

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119621.D
 Acq On : 28 Mar 2020 17:16
 Operator : CG/JU
 Sample : L2035-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-054-B

Manual Integrations
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mohammad
 3/31/2020 8:14:48 AM

Quant Time: Mar 30 01:25:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	364155	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1279204	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	647323	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	993268	20.00	ng	0.00
76) Chrysene-d12	14.01	240	699351	20.00	ng	0.00
87) Perylene-d12	15.47	264	629333	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	2343783	102.46	ng	0.02
7) Phenol-d6	6.46	99	2988441	102.27	ng	0.00
23) Nitrobenzene-d5	7.40	82	1771137	75.25	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	628041	94.04	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2936834	67.21	ng	0.00
79) Terphenyl-d14	12.96	244	2323175	65.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.59	163	196398	4.271	ng	99
71) Phenanthrene	11.39	178	315020	6.116	ng	98
75) Fluoranthene	12.58	202	524345	9.407	ng	96
78) Pyrene	12.81	202	489531	8.529	ng	98
81) Benzo(a)anthracene	14.00	228	270837	5.955	ng	94
83) Chrysene	14.03	228	275898	5.878	ng	97
86) Indeno(1,2,3-cd)pyrene	16.93	276	130996	2.963	ng	98
88) Benzo(b)fluoranthene	15.04	252	350221m	8.331	ng	
89) Benzo(k)fluoranthene	15.07	252	114576m	2.862	ng	
90) Benzo(a)pyrene	15.41	252	226523	5.929	ng	# 94
92) Benzo(g,h,i)perylene	17.37	276	123444	3.677	ng	94

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

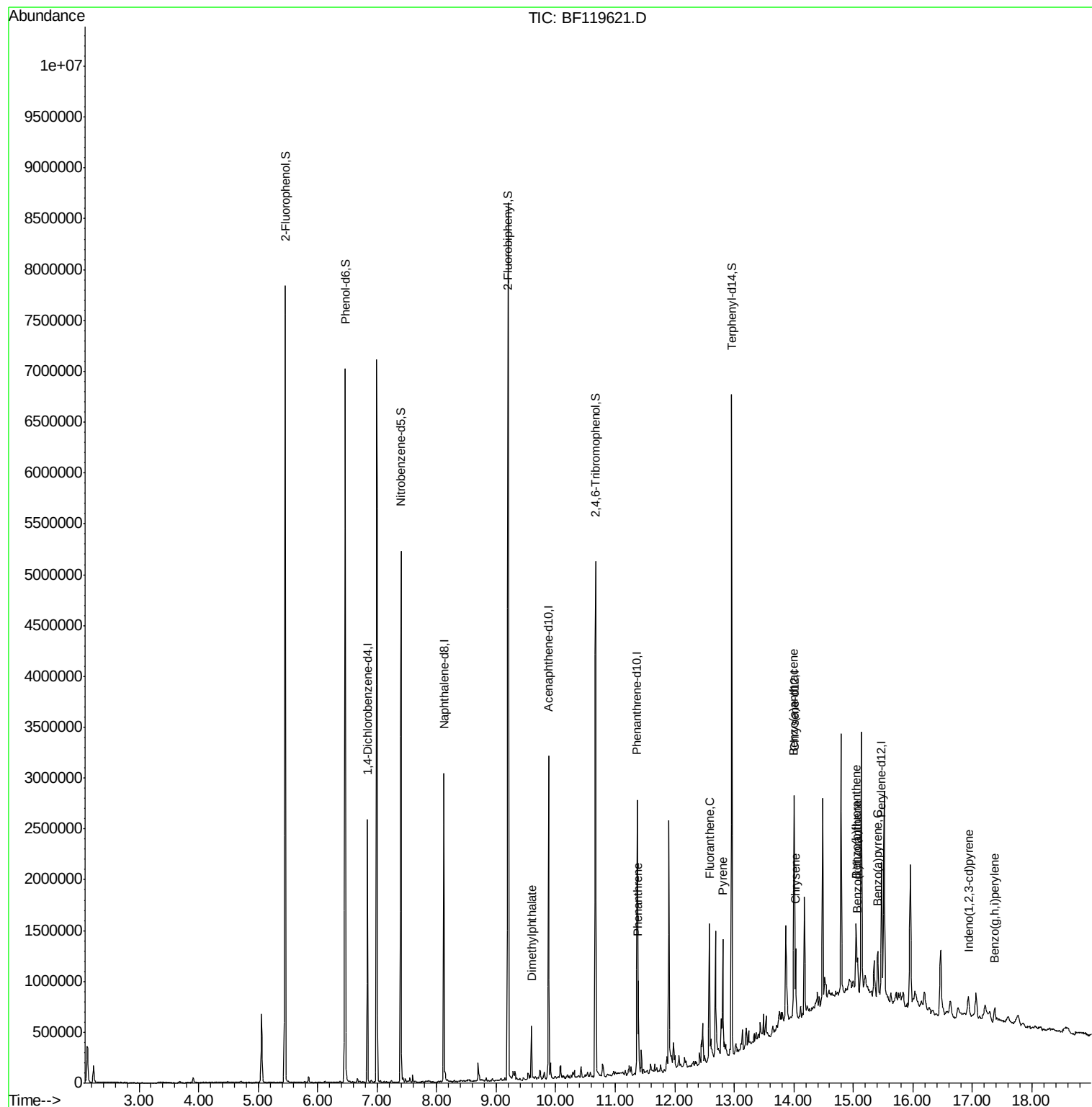
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119621.D
Acq On : 28 Mar 2020 17:16
Operator : CG/JU
Sample : L2035-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

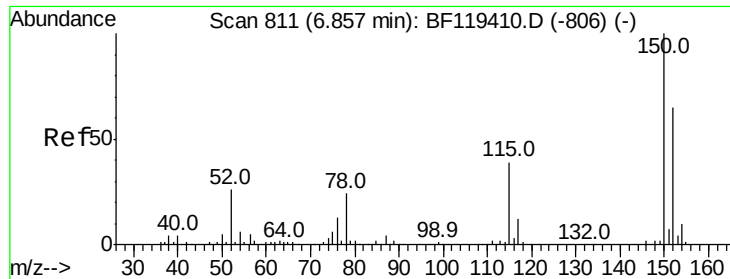
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

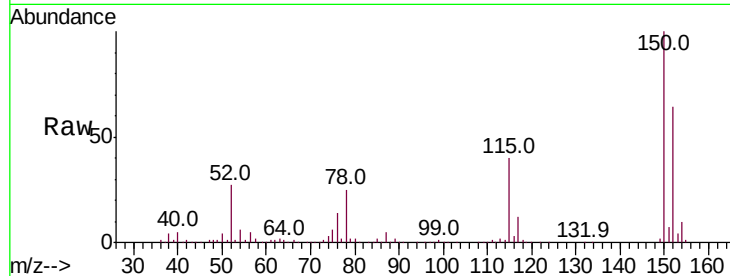
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.5	186.7
115	62.0	49.6	74.4

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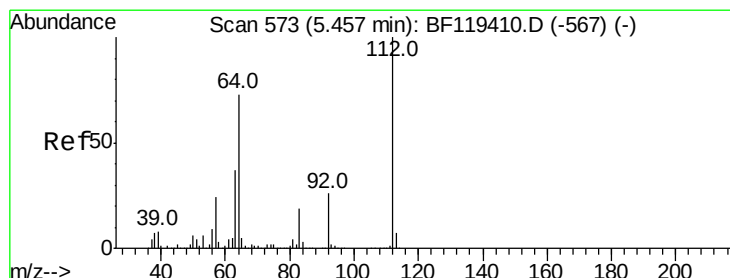
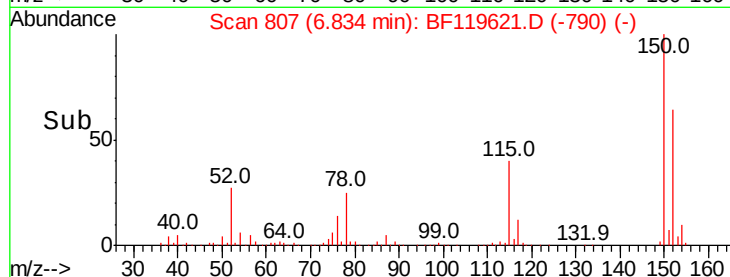
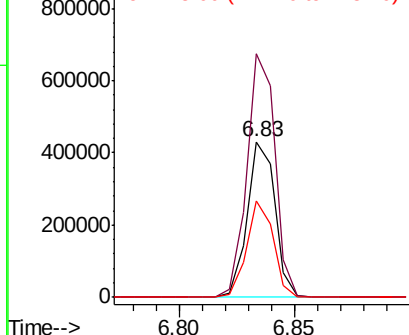


