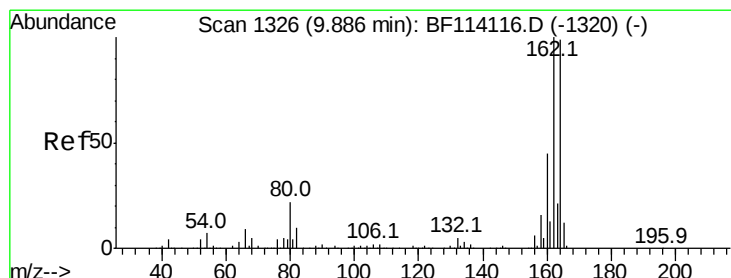
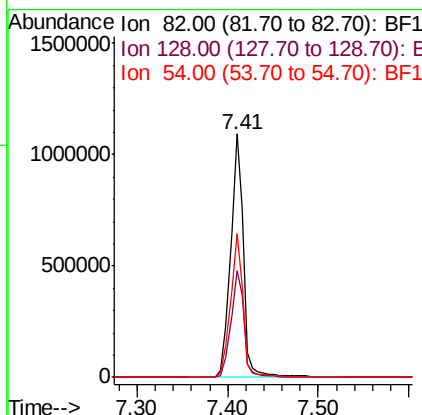
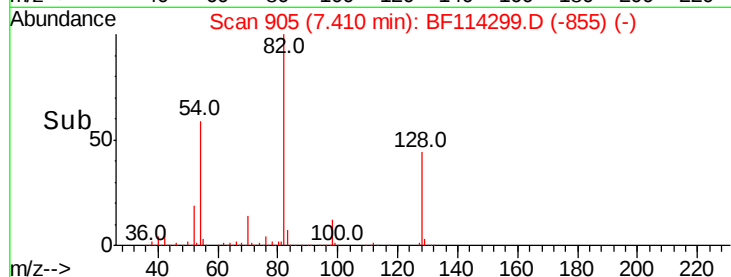
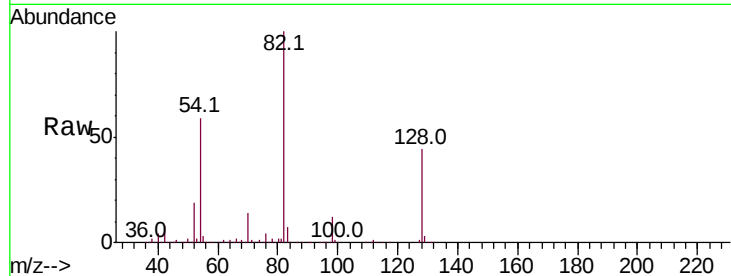
#23
 Nitrobenzene-d5
 Concen: 57.811 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114299.D
 Acq: 15 May 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-040-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.5	53.3
54	58.8	48.5	72.7

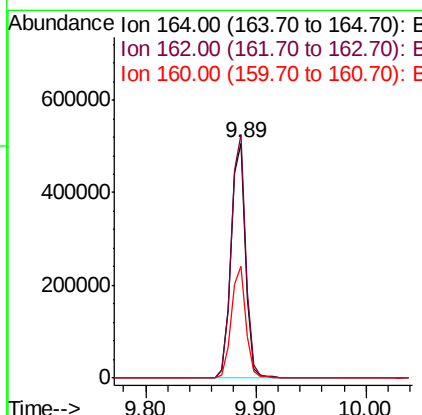
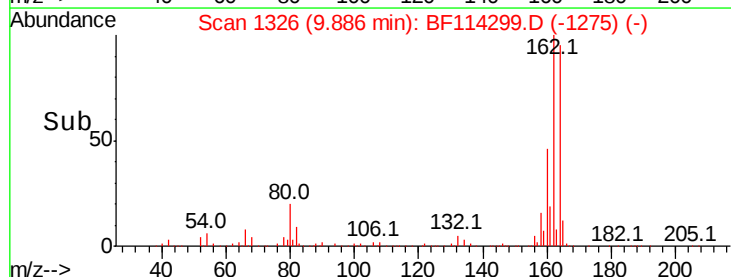
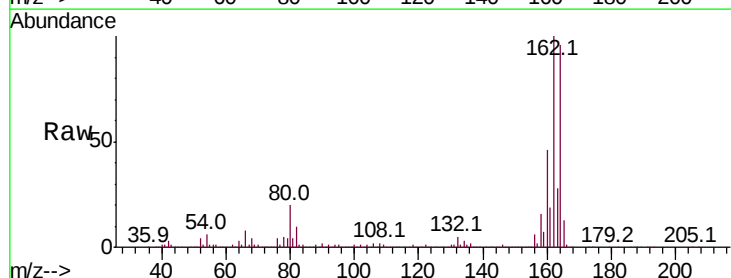
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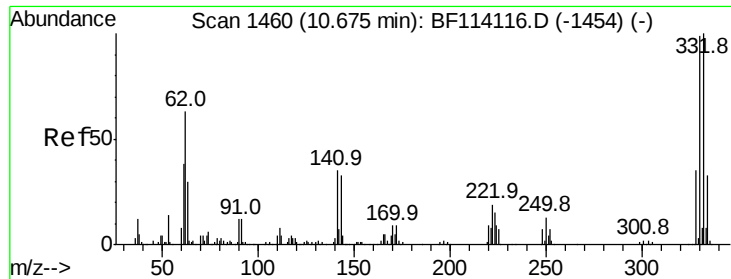
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114299.D
 Acq: 15 May 2019 21:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	47.7	36.5	54.7





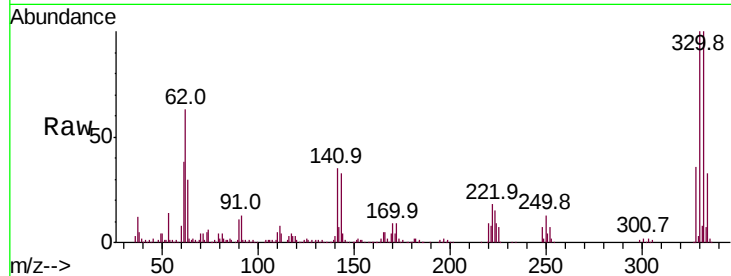
#42
 2,4,6-Tribromophenol
 Concen: 79.389 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114299.D
 Acq: 15 May 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-040-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	384748		
332	102.1		81.4	122.2
141	32.7		26.6	40.0

