

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121539.D
 Acq On : 9 Sep 2020 00:06
 Operator : JU/CG
 Sample : L3826-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BKG-1-(0.0-0.5)

Manual Integrations
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 9/9/2020 3:49:40 PM

Quant Time: Sep 09 07:24:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	331459	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1227804	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	599423	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1027066	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	699734	20.00	ng	-0.02
86) Perylene-d12	15.46	264	744750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1429085	72.34	ng	0.00
7) Phenol-d6	6.46	99	1837691	66.56	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1205196	67.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	479825	79.25	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2071437	55.76	ng	-0.01
79) Terphenyl-d14	12.95	244	1487181	44.74	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	367913	8.935	ng	99
71) Phenanthrene	11.38	178	452733	8.590	ng	97
75) Fluoranthene	12.57	202	818504	14.409	ng	98
78) Pyrene	12.80	202	662220	13.251	ng	97
81) Benzo(a)anthracene	13.99	228	282083	6.604	ng	99
83) Chrysene	14.02	228	307129	7.187	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	187778	4.098	ng	95
88) Benzo(b)fluoranthene	15.03	252	407416m	8.410	ng	
89) Benzo(k)fluoranthene	15.05	252	131283m	2.913	ng	
90) Benzo(a)pyrene	15.39	252	270045	6.199	ng	100
92) Benzo(g,h,i)perylene	17.33	276	183915	5.090	ng	97

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

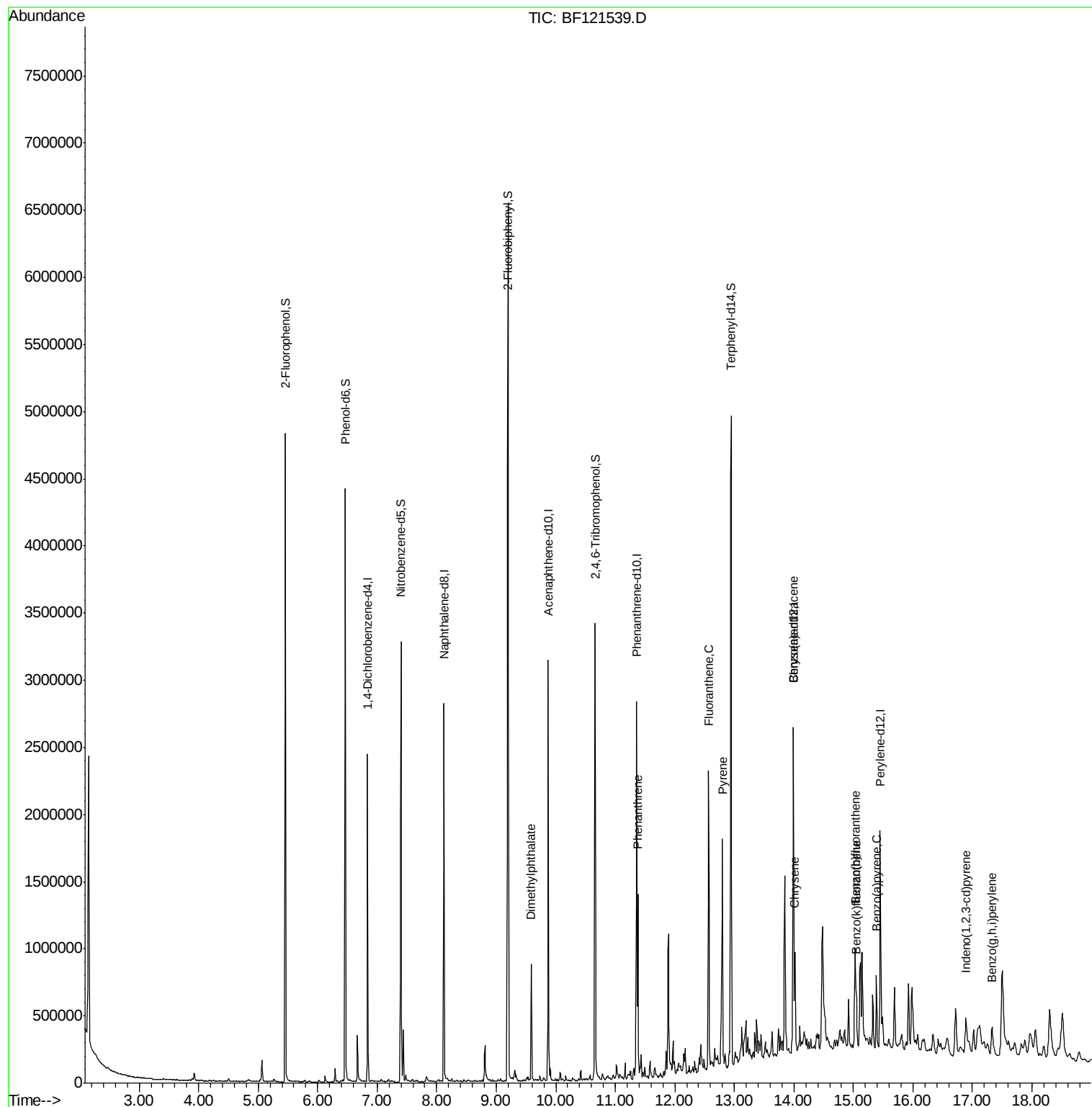
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121539.D
Acq On : 9 Sep 2020 00:06
Operator : JU/CG
Sample : L3826-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

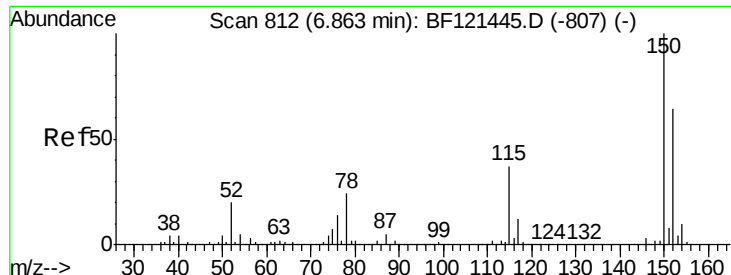
Instrument :
BNA_F
ClientSampleId :
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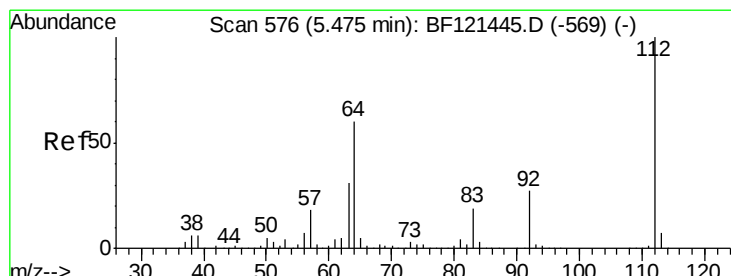
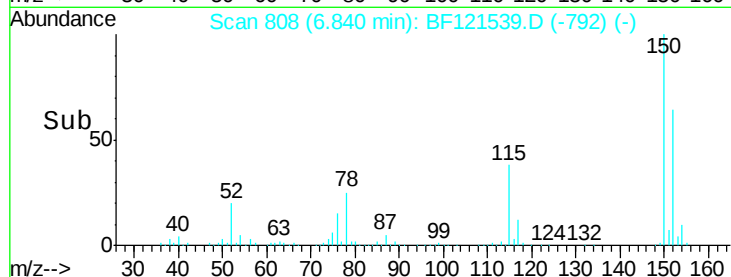
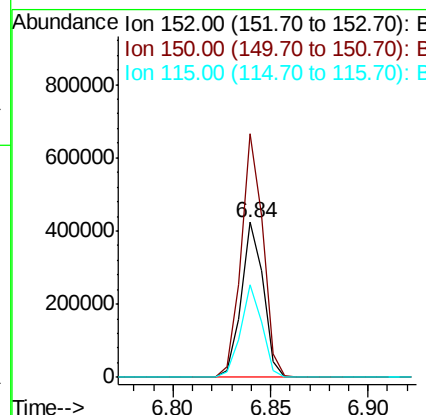
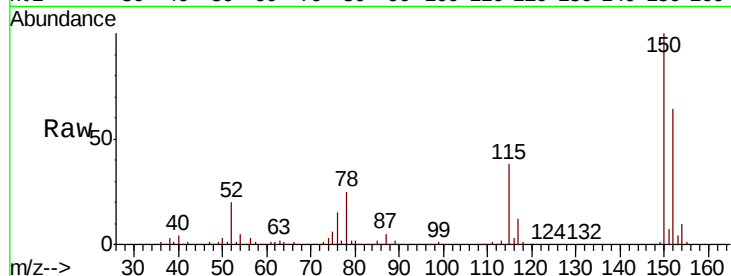
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Instrument :
 BNA_F
 ClientSampleId :
 BKG-1-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.1	189.1
115	59.6	48.4	72.6