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

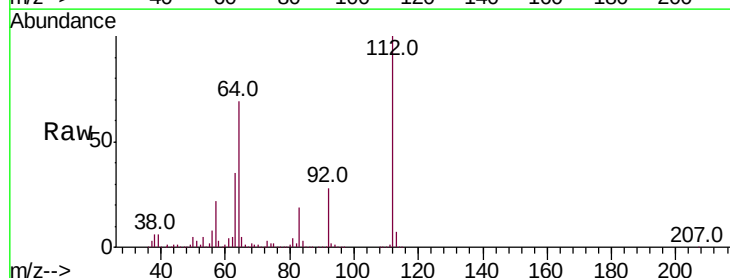
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.459 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.7	85.1
63	35.2	29.5	44.3

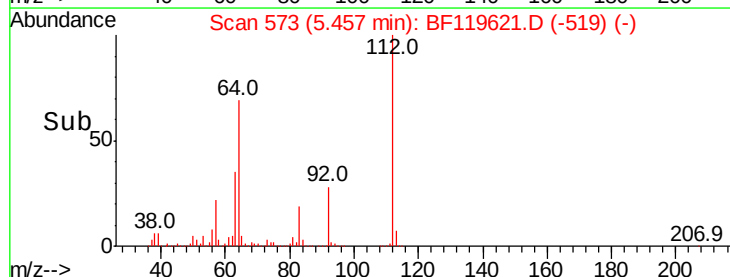
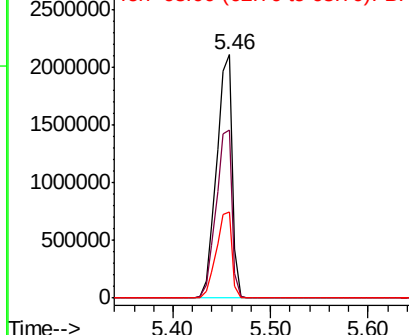


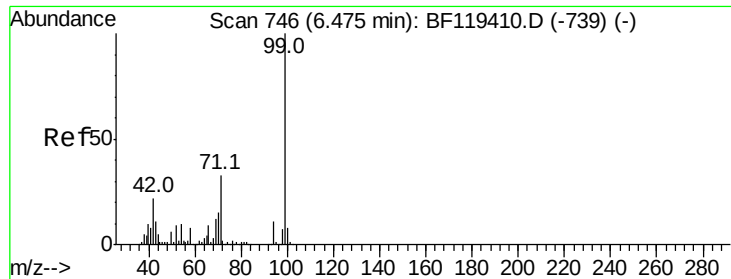
Abundance

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: 102.268 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119621.D

Acq: 28 Mar 2020 17:16

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-054-B

Tot Ion: 99 Resp: 2988441

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

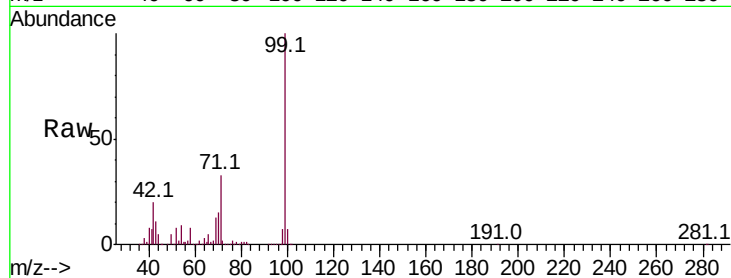
71 33.3 26.4 39.6

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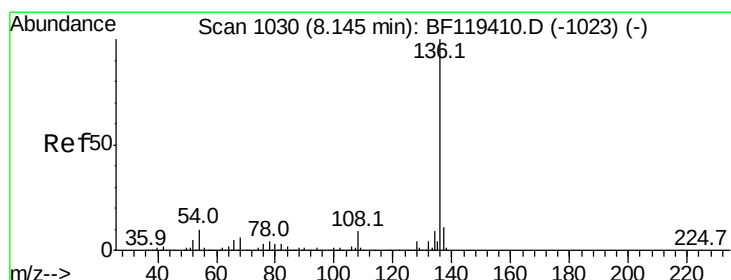
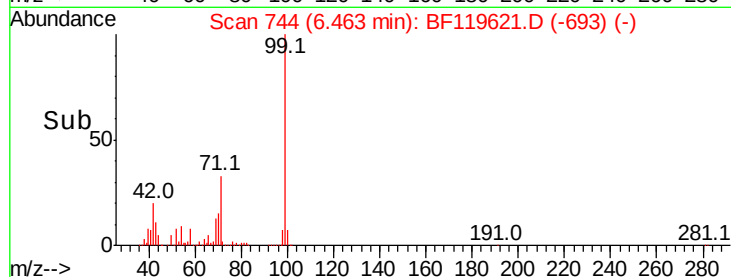
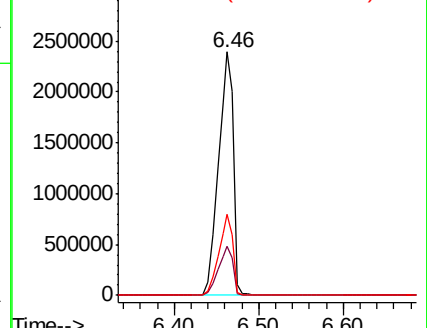
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF119621.D

Acq: 28 Mar 2020 17:16

Tgt Ion: 136 Resp: 1279204

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.3 9.1 13.7

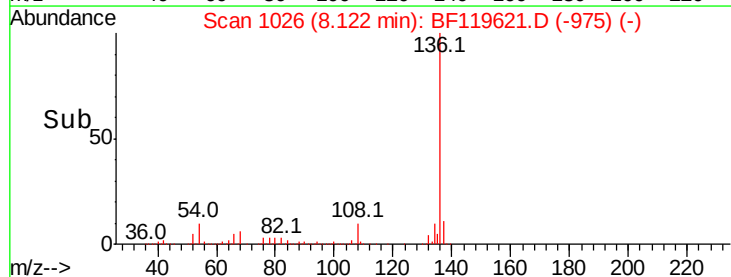
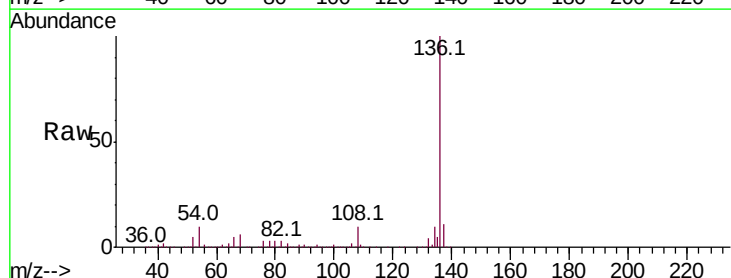
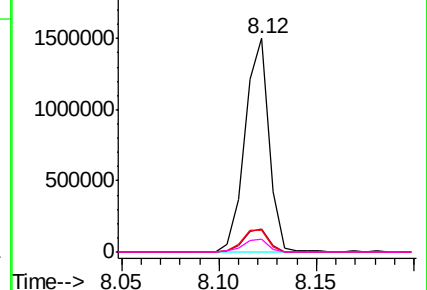
68 5.9 4.6 6.8

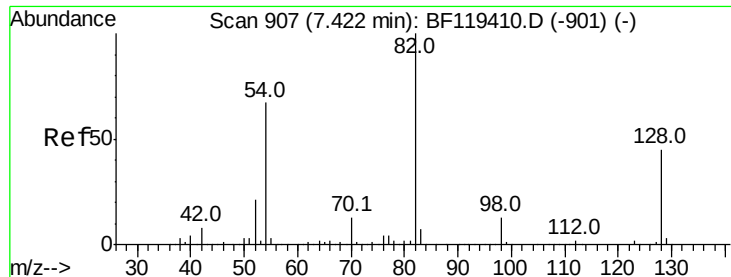
Abundance Ion 136.00 (135.70 to 136.70): E

