

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117535.D
 Acq On : 25 Oct 2019 14:52
 Operator : JU
 Sample : K5502-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 178-02-(0-2.3)

Manual Integrations
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mohammad
 10/29/2019 3:33:10 PM

Quant Time: Oct 26 01:11:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	39284	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	153818	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	81800	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	127859	20.00	ng	0.00
76) Chrysene-d12	13.89	240	76418	20.00	ng	0.00
87) Perylene-d12	15.32	264	79176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	248612	94.15	ng	0.00
7) Phenol-d6	6.38	99	338400	95.42	ng	0.00
23) Nitrobenzene-d5	7.29	82	211586	67.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	67371	95.19	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	333603	57.46	ng	-0.01
79) Terphenyl-d14	12.83	244	256506	54.75	ng	0.00
Target Compounds						
10) Phenol	6.39	94	8828	2.439	ng	95
50) Dimethylphthalate	9.48	163	66430	11.392	ng	100
71) Phenanthrene	11.27	178	58294	7.852	ng	98
75) Fluoranthene	12.46	202	77146	10.380	ng	97
78) Pyrene	12.69	202	64964	9.897	ng	99
81) Benzo(a)anthracene	13.88	228	29853	5.791	ng	99
83) Chrysene	13.92	228	25224	4.993	ng	96
86) Indeno(1,2,3-cd)pyrene	16.74	276	14141	3.749	ng	95
88) Benzo(b)fluoranthene	14.92	252	27680m	5.920	ng	
89) Benzo(k)fluoranthene	14.94	252	9960m	2.078	ng	
90) Benzo(a)pyrene	15.27	252	20571	4.839	ng	# 88
92) Benzo(a,h,i)perylene	17.17	276	13474	3.874	ng	# 89

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

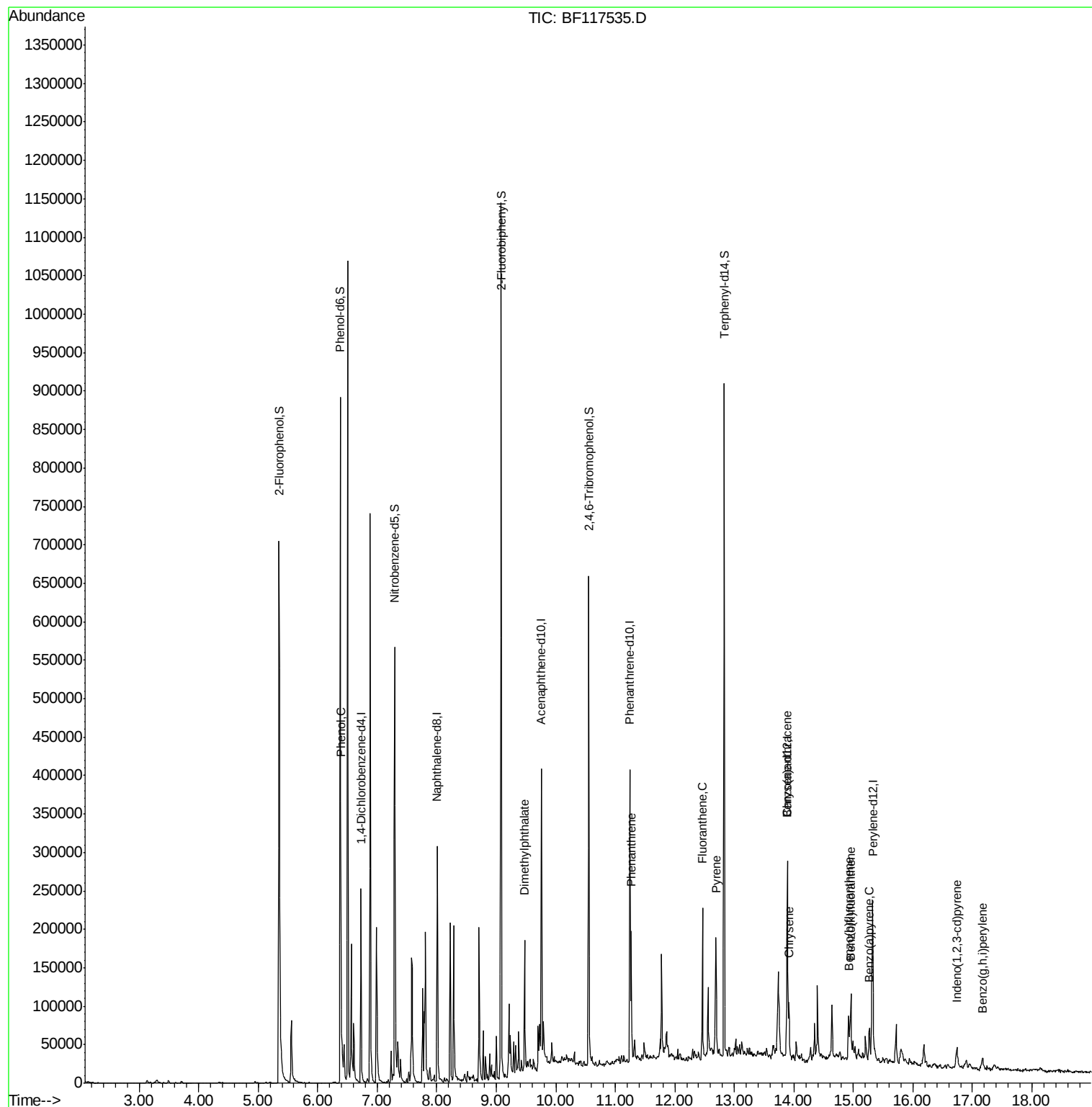
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117535.D
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BNA_F
ClientSampleId :
178-02-(0-2.3)