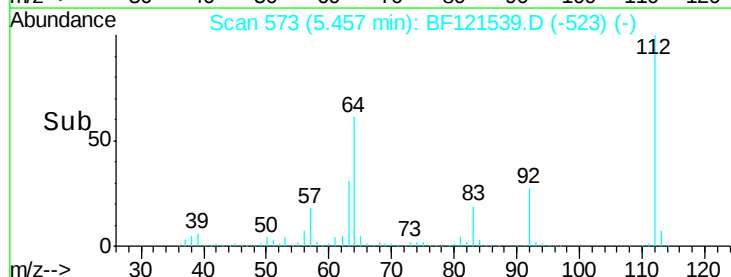
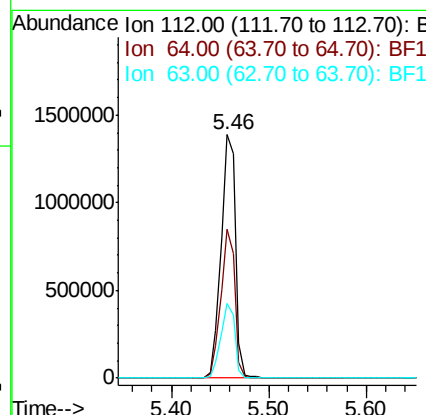
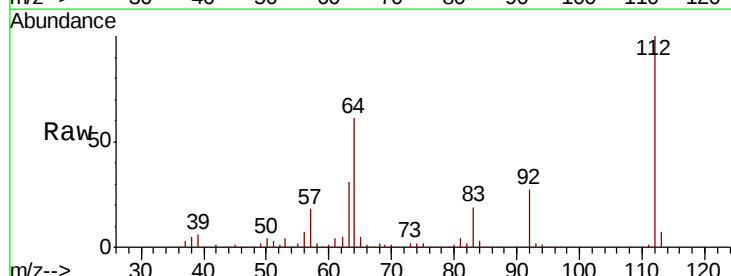
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#5
 2-Fluorophenol
 Concen: 72.336 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.0	69.0
63	30.6	23.4	35.2





#7

Phenol-d6

Concen: 66.562 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF121539.D

Acq: 9 Sep 2020 00:06

Instrument :

BNA_F

ClientSampleId :

BKG-1-(0.0-0.5)

Tot Ion: 99 Resp: 1837691

Ion Ratio Lower Upper

99 100

42 16.6 13.0 19.4

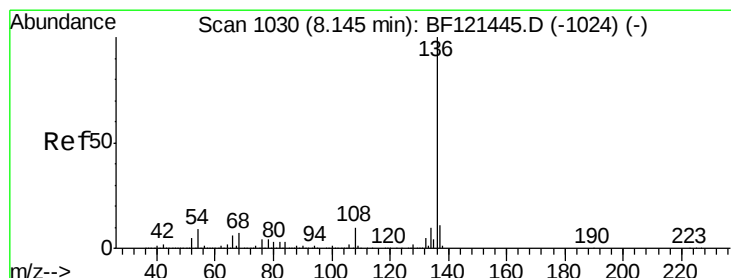
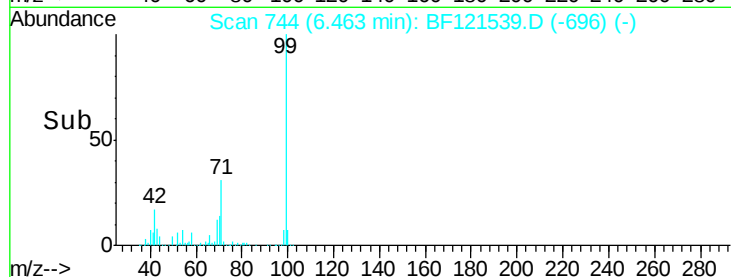
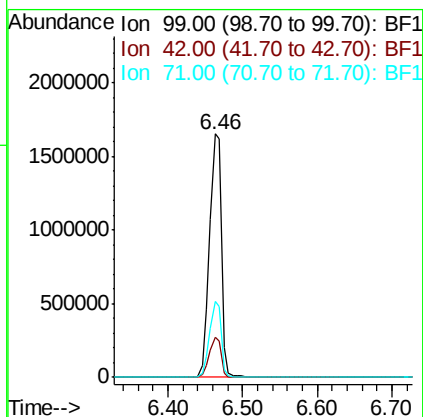
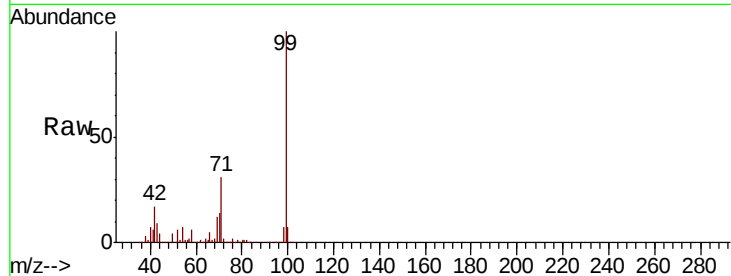
71 31.2 24.8 37.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF121539.D

Acq: 9 Sep 2020 00:06

Tgt Ion: 136 Resp: 1227804

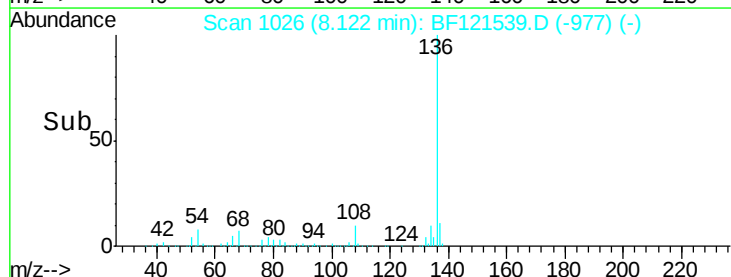
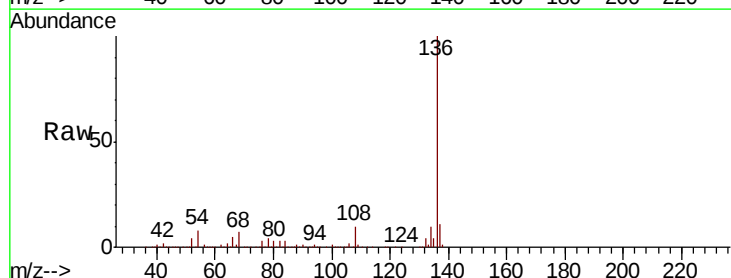
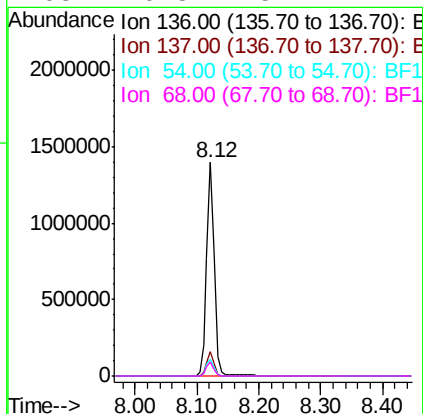
Ion Ratio Lower Upper