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





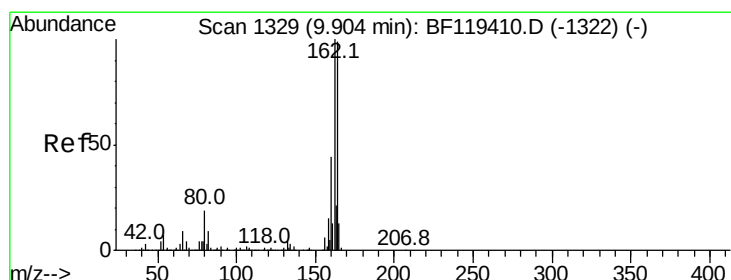
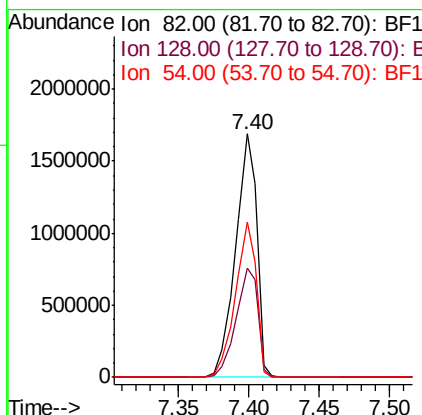
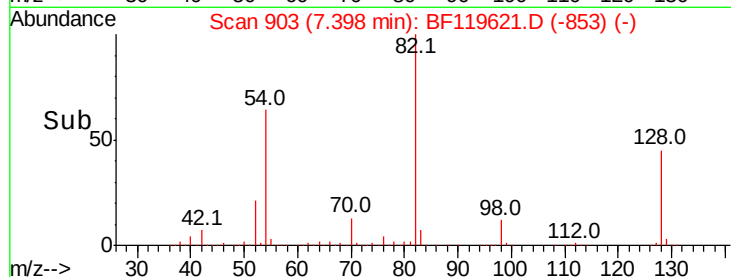
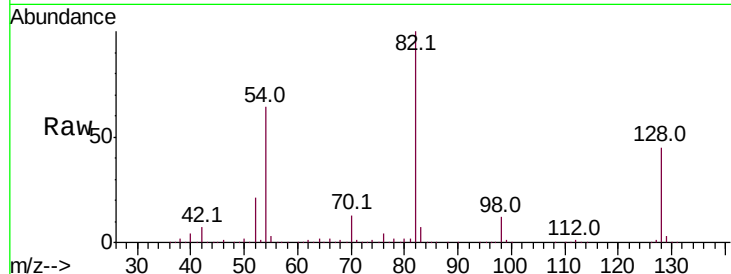
#23
Nitrobenzene-d5
Concen: 75.248 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-B

Tot Ion: 82 Resp: 1771137
Ion Ratio Lower Upper
82 100
128 44.8 36.3 54.5
54 63.7 50.6 75.8

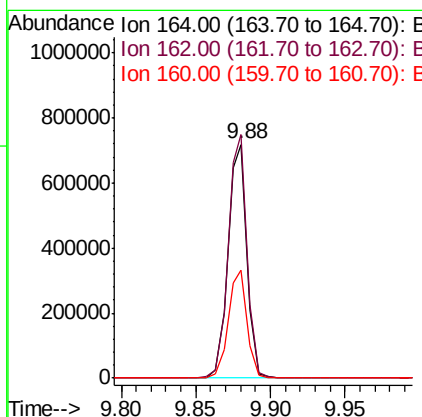
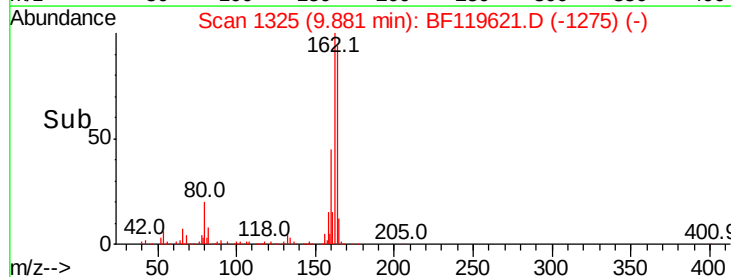
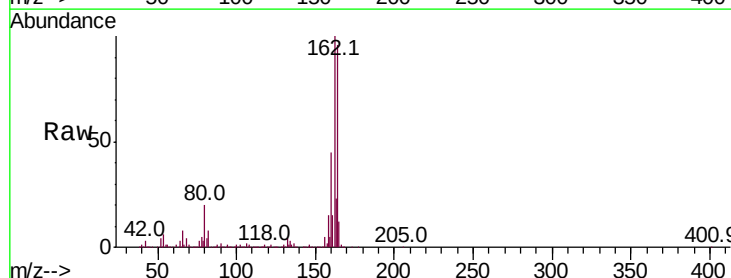
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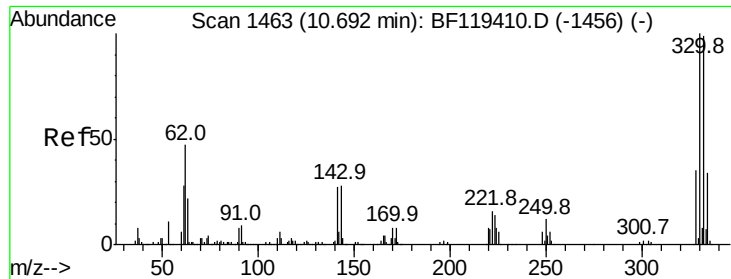
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Tgt Ion:164 Resp: 647323
Ion Ratio Lower Upper
164 100
162 104.1 80.6 121.0
160 46.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 94.043 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119621.D

Acq: 28 Mar 2020 17:16

Instrument :

BNA_F

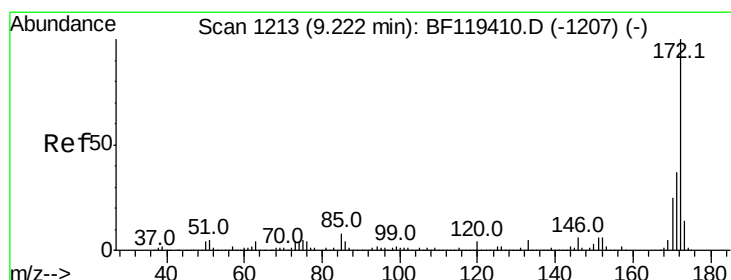
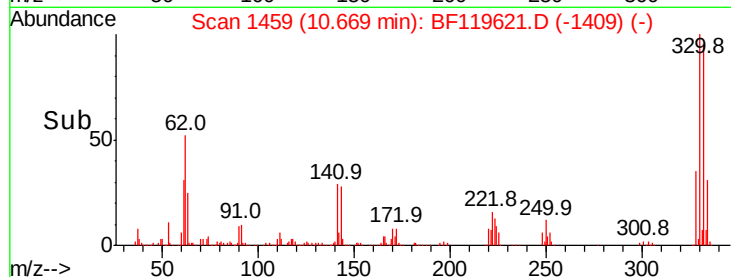
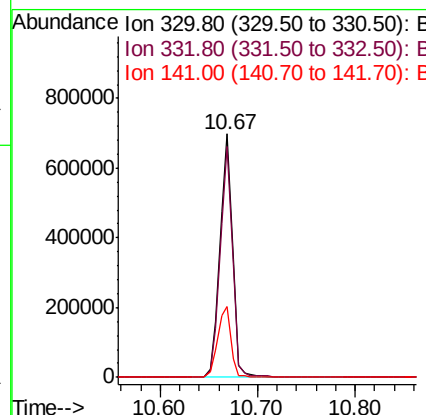
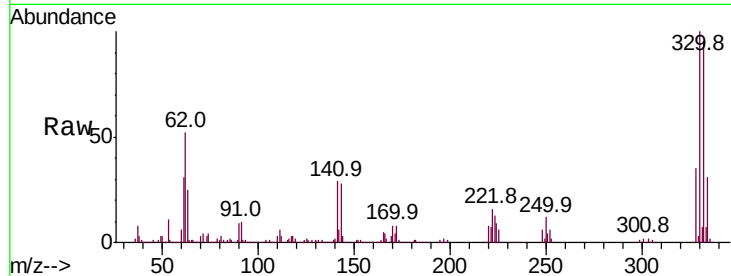
ClientSampleId :