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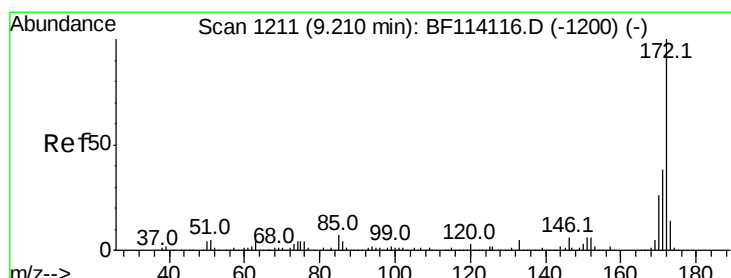
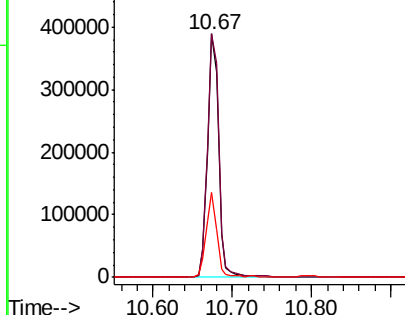
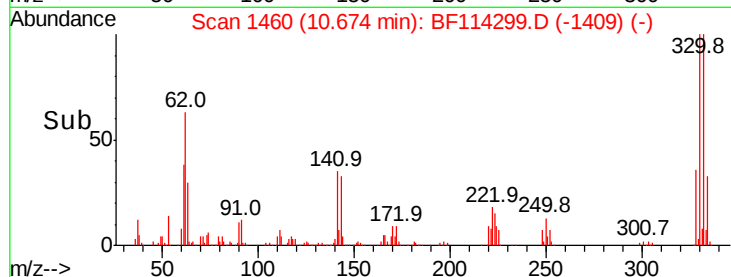


Abundance

Ion 329.80 (329.50 to 330.50): E

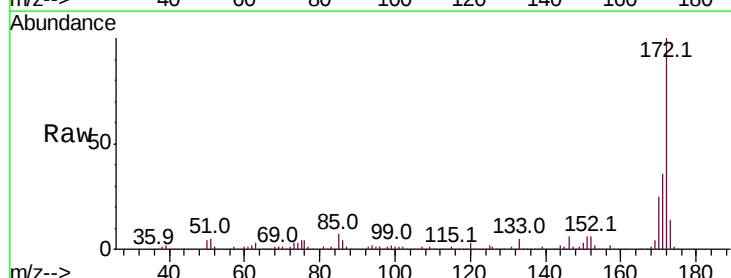
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 54.755 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114299.D
 Acq: 15 May 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1696850		
171	36.0		30.7	46.1
170	24.5		20.5	30.7

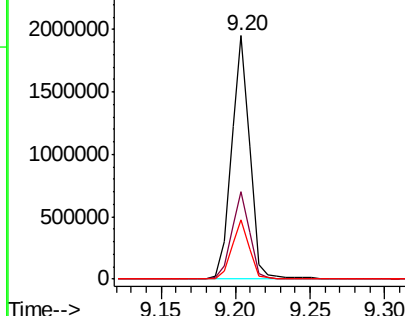
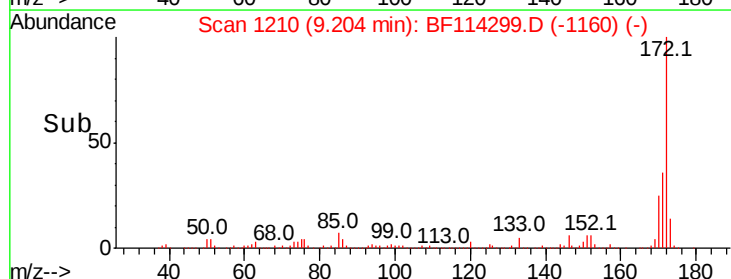


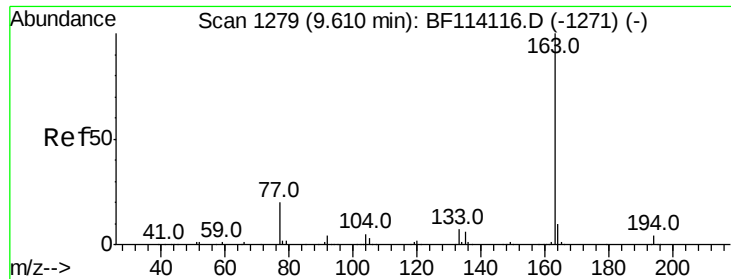
Abundance

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





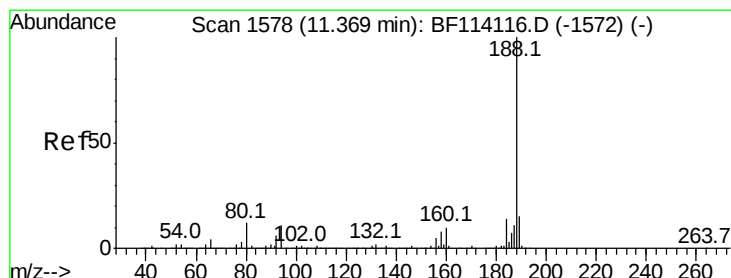
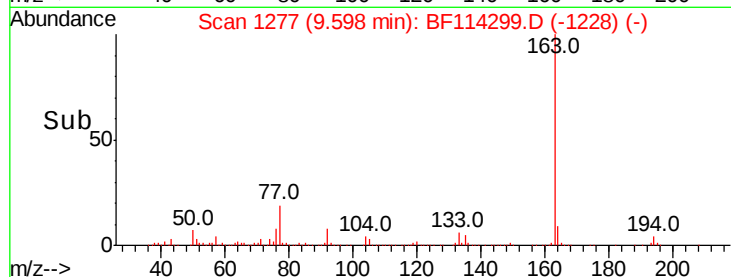
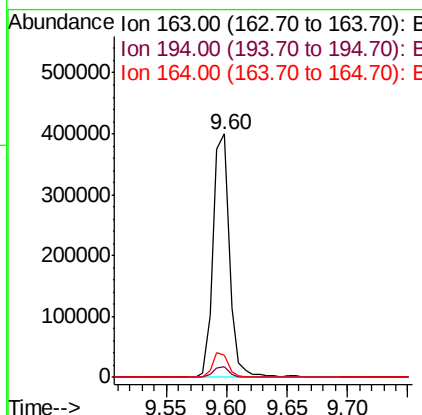
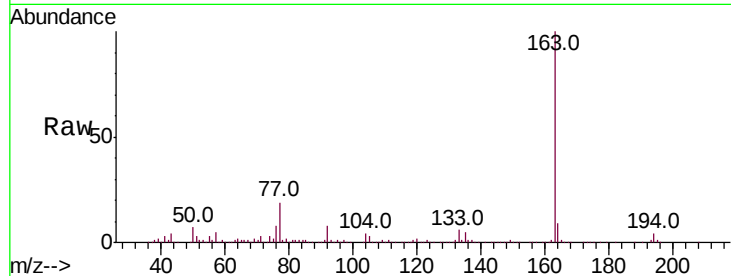
#50
Dimethylphthalate
Concen: 10.798 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-040-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	371602		
194	4.1	3.4	5.0	
164	9.2	8.2	12.2	