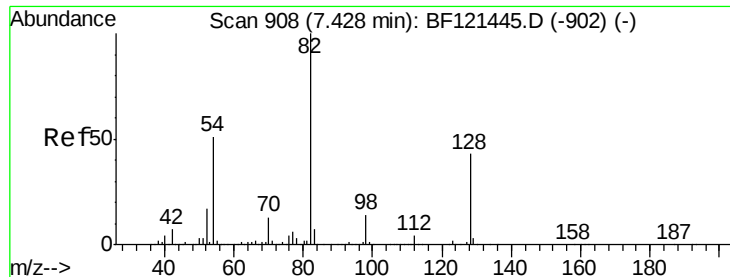
136 100

137 11.1 8.9 13.3

54 8.0 6.2 9.4

68 6.8 5.1 7.7





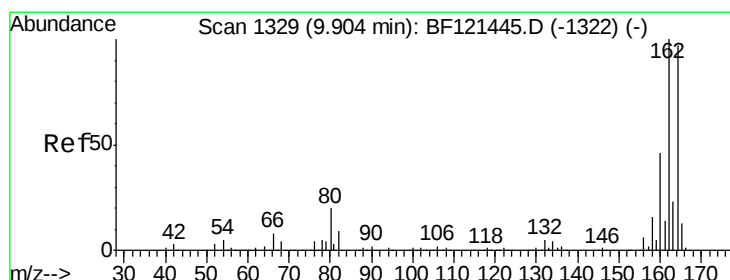
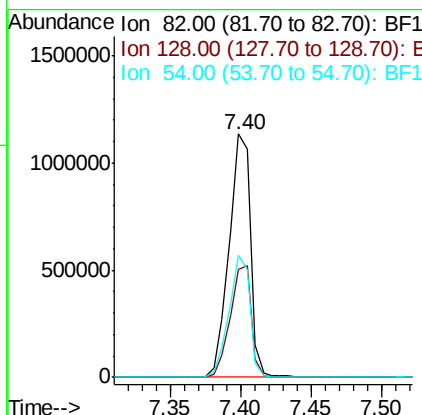
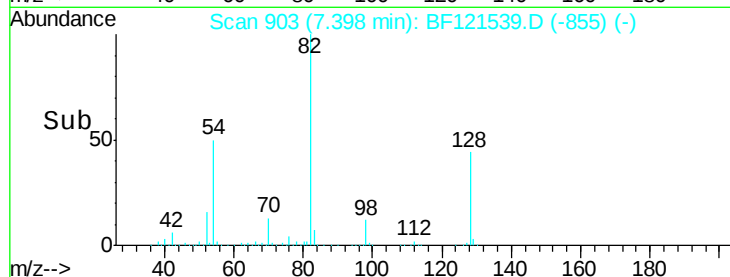
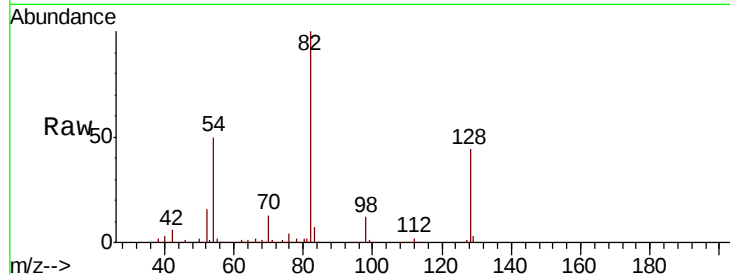
#23
 Nitrobenzene-d5
 Concen: 67.107 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Instrument :
 BNA_F
 ClientSampleId :
 BKG-1-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.3	55.9
54	49.9	39.0	58.6

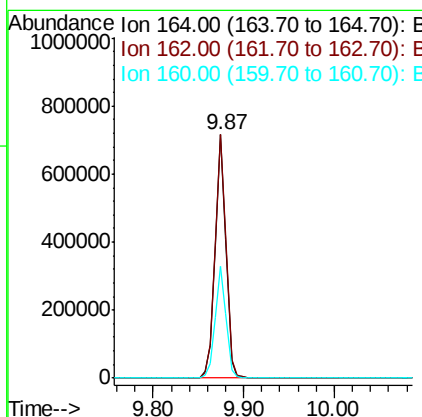
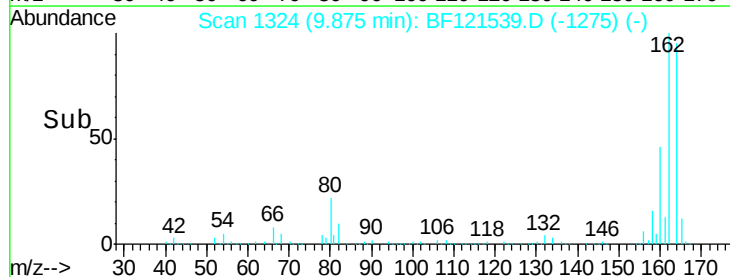
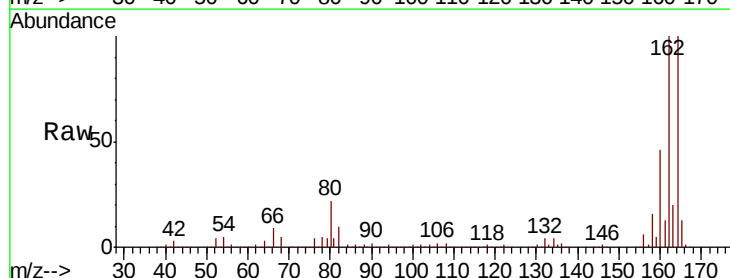
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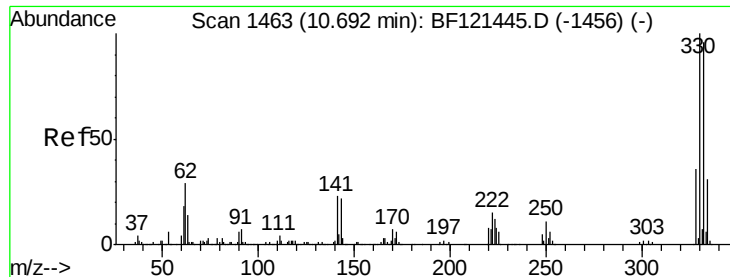
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.5	120.7
160	45.8	36.2	54.4





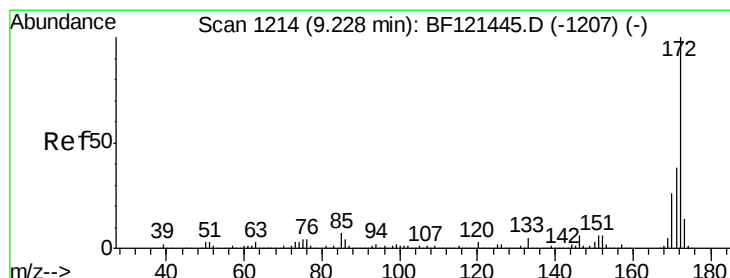
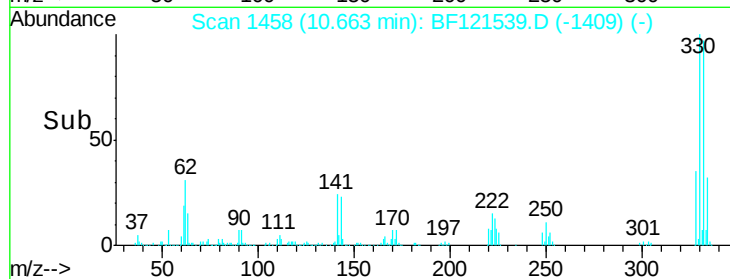
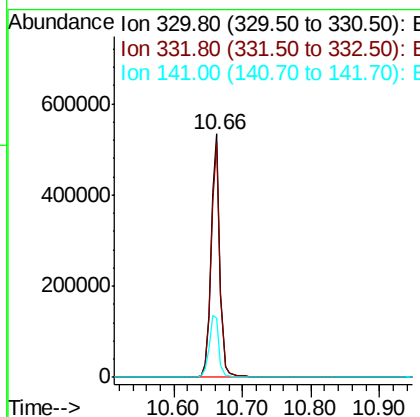
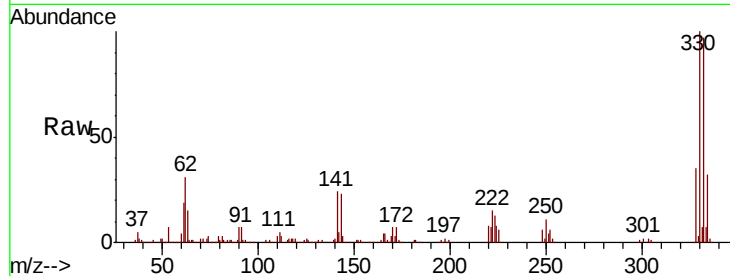
#42
 2,4,6-Tribromophenol
 Concen: 79.251 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Instrument :
 BNA_F
 ClientSampleId :
 BKG-1-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.2
141	29.0	22.6	34.0