FK-GF-02-054-B

Tot Ion:	330	Resp:	628041
Ion Ratio	Lower	Upper	
330	100		
332	93.9	75.7	113.5
141	30.8	25.4	38.0

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#45

2-Fluorobiphenyl

Concen: 67.213 ng

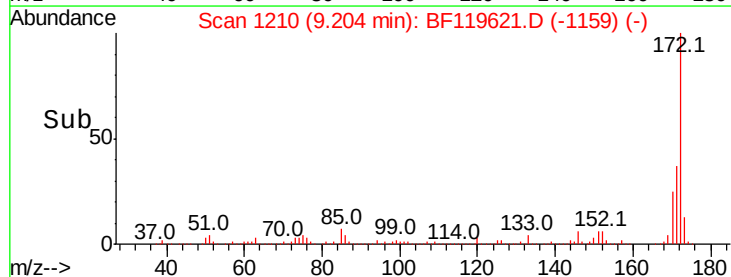
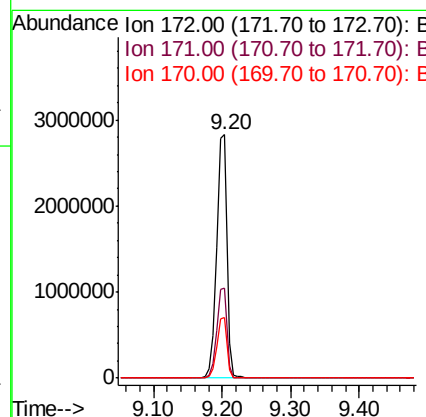
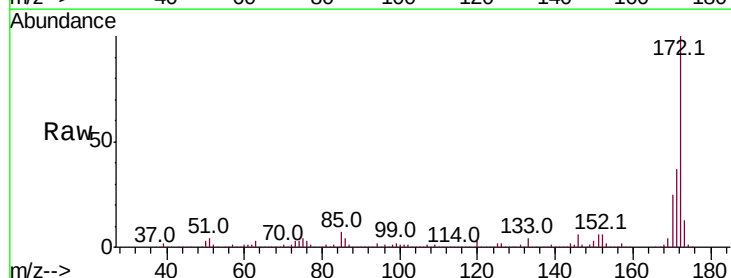
RT: 9.20 min Scan# 1210

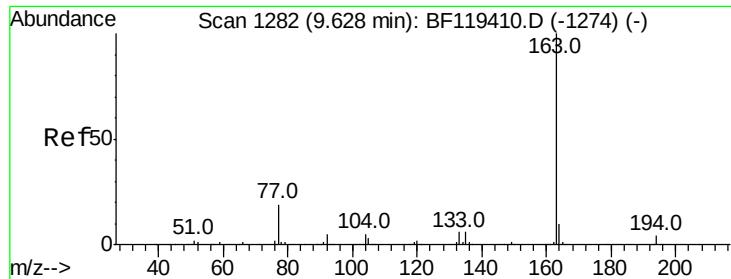
Delta R.T. 0.00 min

Lab File: BF119621.D

Acq: 28 Mar 2020 17:16

Tgt Ion:	172	Resp:	2936834
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.6	44.4
170	24.9	20.2	30.2





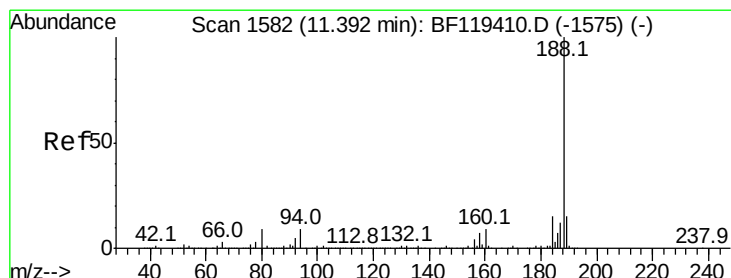
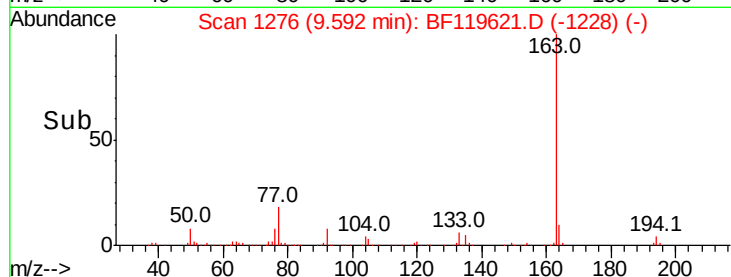
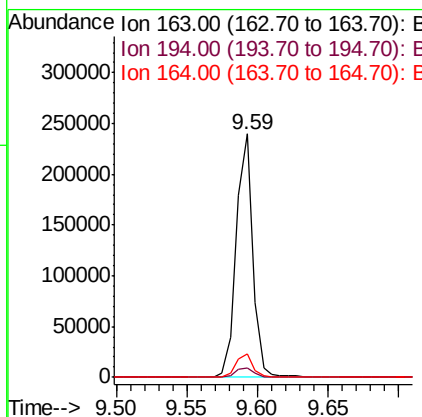
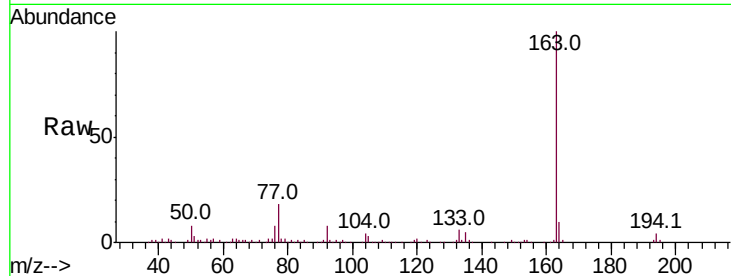
#50
Dimethylphthalate
Concen: 4.271 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	196398		
194	3.7		3.1	4.7
164	9.6		8.2	12.2

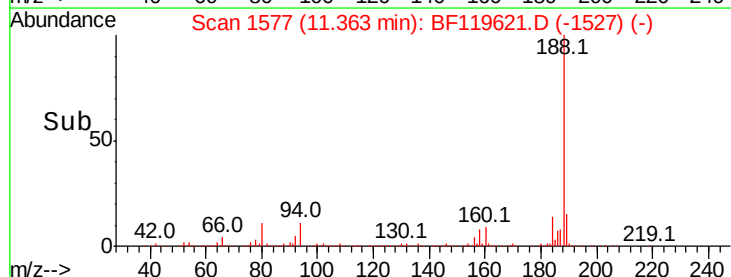
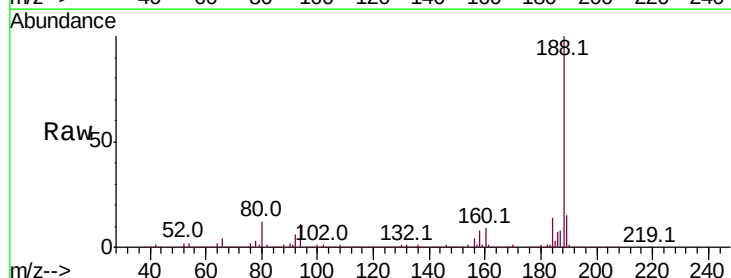
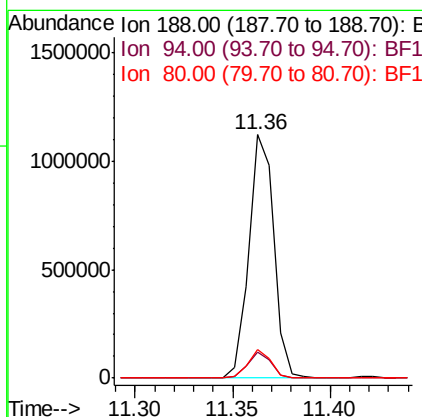
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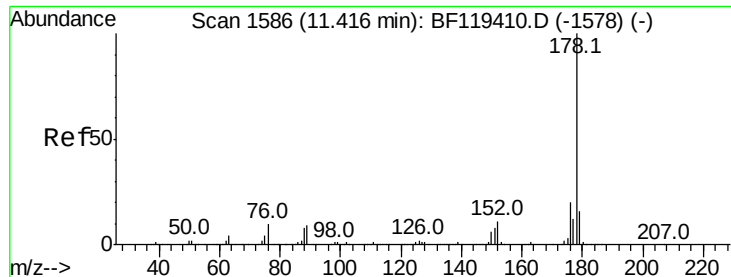
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	993268		
94	10.8		7.5	11.3
80	11.5		9.0	13.4