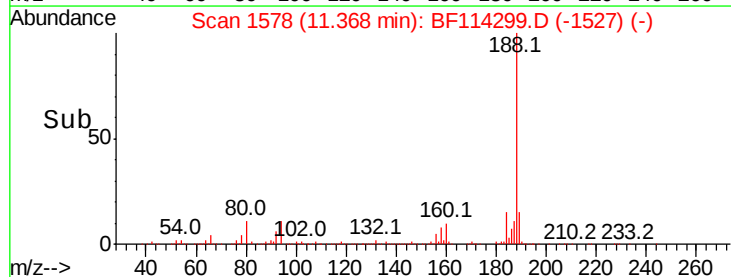
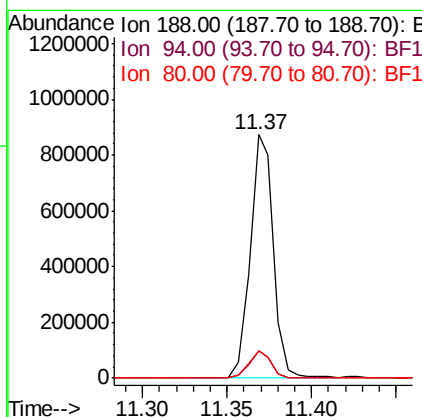
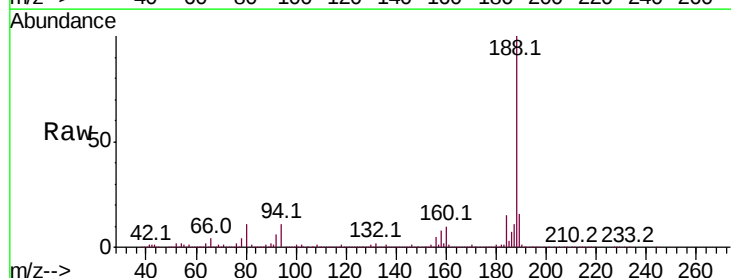
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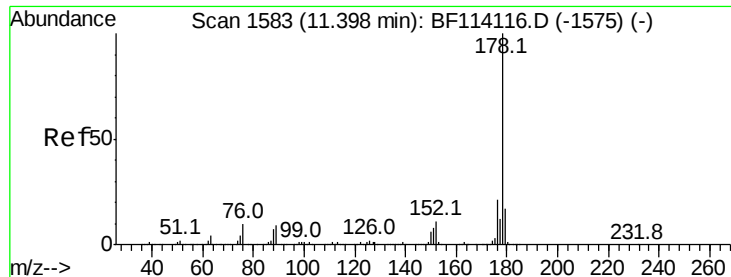
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	833695		
94	11.2	8.4	12.6	
80	11.4	9.2	13.8	





#71

Phenanthrene

Concen: 7.390 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF114299.D

Acq: 15 May 2019 21:52

Instrument :

BNA_F

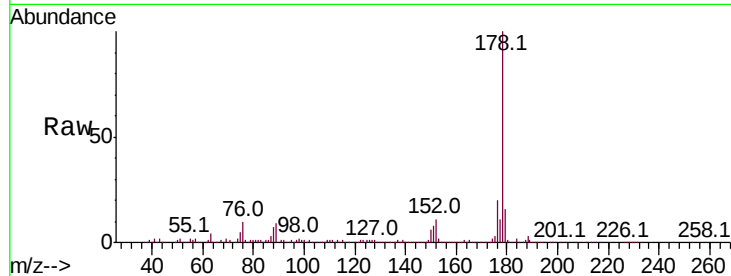
ClientSampleId :

FK-GF-02-040-A

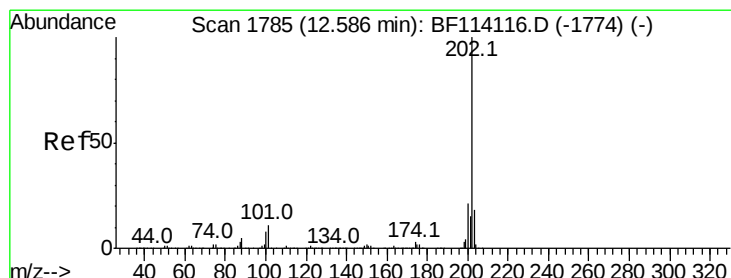
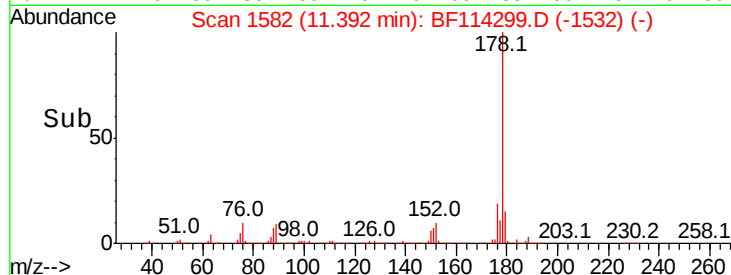
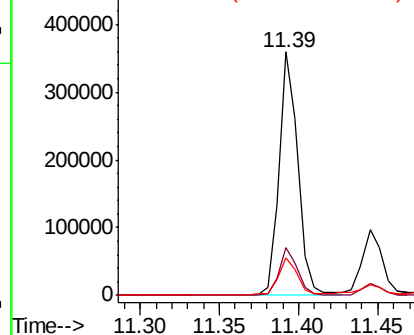
Tot Ion:	178	Resp:	299754
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.4	24.6
179	15.6	13.2	19.8