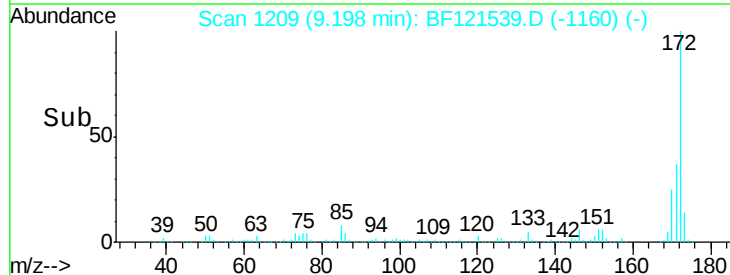
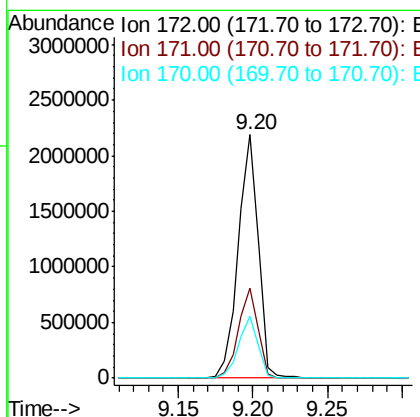
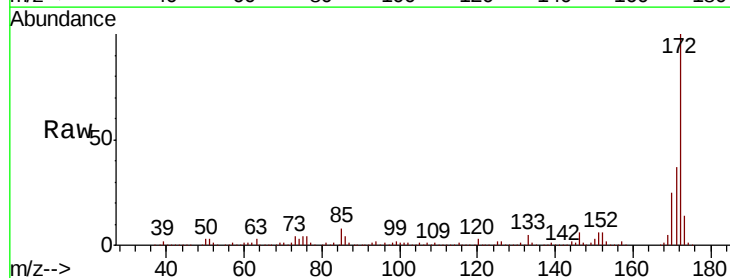
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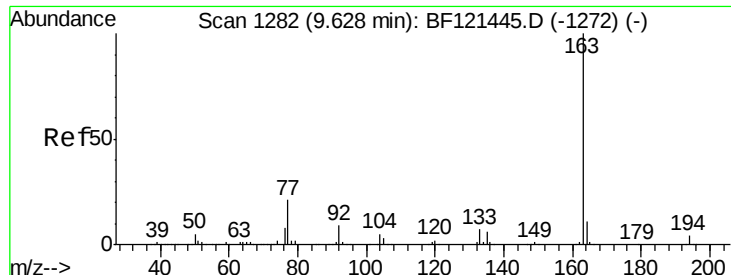
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#45
 2-Fluorobiphenyl
 Concen: 55.759 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.4	45.6
170	25.2	20.7	31.1





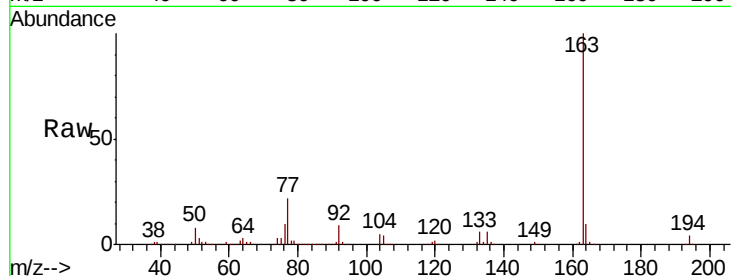
#50
Dimethylphthalate
Concen: 8.935 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampled :
BKG-1-(0.0-0.5)

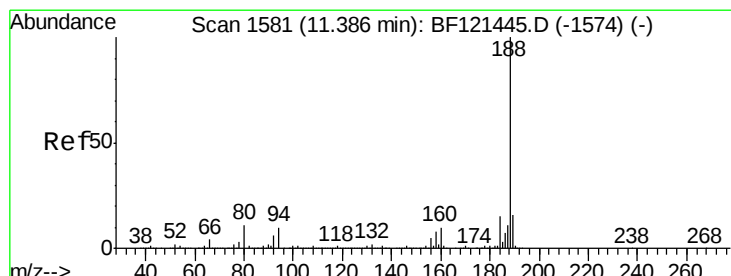
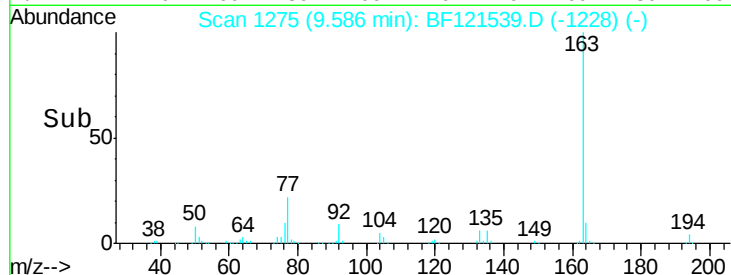
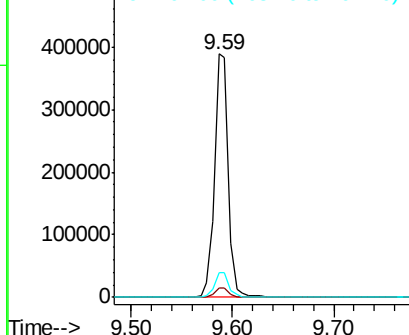
Tot Ion	Ratio	Resp	Lower	Upper
163	100	367913		
194	3.7		3.3	4.9
164	10.3		8.6	13.0

Manual Integrations
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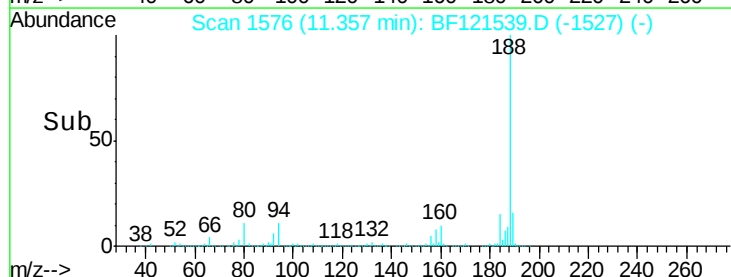
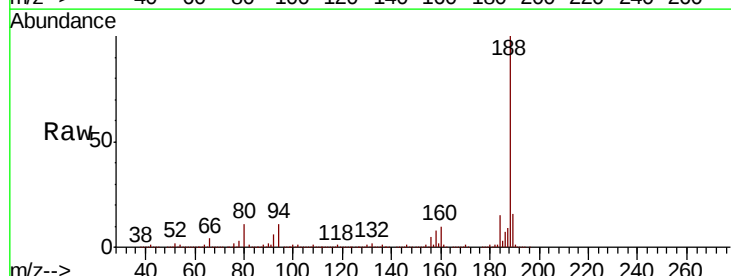
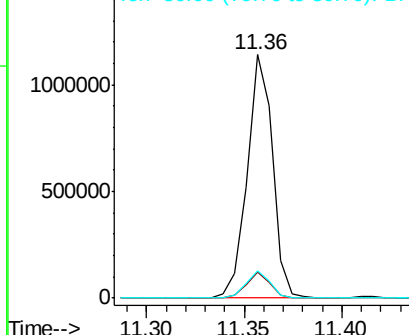
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

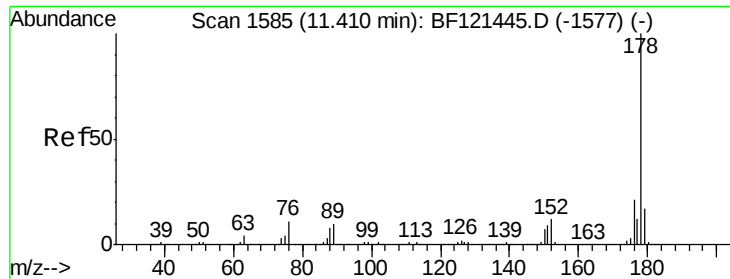


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1027066		
94	10.7		8.8	13.2
80	11.4		9.1	13.7