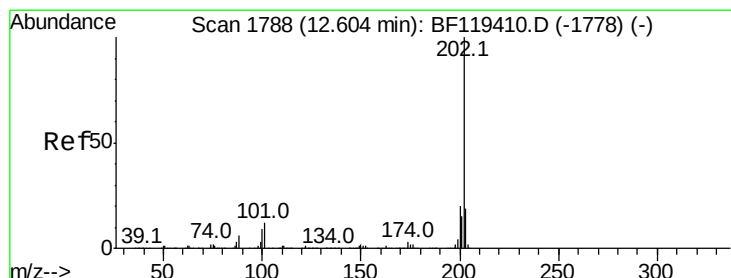
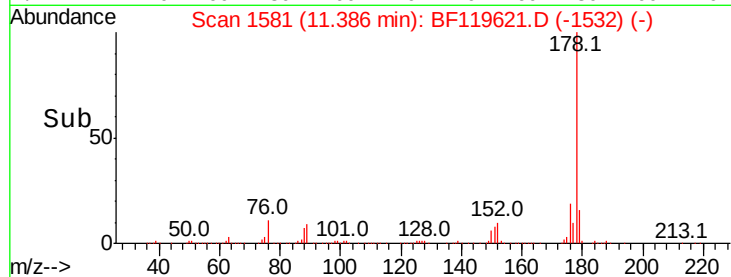
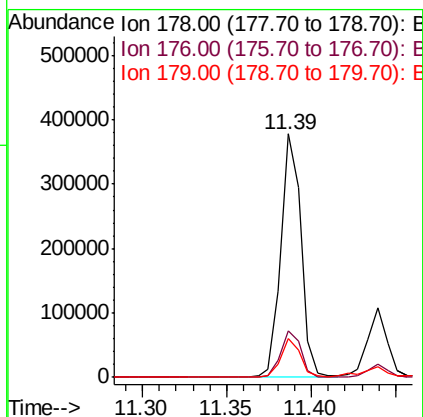
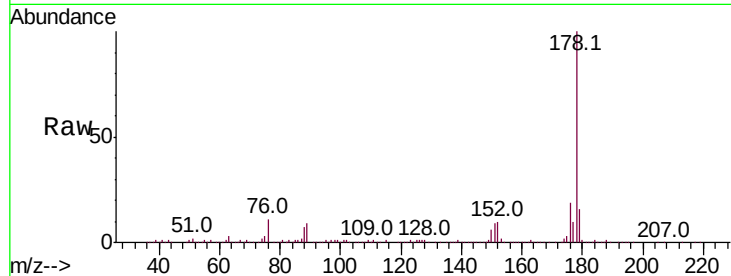
#71
Phenanthrene
Concen: 6.116 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.7	13.2	19.8

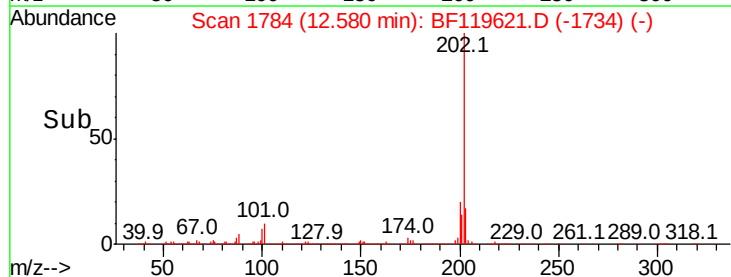
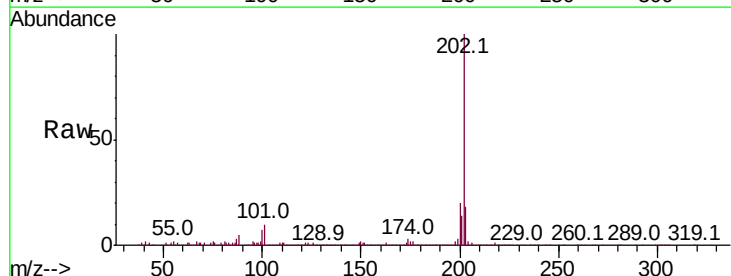
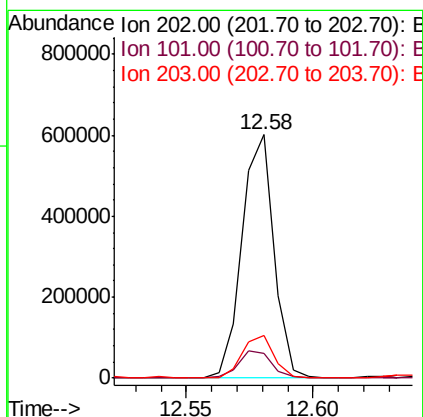
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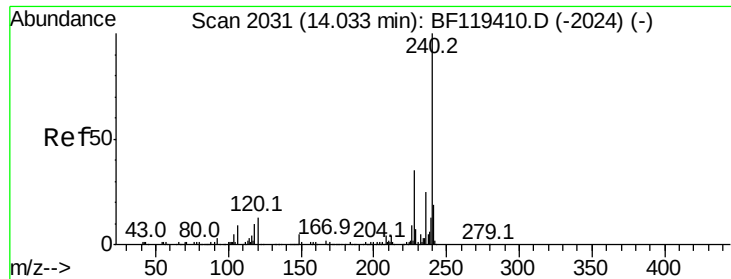
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#75
Fluoranthene
Concen: 9.407 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	32.2
203	17.6	0.0	38.8





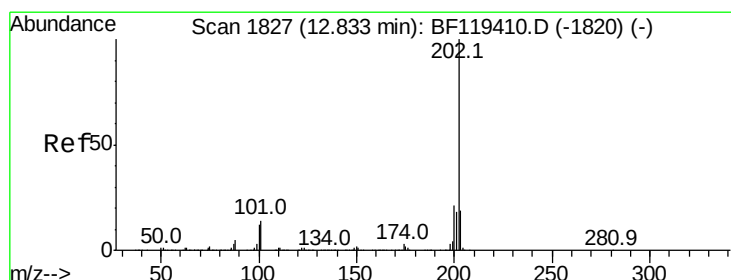
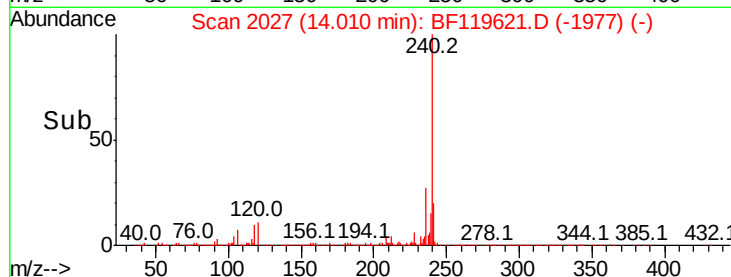
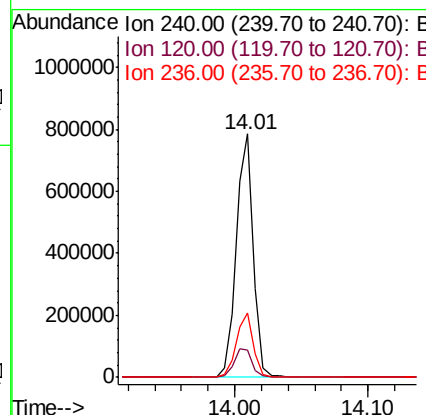
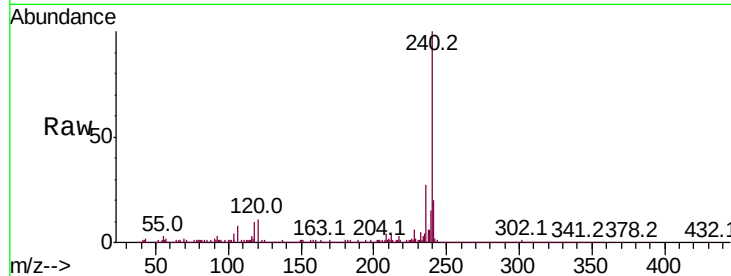
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-B

Tot Ion	Ratio	Resp	Lower	Upper
240	100	699351		
120	11.3	10.6	15.8	
236	26.6	20.2	30.2	