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Quant Time: Oct 26 01:11:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration





#1

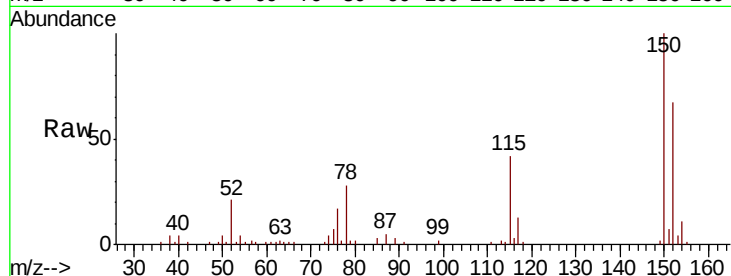
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	126.8	190.2
115	62.6	51.6	77.4

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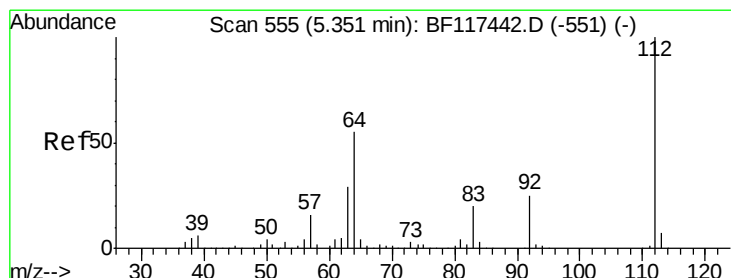
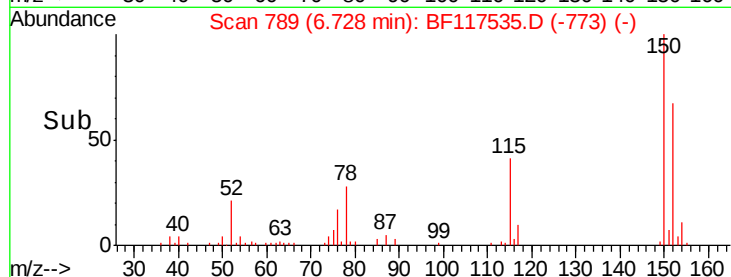
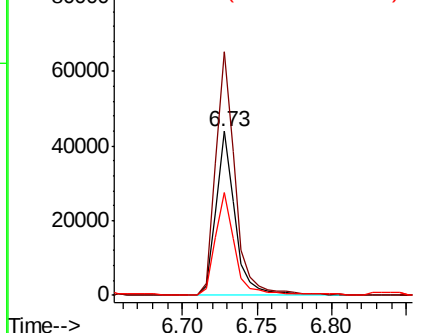