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





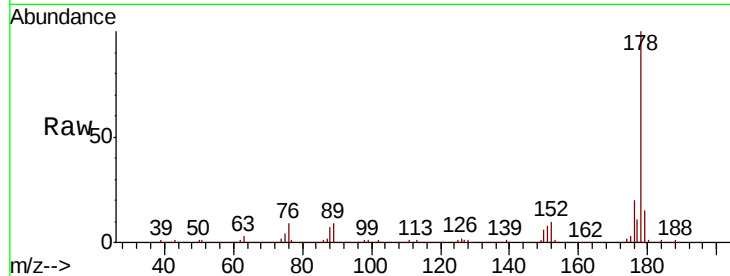
#71
Phenanthrene
Concen: 8.590 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.0	25.4
179	15.2	13.2	19.8

Manual Integrations
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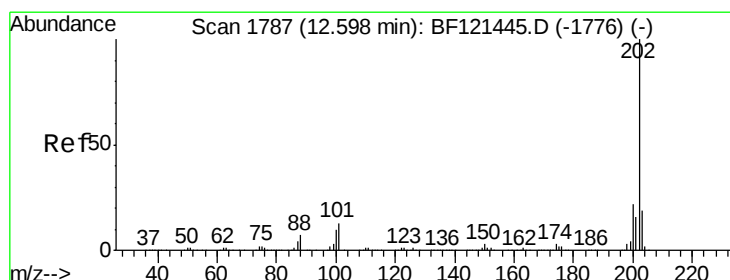
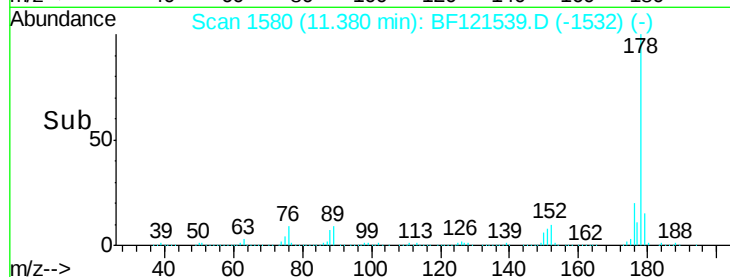
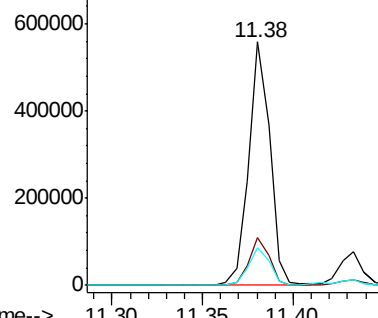


Abundance

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: 14.409 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

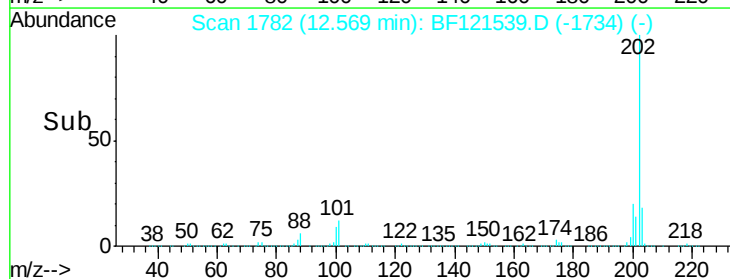
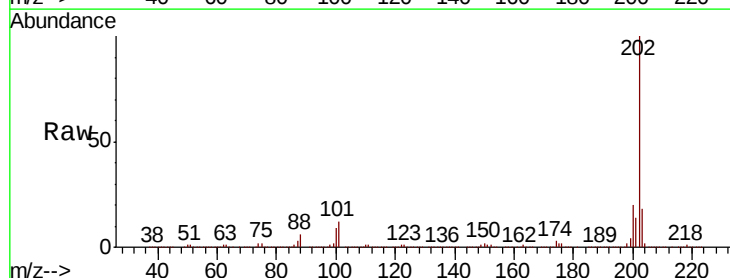
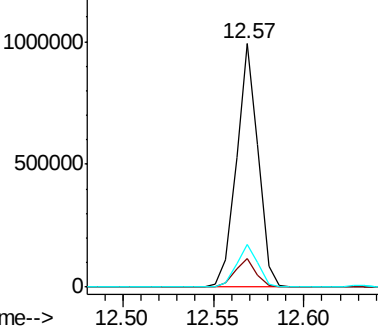
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.6
203	17.6	0.0	38.5

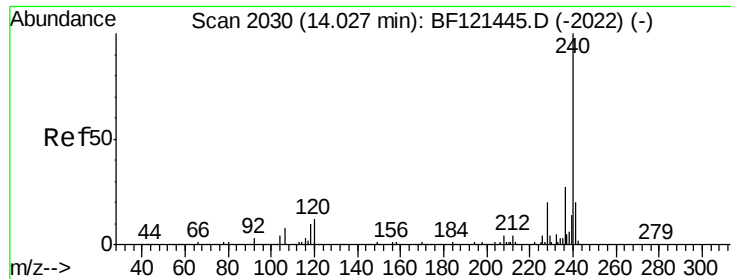
Abundance

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





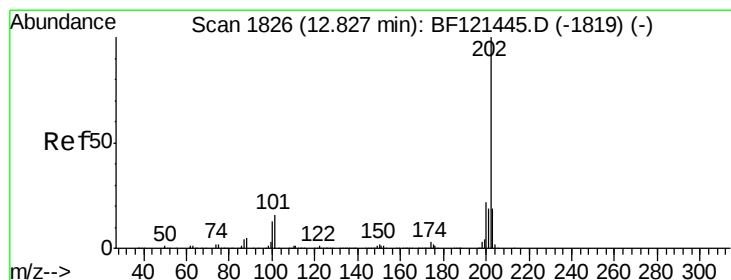
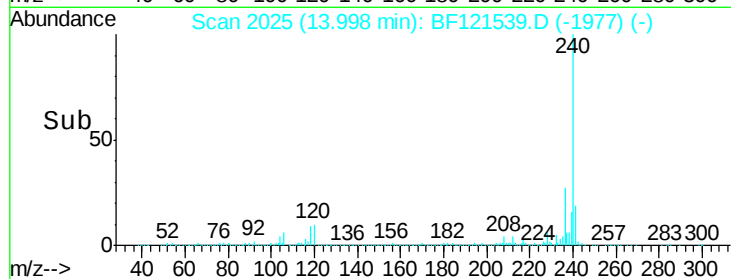
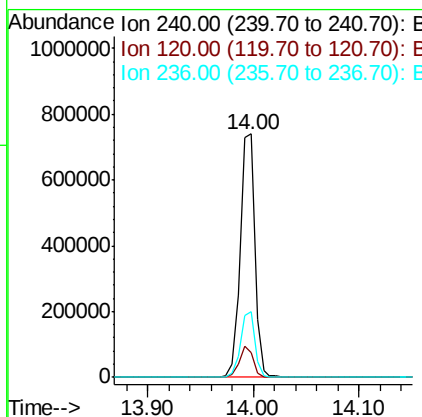
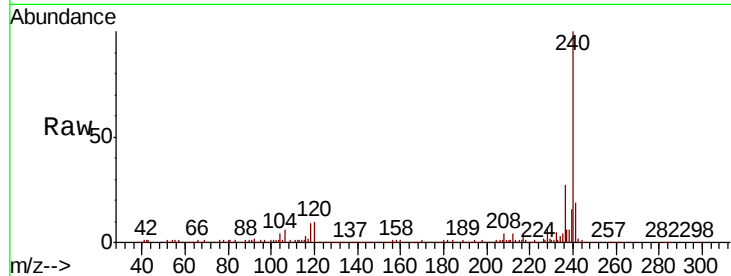
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	26.9	21.4	32.2