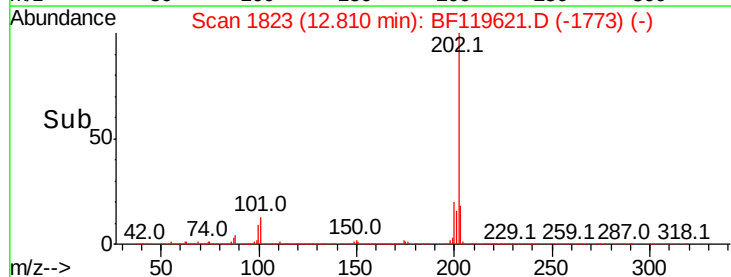
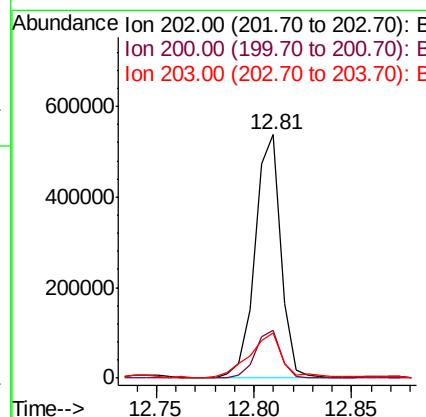
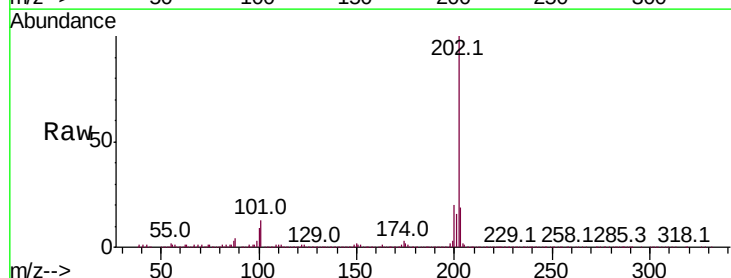
Manual Integrations
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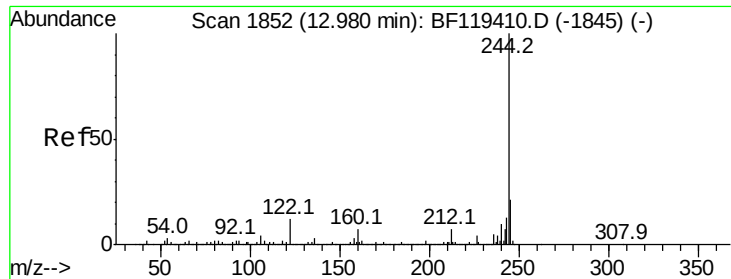
mohammad
3/31/2020 8:14:48 AM



#78
Pyrene
Concen: 8.529 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	489531		
200	19.8	16.8	25.2	
203	18.5	15.1	22.7	





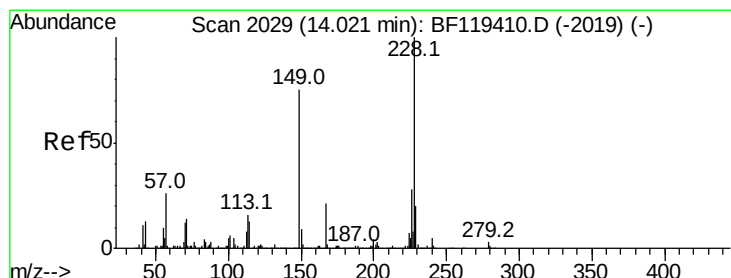
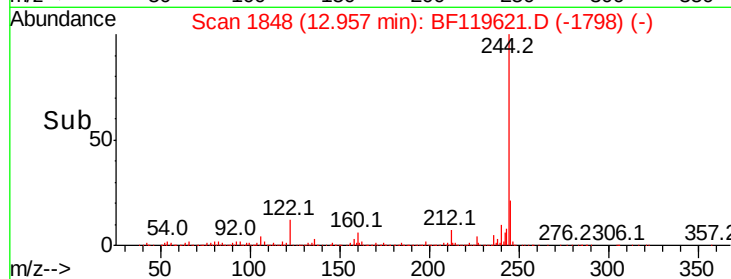
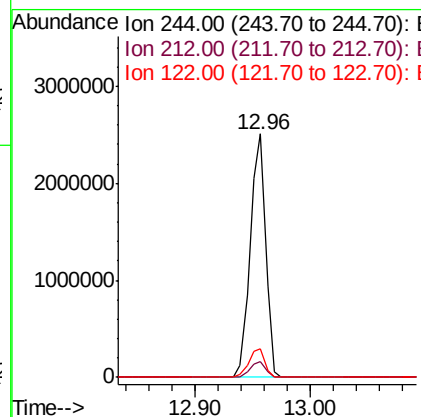
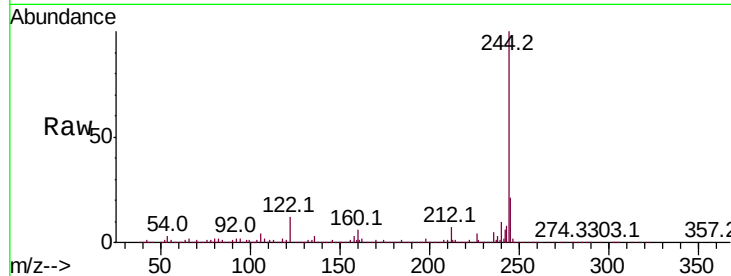
#79
 Terphenyl-d14
 Concen: 65.083 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119621.D
 Acq: 28 Mar 2020 17:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-054-B

Tot Ion:244 Resp: 2323175
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 11.7 10.3 15.5

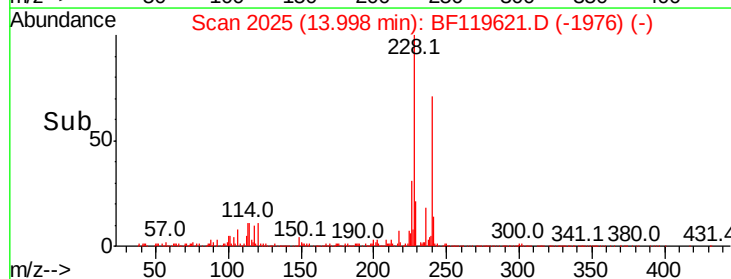
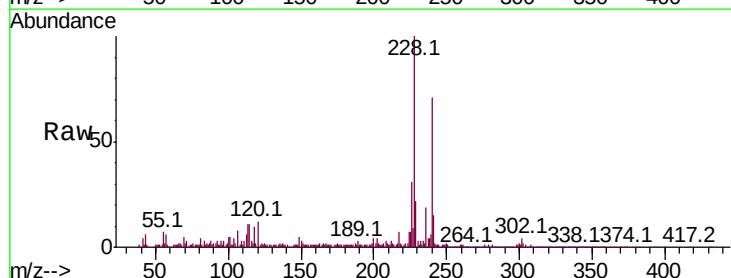
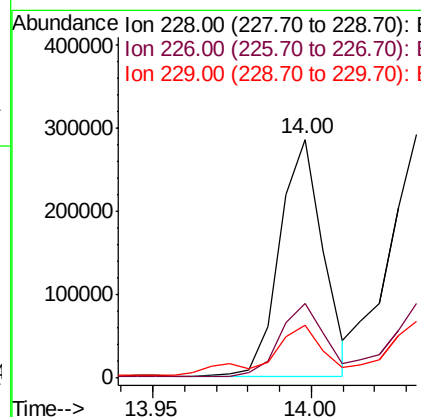
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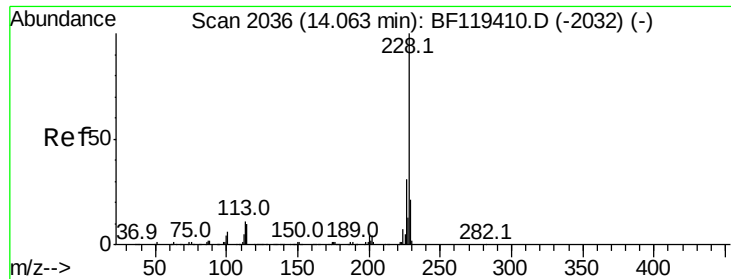
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#81
 Benzo(a)anthracene
 Concen: 5.955 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF119621.D
 Acq: 28 Mar 2020 17:16