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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



#75

Fluoranthene

Concen: 9.976 ng

RT: 12.59 min Scan# 1785

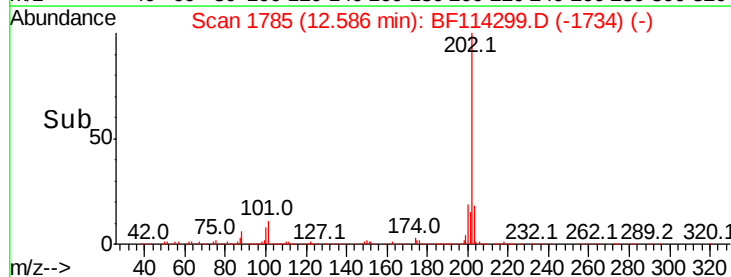
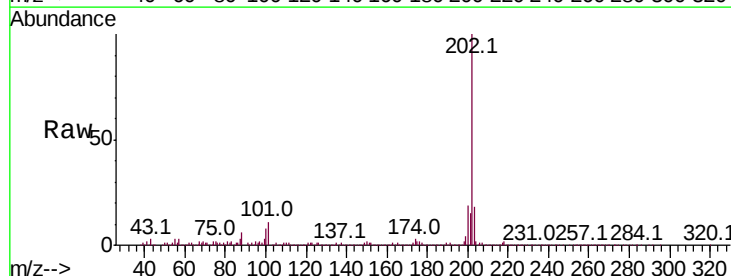
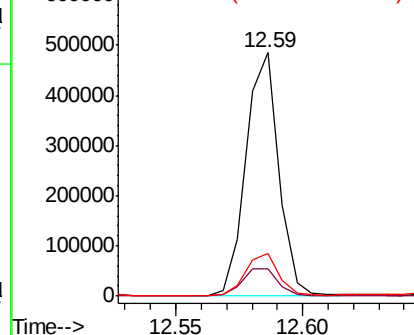
Delta R.T. -0.00 min

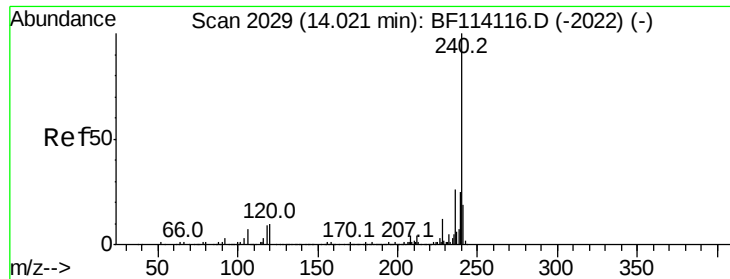
Lab File: BF114299.D

Acq: 15 May 2019 21:52

Tgt Ion:	202	Resp:	435737
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.0
203	17.8	0.0	38.4

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





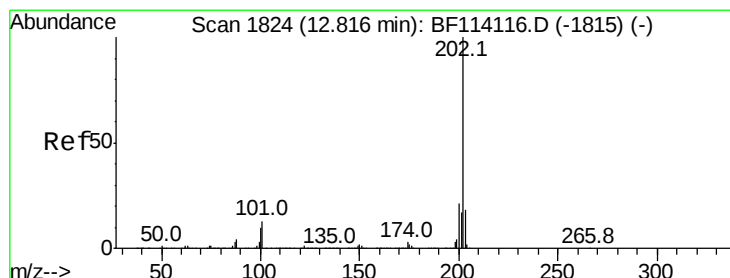
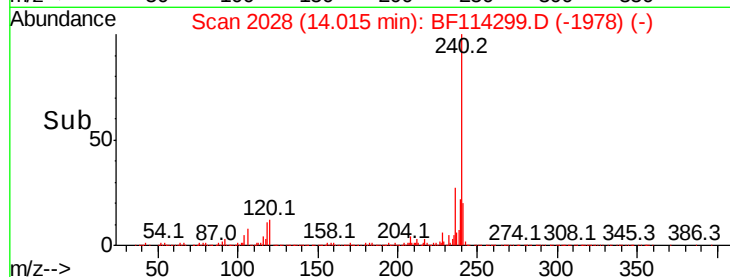
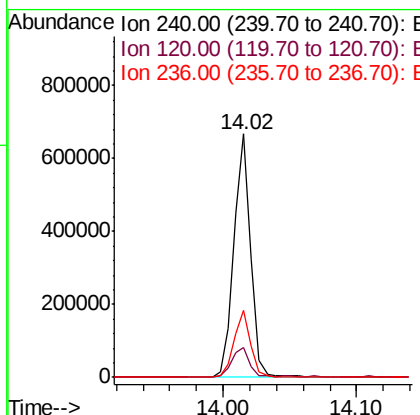
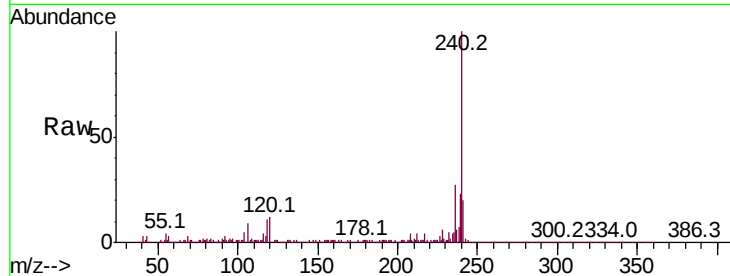
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-040-A

Tot Ion	Ratio	Resp	Lower	Upper
240	100	586134		
120	12.0		8.3	12.5
236	27.4		20.8	31.2