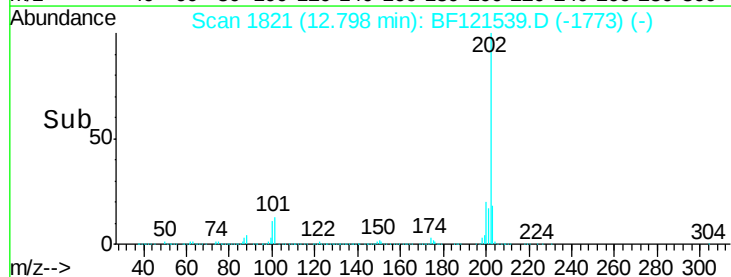
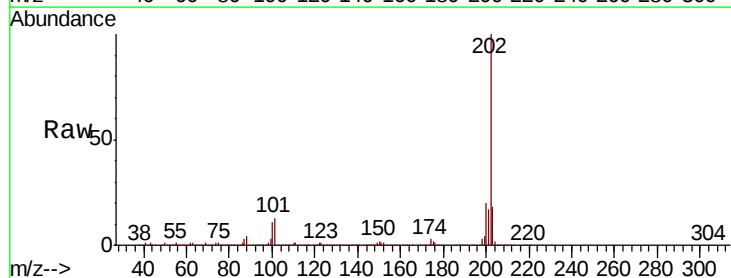
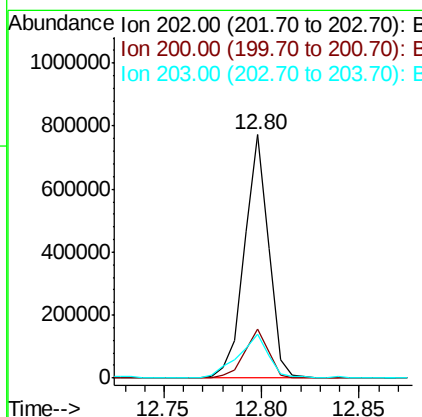
Manual Integrations
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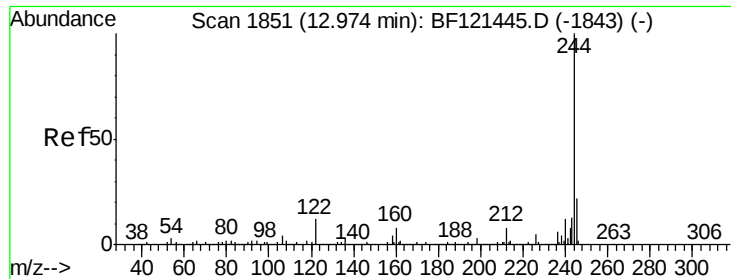
Sohil
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#78
Pyrene
Concen: 13.251 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	17.9	15.0	22.4





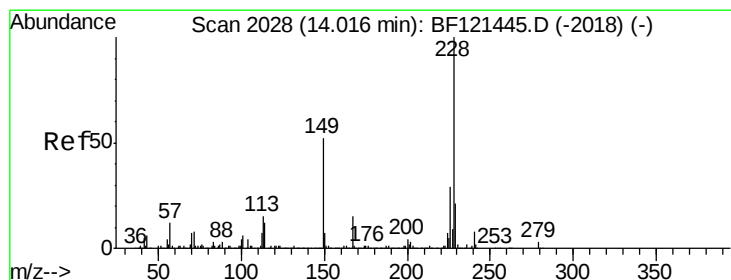
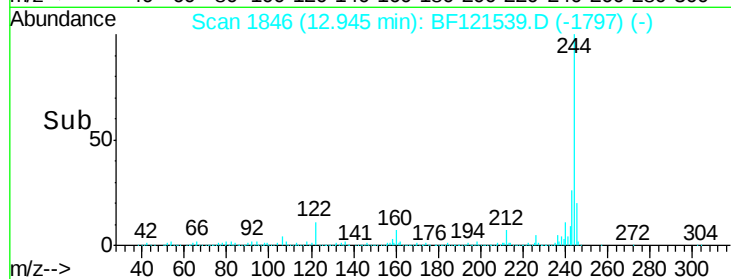
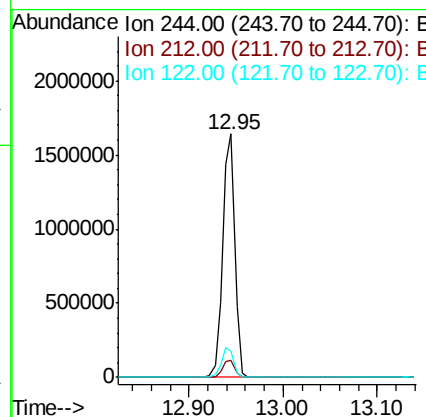
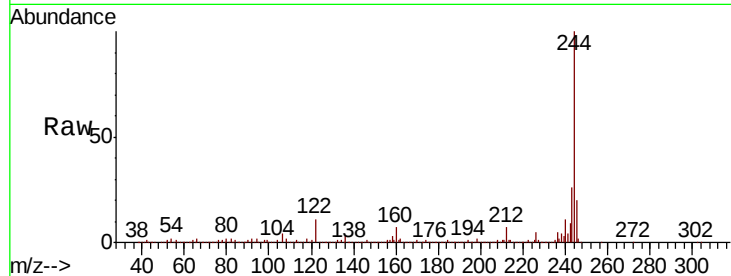
#79
 Terphenyl-d14
 Concen: 44.738 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Instrument :
 BNA_F
 ClientSampleId :
 BKG-1-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.8	9.3	13.9

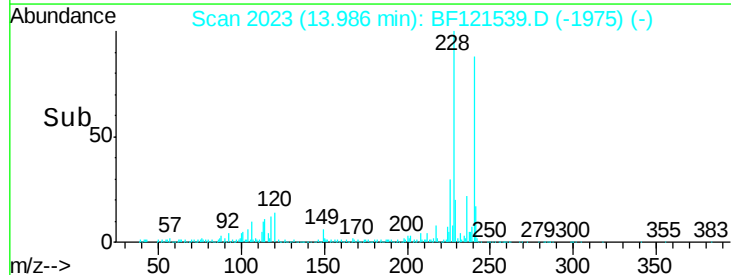
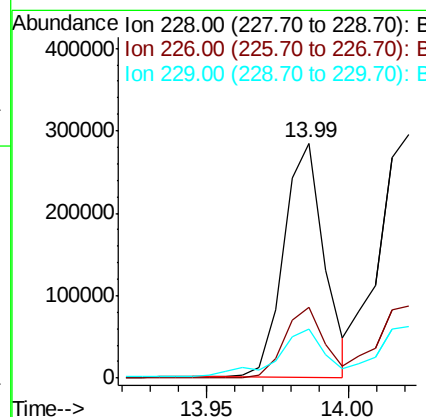
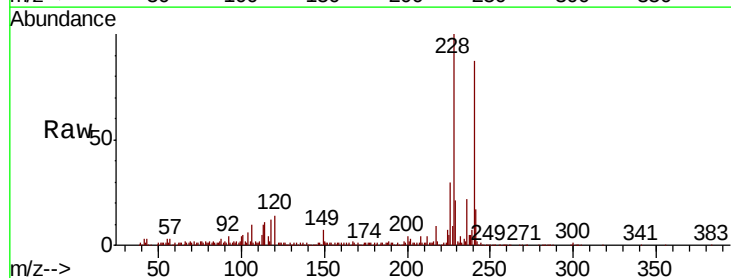
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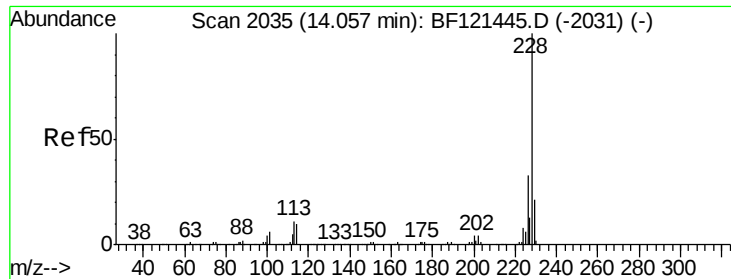
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#81
 Benzo(a)anthracene
 Concen: 6.604 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.3	34.9
229	20.7	16.4	24.6