Tgt Ion:228 Resp: 270837
 Ion Ratio Lower Upper
 228 100
 226 31.4 21.8 32.8
 229 22.1 16.2 24.4





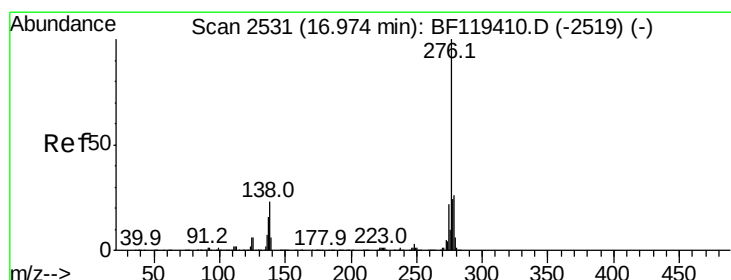
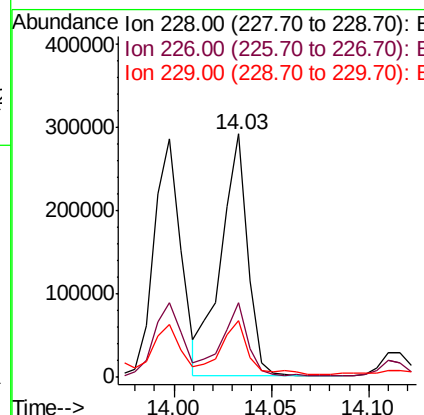
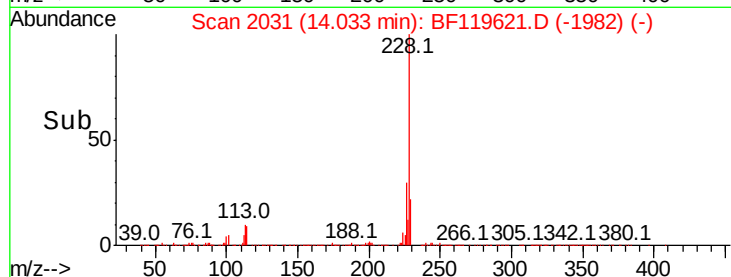
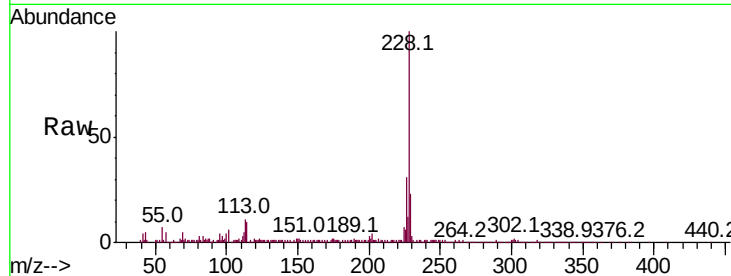
#83
Chrysene
Concen: 5.878 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	23.1	16.6	24.8

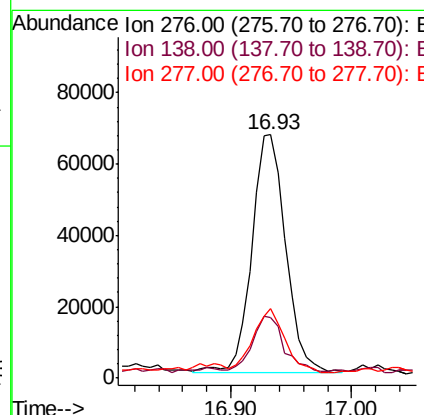
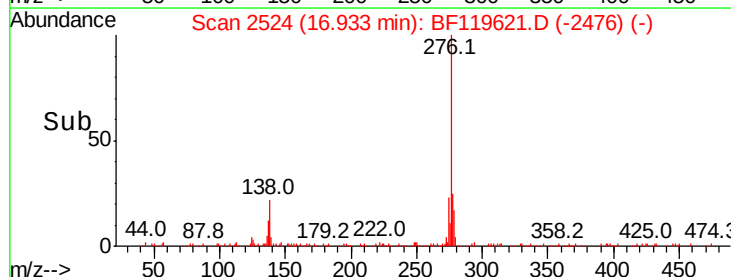
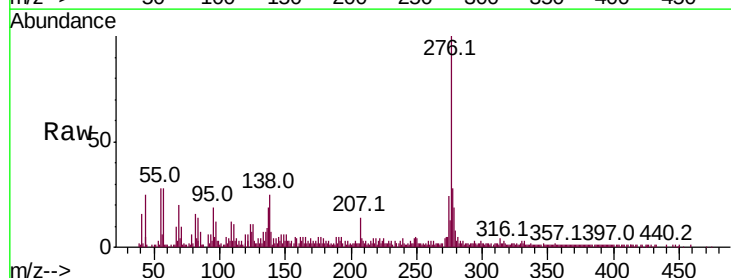
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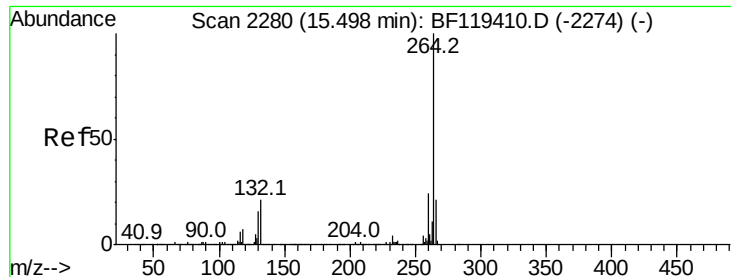
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.963 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.6	29.4
277	25.4	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF119621.D

Acq: 28 Mar 2020 17:16

Instrument :

BNA_F

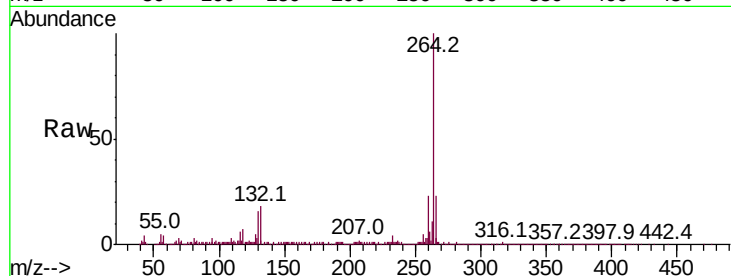
ClientSampleId :

FK-GF-02-054-B

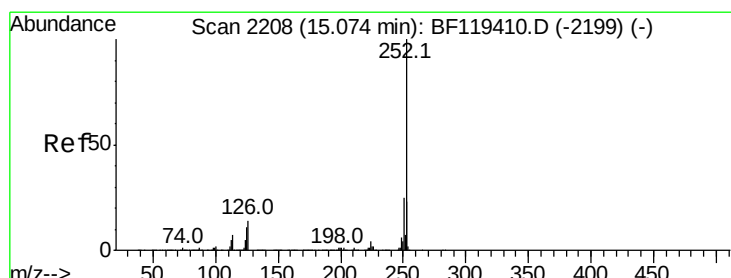
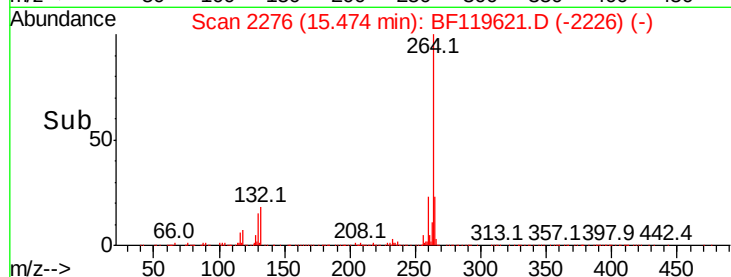
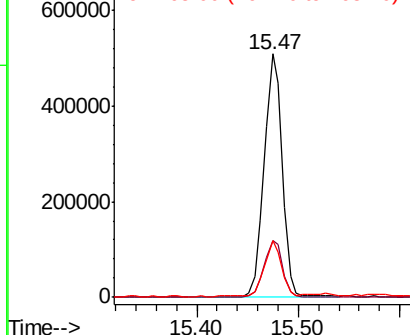
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	23.3	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.331 ng m