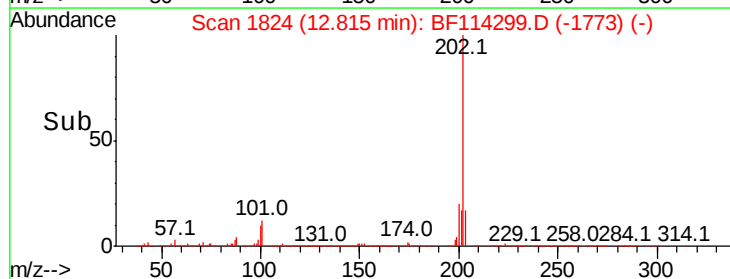
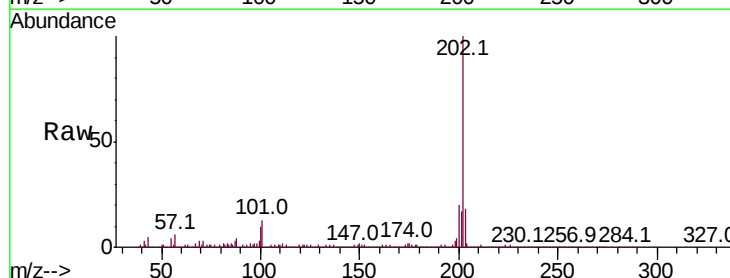
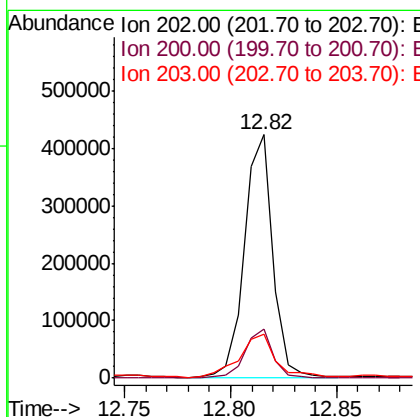
Manual Integrations
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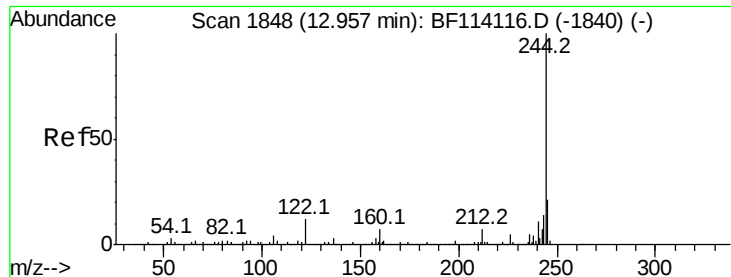
mohammad
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#78
Pyrene
Concen: 8.307 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	391685		
200	20.1		16.9	25.3
203	17.9		14.5	21.7





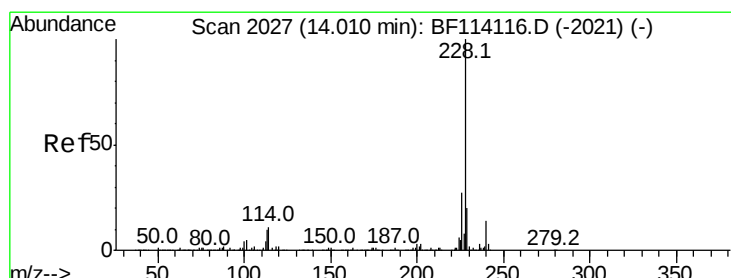
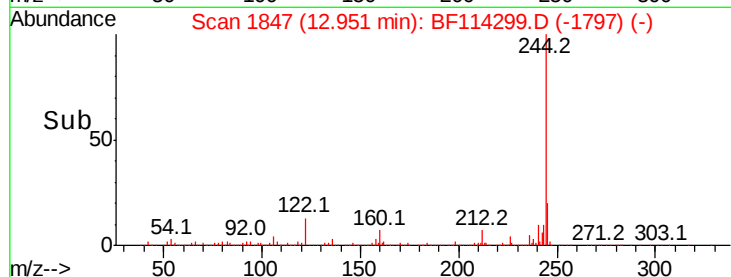
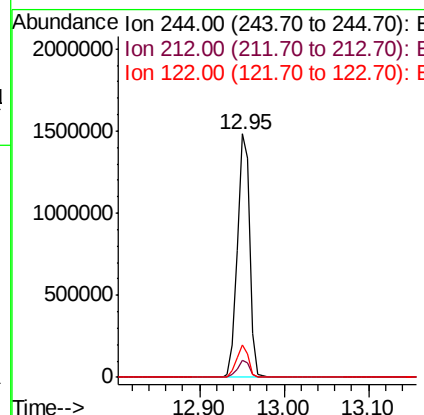
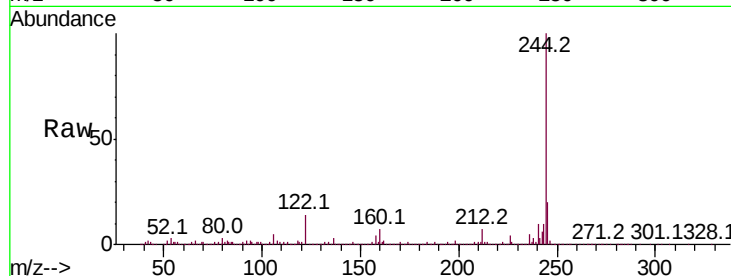
#79
 Terphenyl-d14
 Concen: 51.340 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114299.D
 Acq: 15 May 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-040-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.5	9.4	14.2