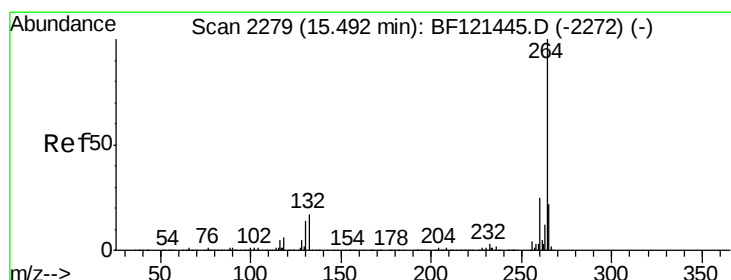
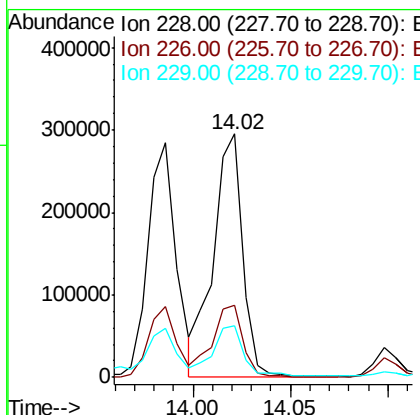
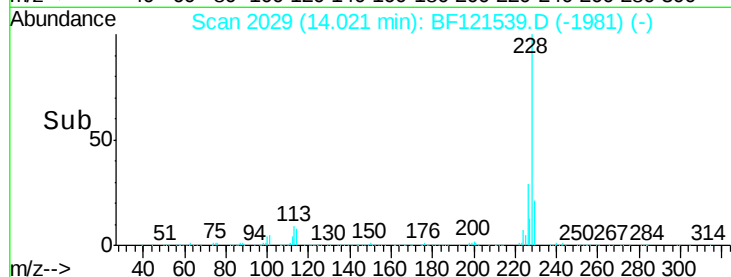
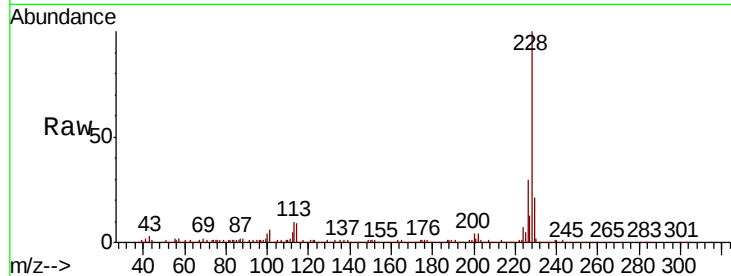
#83
 Chrysene
 Concen: 7.187 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Instrument :
 BNA_F
 ClientSampleId :
 BKG-1-(0.0-0.5)

Tot Ion:	228	Resp:	307129
Ion Ratio	Lower	Upper	
228	100		
226	29.6	26.5	39.7
229	21.1	17.1	25.7

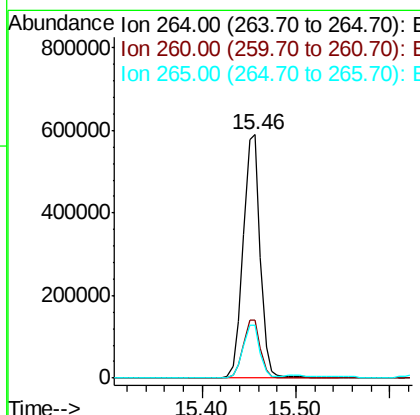
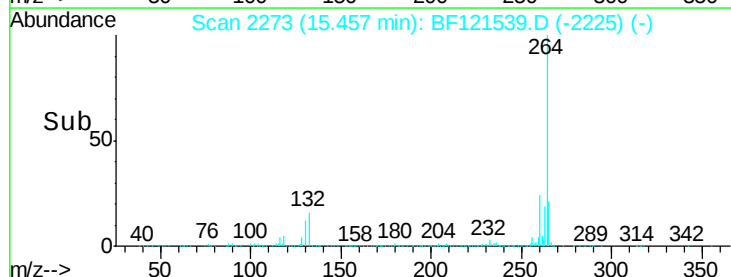
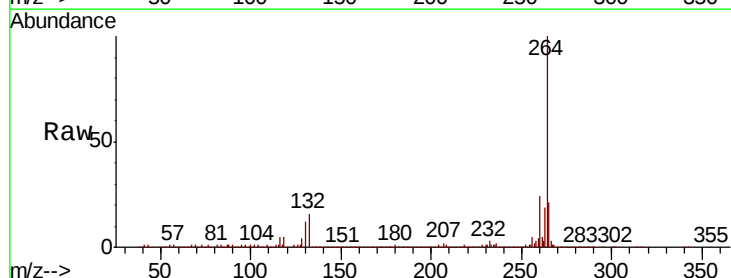
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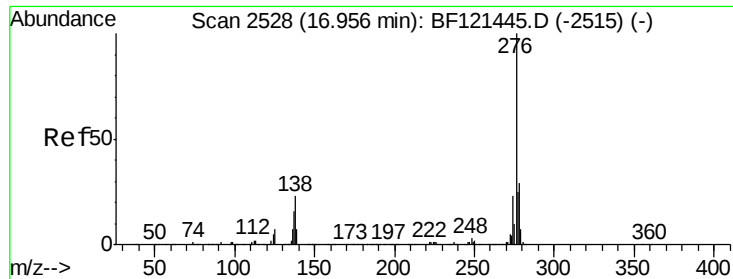
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Tgt Ion:	264	Resp:	744750
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.7	29.5
265	21.5	17.4	26.2





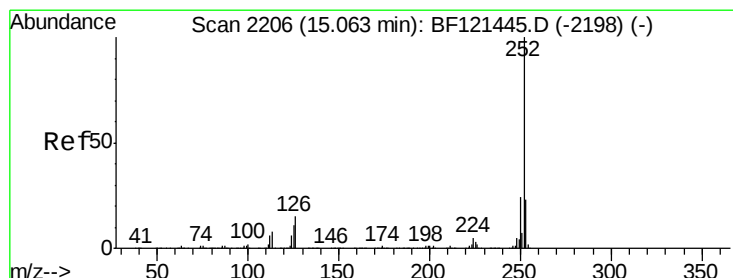
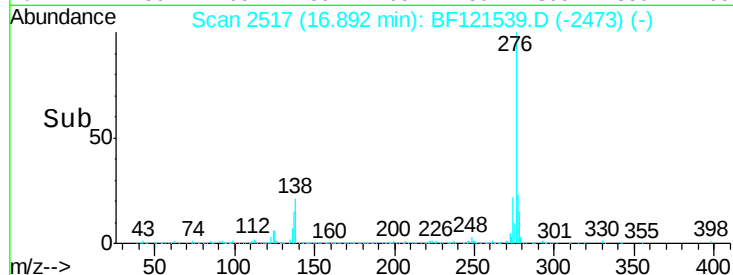
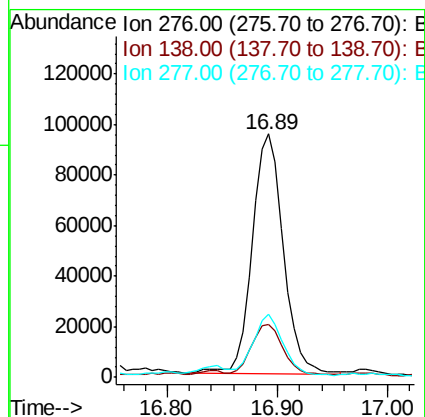
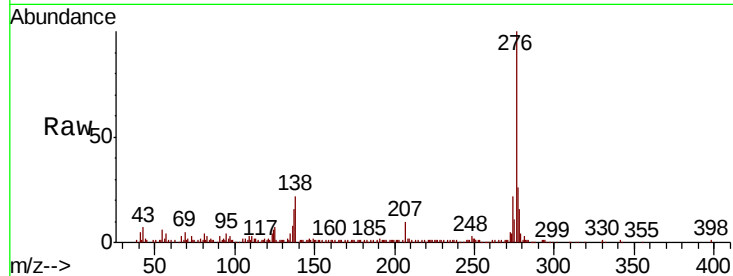
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.098 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.04 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Instrument :
 BNA_F
 ClientSampleId :
 BKG-1-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.7	31.1
277	24.6	20.4	30.6