RT: 15.04 min Scan# 2203

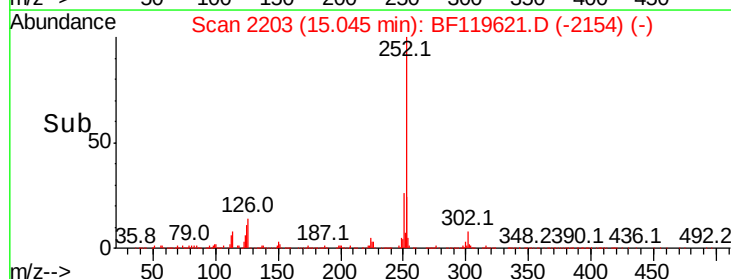
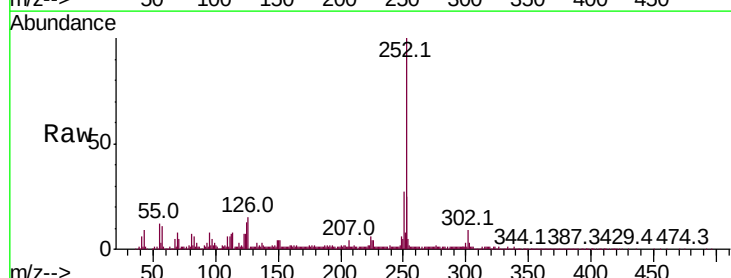
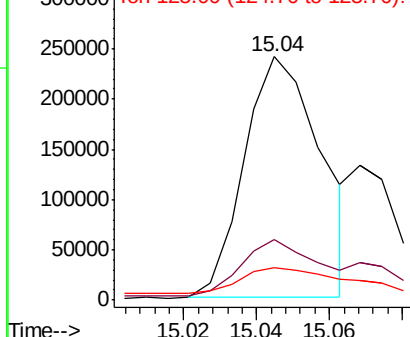
Delta R.T. -0.01 min

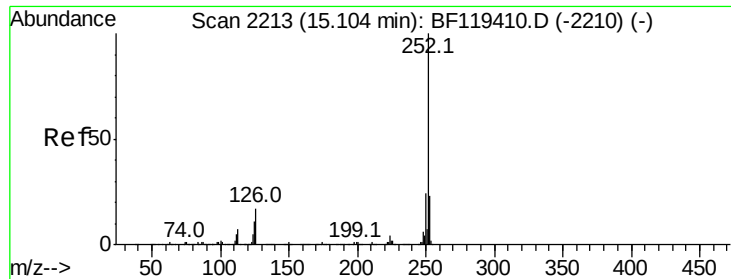
Lab File: BF119621.D

Acq: 28 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.0
125	13.1	7.9	11.9#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





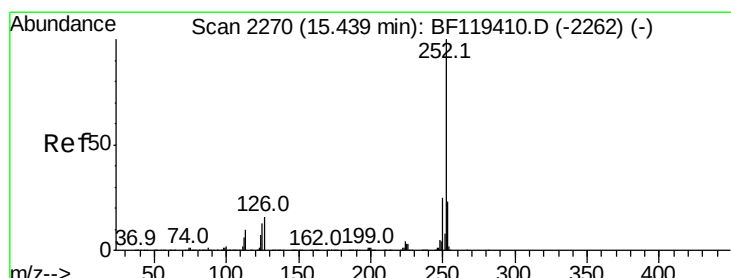
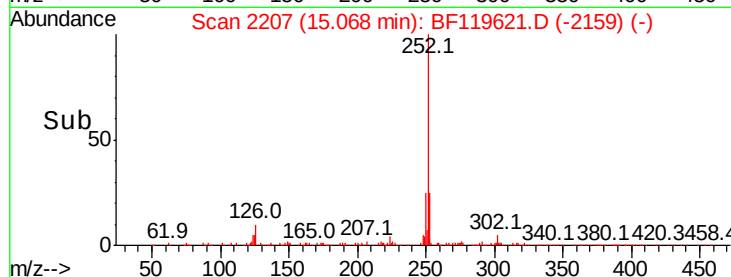
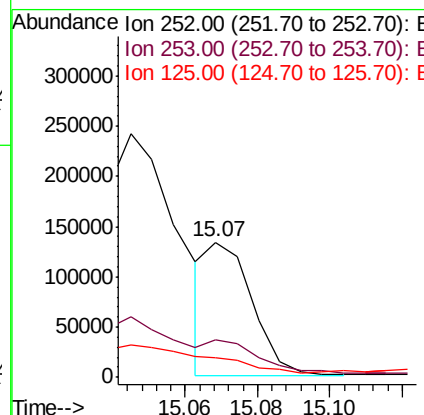
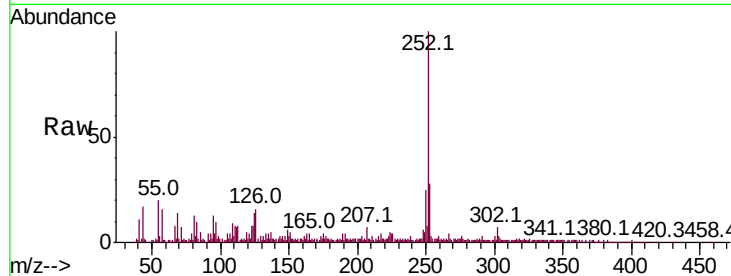
#89
Benzo(k)fluoranthene
Concen: 2.862 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.6#
125	14.1	8.4	12.6#

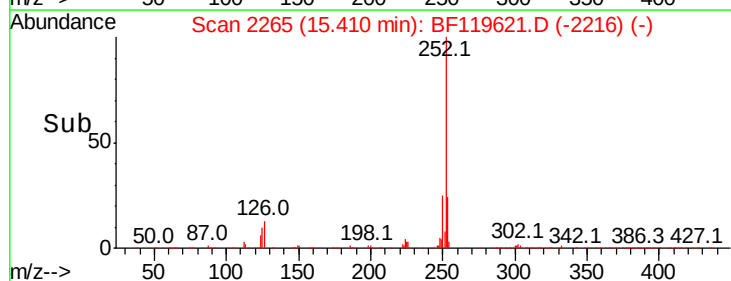
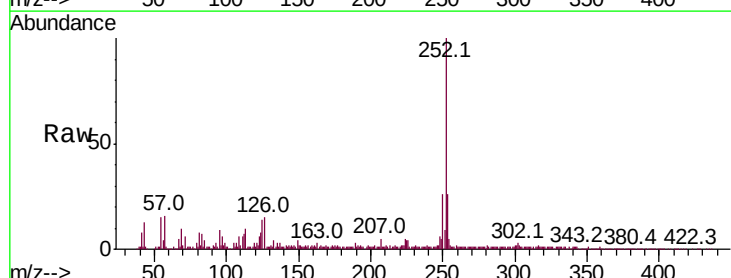
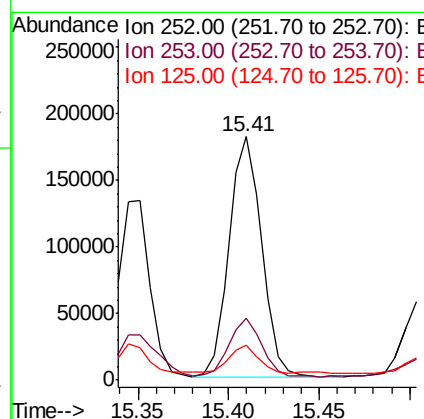
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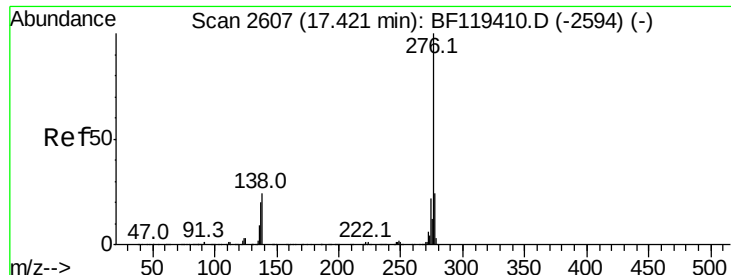
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#90
Benzo(a)pyrene
Concen: 5.929 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119621.D
Acq: 28 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	14.2	9.4	14.2#





#92
 Benzo(a,h,i)perylene
 Concen: 3.677 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. -0.02 min
 Lab File: BF119621.D
 Acq: 28 Mar 2020 17:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-054-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.4	27.6
138	22.3	15.4	23.0

Manual Integrations
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