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

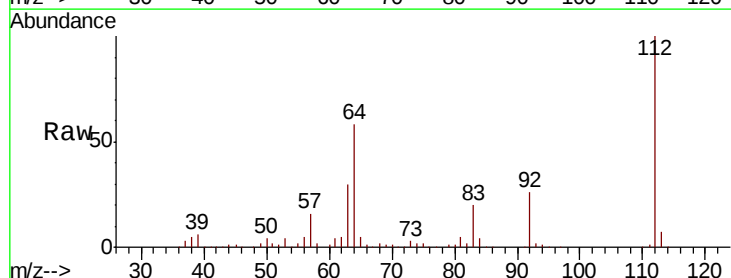
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.151 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.5	23.4	35.2

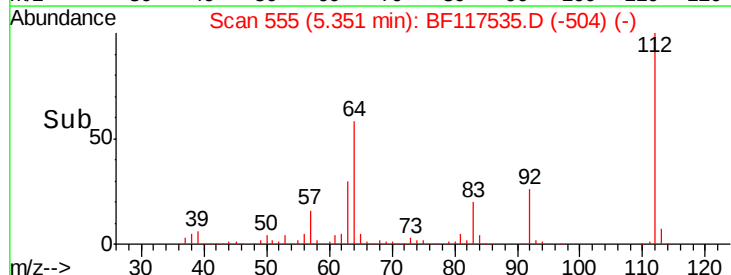
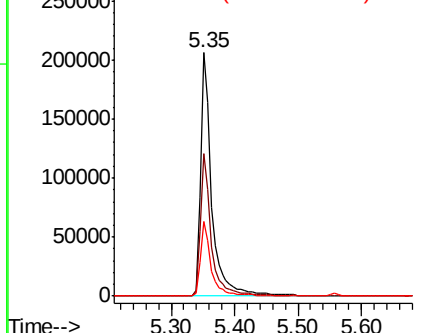


Abundance

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: 95.415 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117535.D

Acq: 25 Oct 2019 14:52

Instrument :