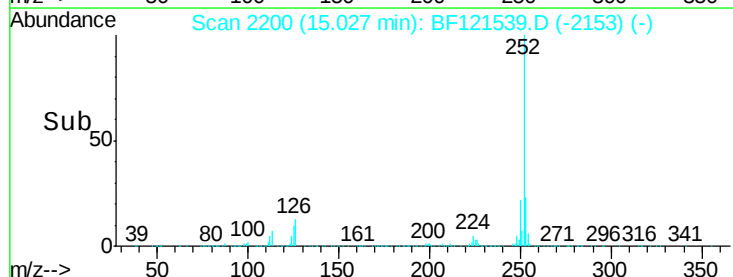
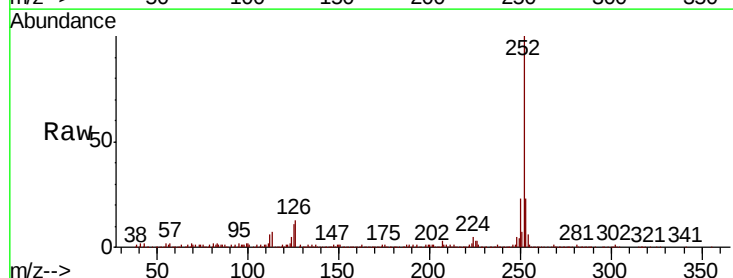
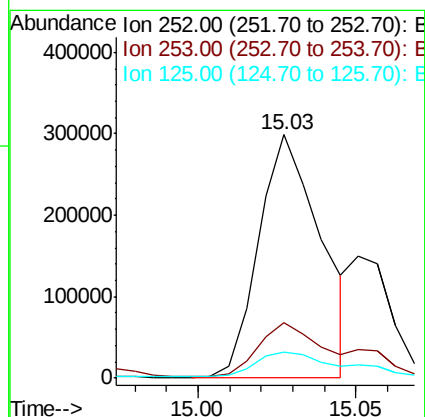
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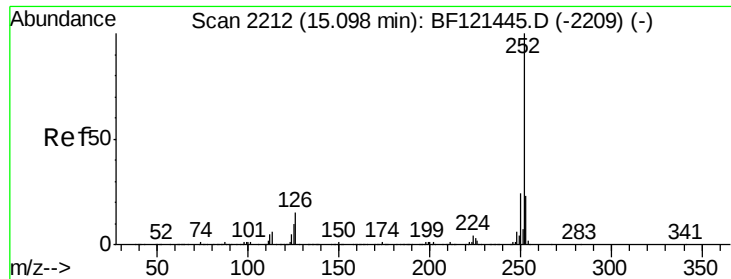
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#88
 Benzo(b)fluoranthene
 Concen: 8.410 ng m
 RT: 15.03 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	10.8	8.2	12.2





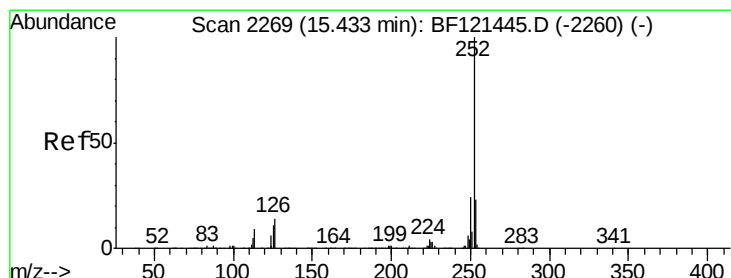
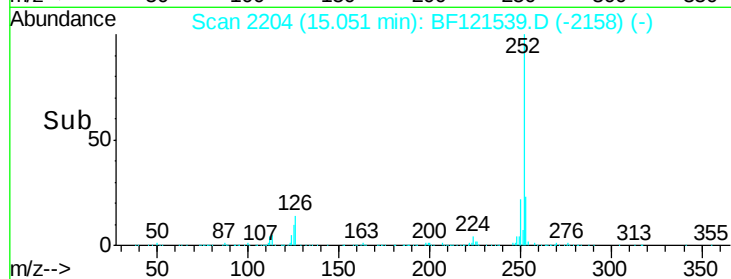
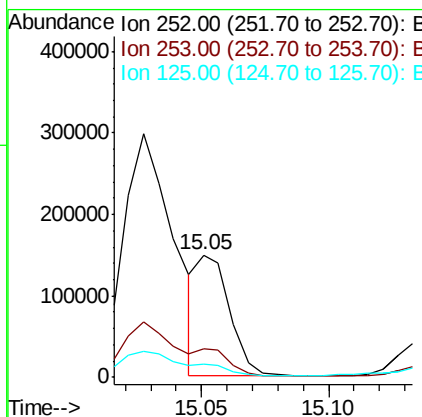
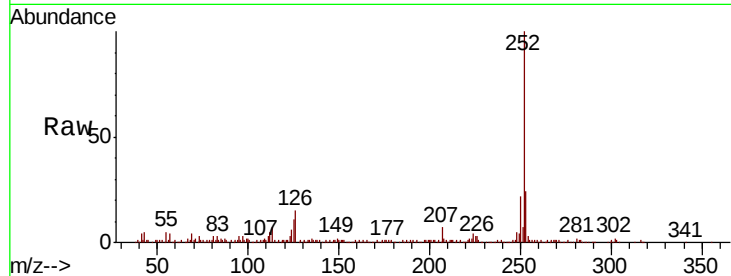
#89
Benzo(k)fluoranthene
Concen: 2.913 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	11.0	8.6	13.0

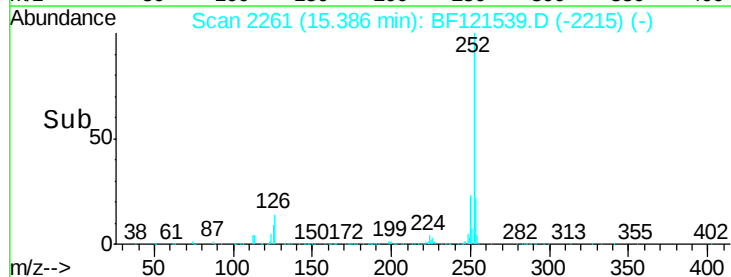
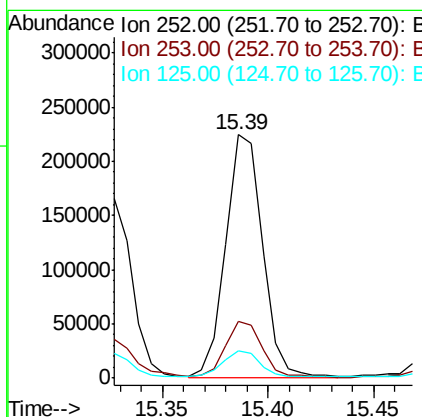
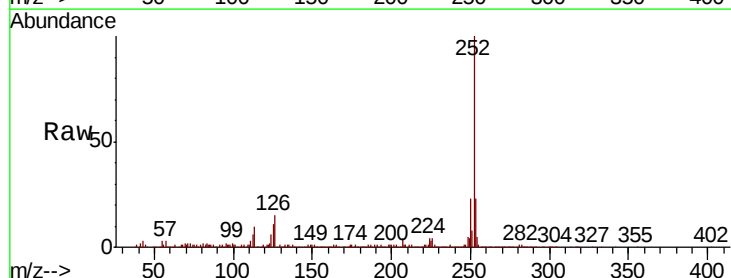
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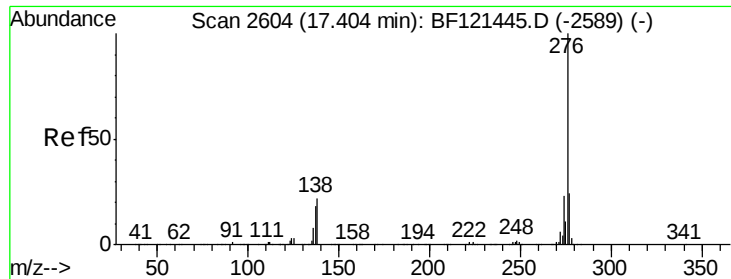
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#90
Benzo(a)pyrene
Concen: 6.199 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.03 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.3	8.8	13.2





#92
 Benzo(a,h,i)perylene
 Concen: 5.090 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. -0.05 min
 Lab File: BF121539.D
 Acq: 9 Sep 2020 00:06

Instrument :
 BNA_F
 ClientSampleId :
 BKG-1-(0.0-0.5)

Tot Ion:	276	Resp:	183915
Ion Ratio		Lower	Upper
276	100		
277	22.7	19.3	28.9
138	20.5	17.8	26.6

Manual Integrations
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