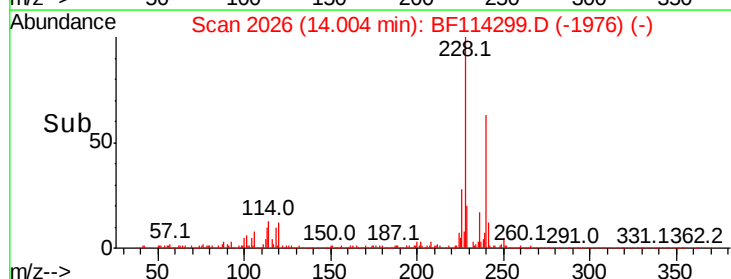
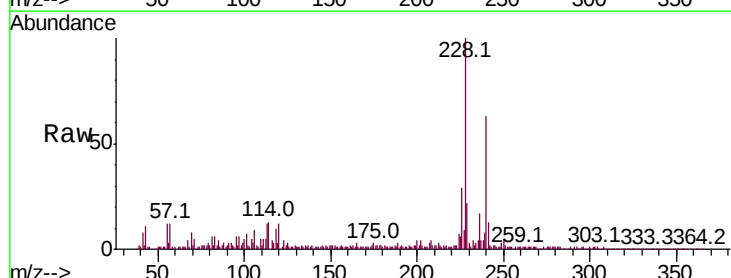
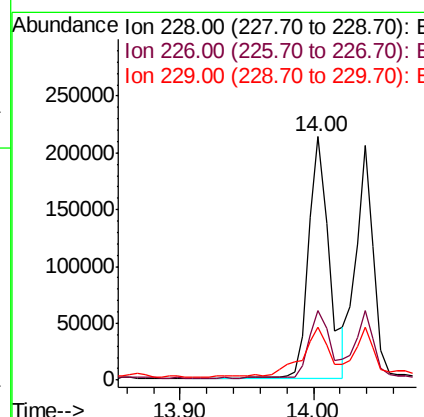
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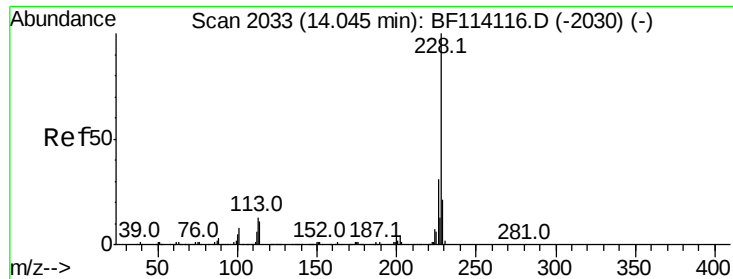
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#81
 Benzo(a)anthracene
 Concen: 5.895 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF114299.D
 Acq: 15 May 2019 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.2	33.2
229	21.6	16.4	24.6





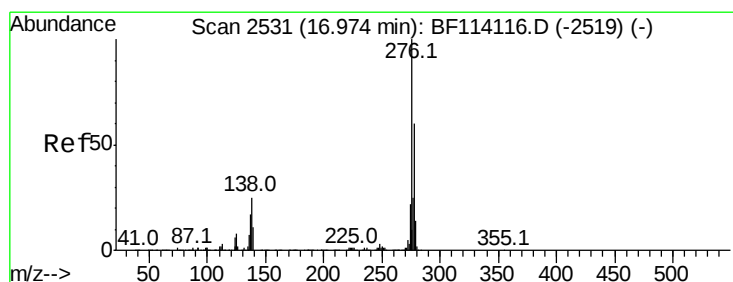
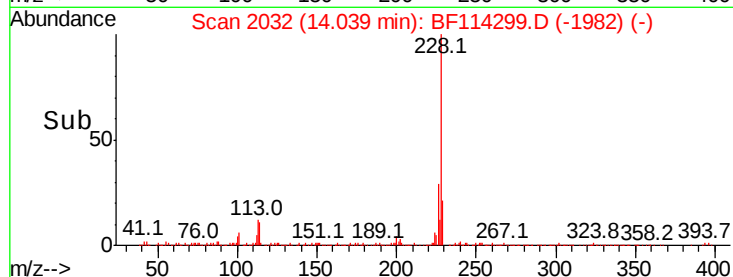
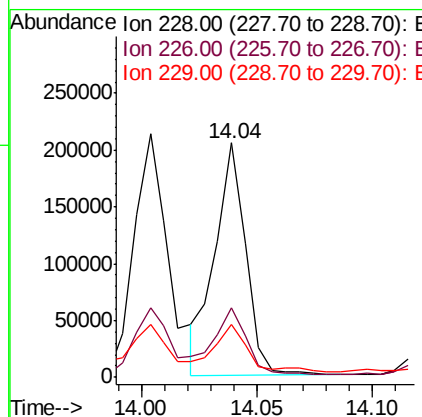
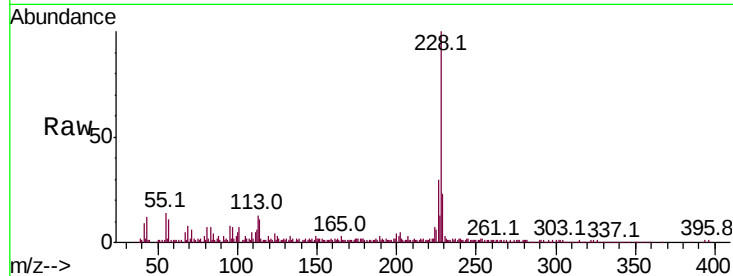
#83
Chrysene
Concen: 5.128 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-040-A

Tot Ion:	228	Resp:	190555
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	22.6	17.0	25.6

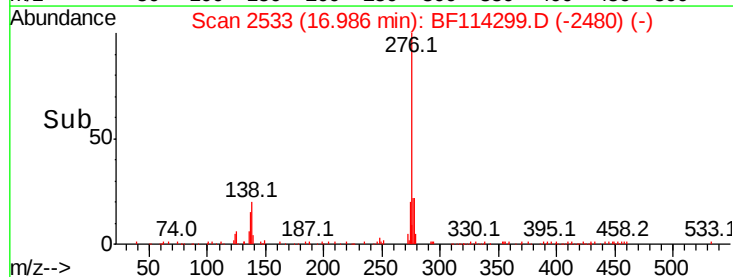
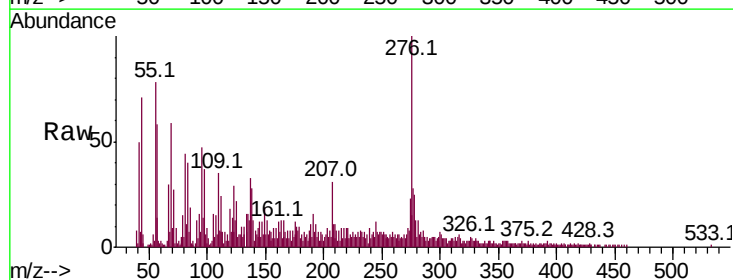
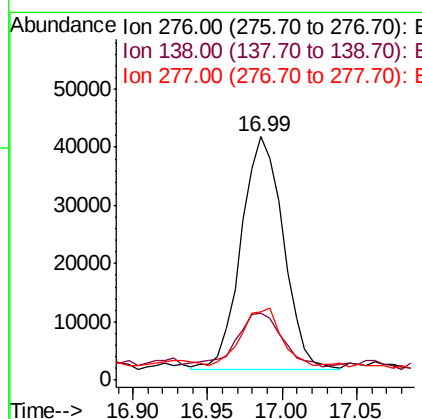
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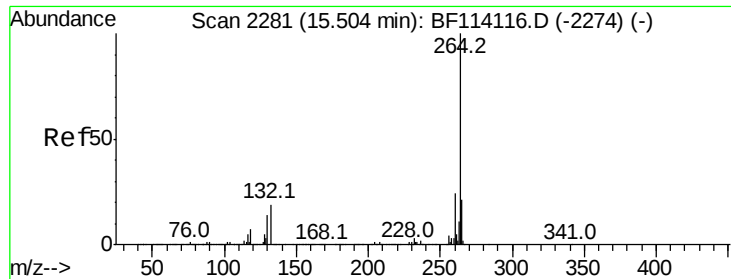
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.384 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Tgt Ion:	276	Resp:	78317
Ion Ratio	Lower	Upper	
276	100		
138	25.4	20.2	30.2
277	23.2	20.0	30.0