BNA_F

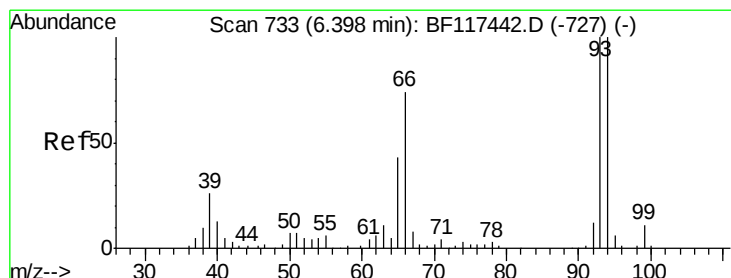
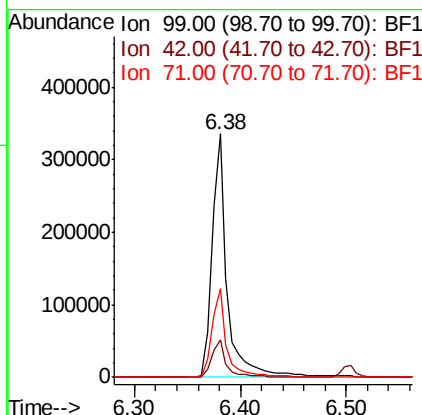
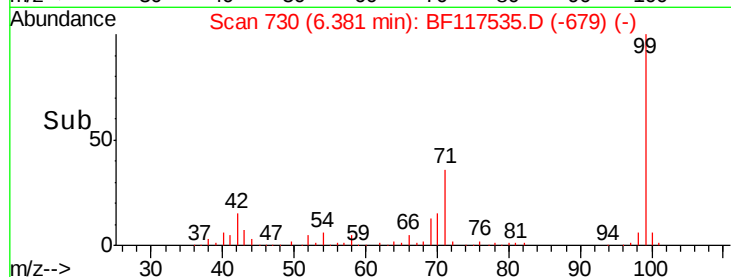
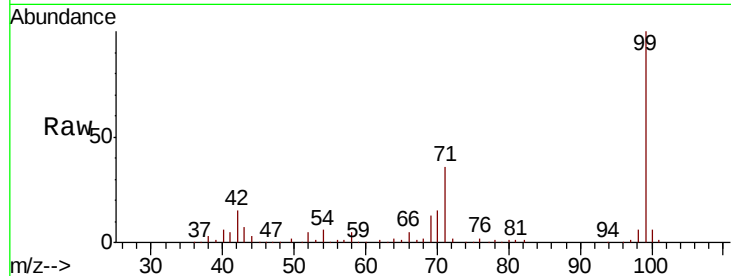
ClientSampleId :

178-02-(0-2.3)

Tot Ion:	99	Resp:	338400
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	36.3	28.6	43.0

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#10

Phenol

Concen: 2.439 ng

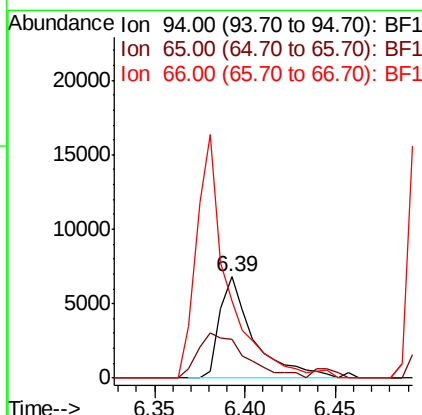
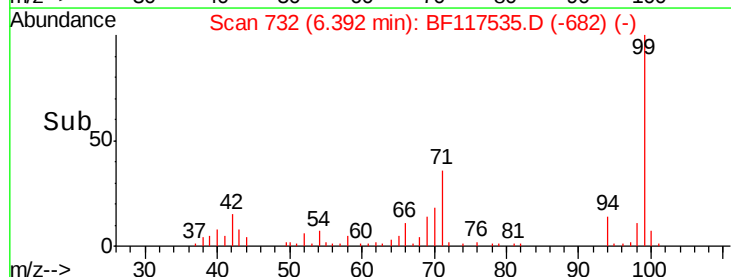
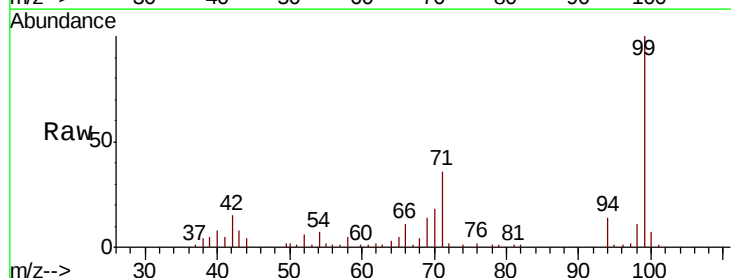
RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117535.D

Acq: 25 Oct 2019 14:52

Tgt Ion:	94	Resp:	8828
Ion	Ratio	Lower	Upper
94	100		
65	37.9	23.4	63.4
66	76.6	54.7	94.7