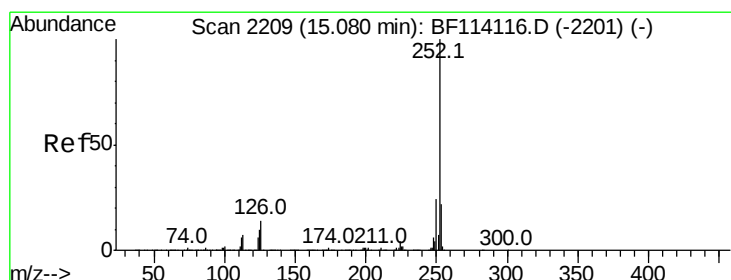
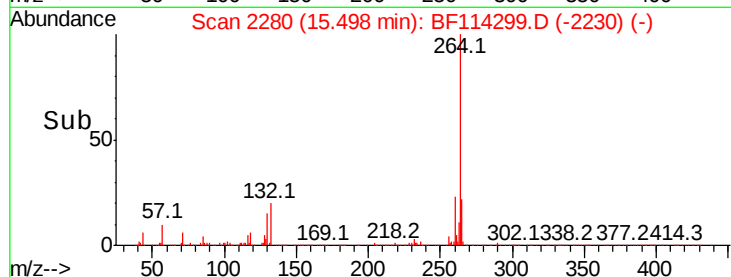
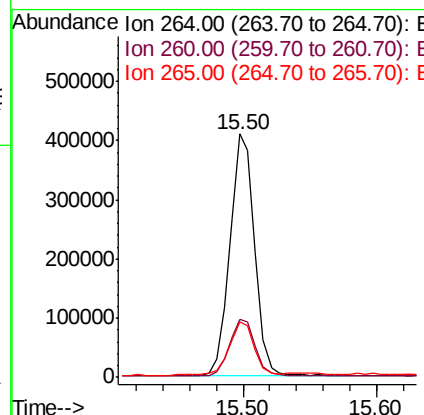
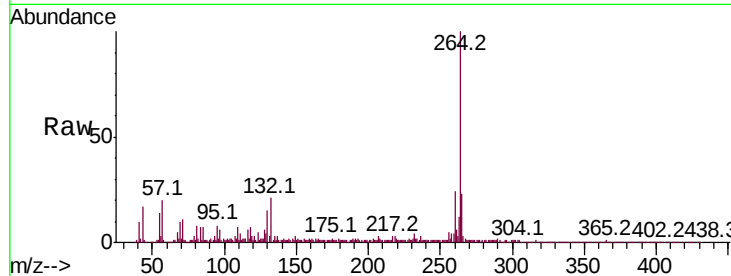
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-040-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.7	16.9	25.3

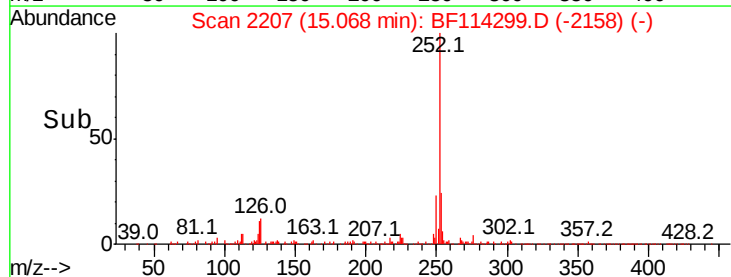
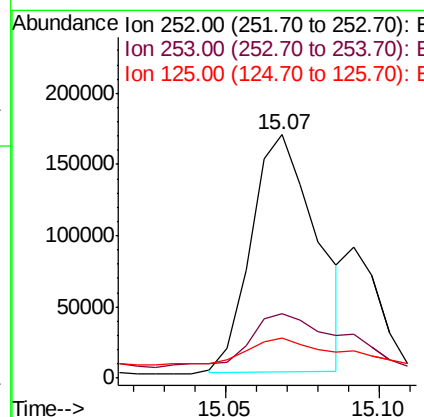
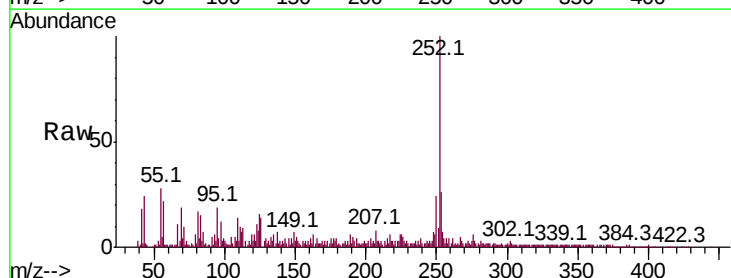
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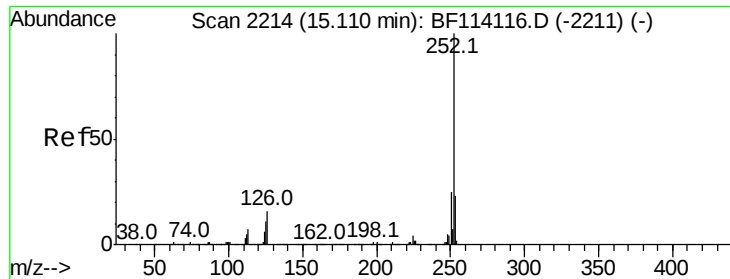
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#88
Benzo(b)fluoranthene
Concen: 7.277 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.8
125	16.3	8.3	12.5#





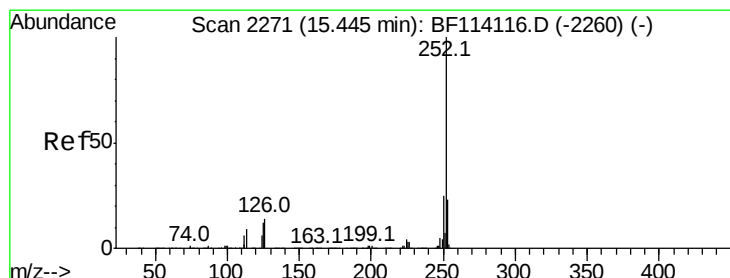
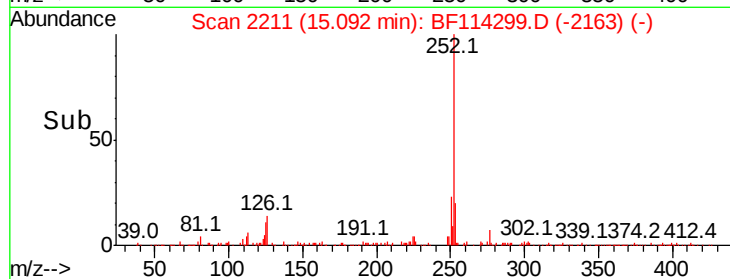
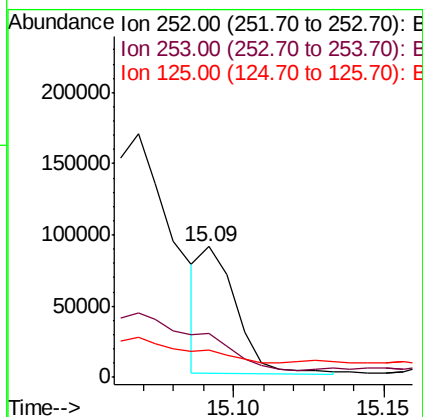
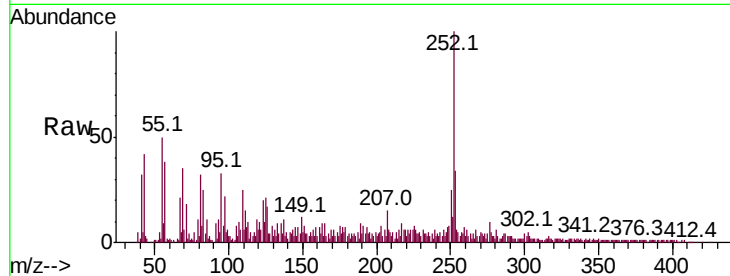
#89
Benzo(k)fluoranthene
Concen: 2.315 ng/mL
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-040-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.9	18.2	27.2#
125	20.7	8.6	13.0#

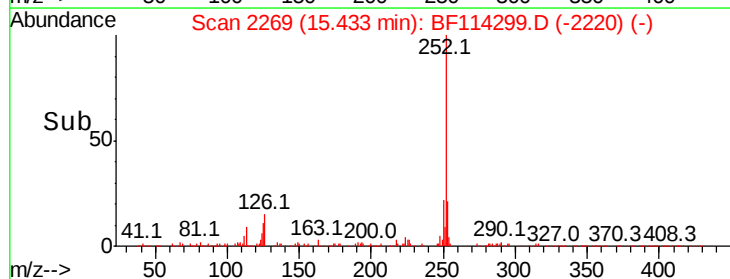
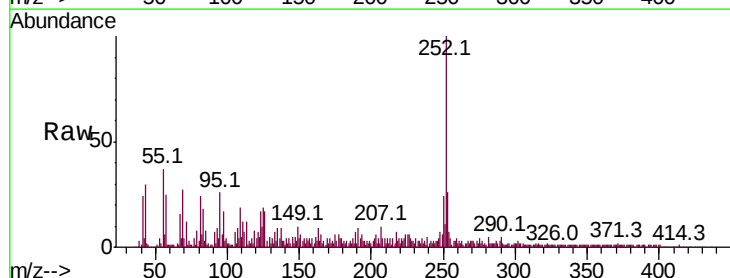
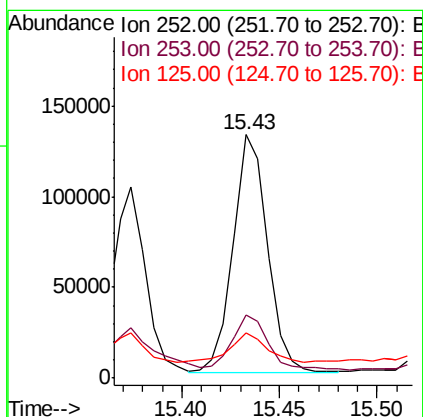
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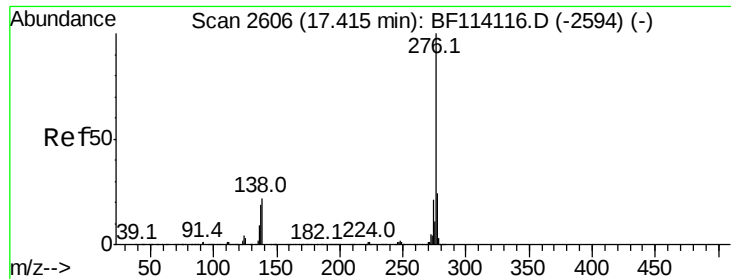
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#90
Benzo(a)pyrene
Concen: 5.350 ng/mL
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114299.D
Acq: 15 May 2019 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	18.8	9.5	14.3#





#92
 Benzo(a,h,i)perylene
 Concen: 2.870 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.02 min
 Lab File: BF114299.D
 Acq: 15 May 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-040-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.5	19.0	28.4#
138	30.1	17.8	26.6#

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