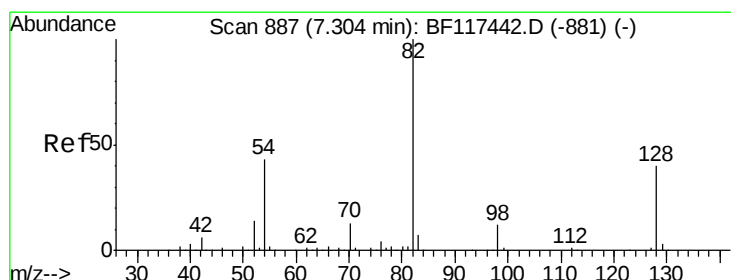
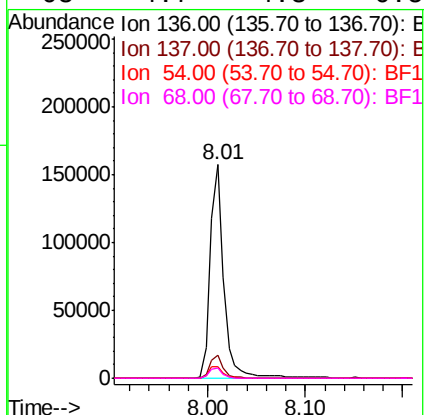
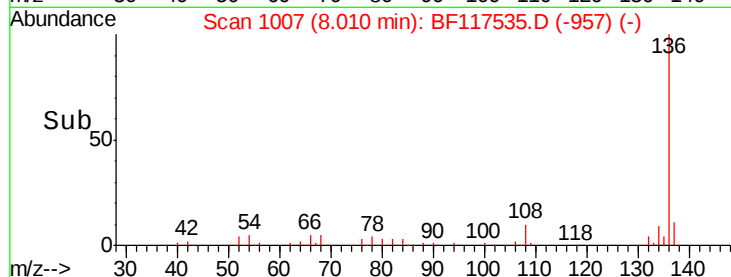
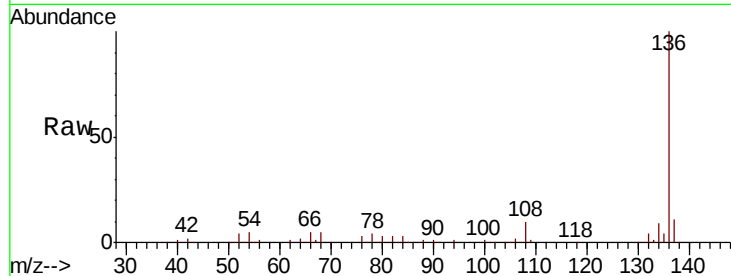
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		153818		
137	10.6	8.2	12.4		
54	5.4	4.5	6.7		
68	4.7	4.3	6.5		

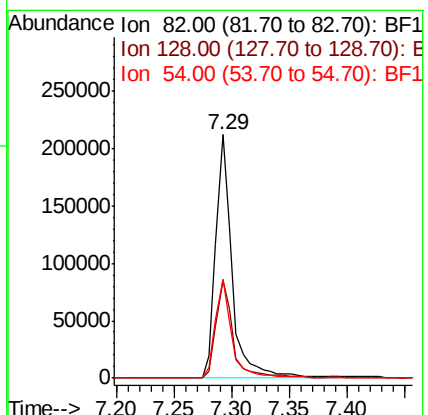
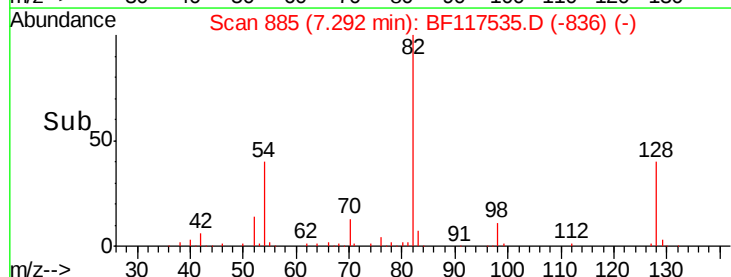
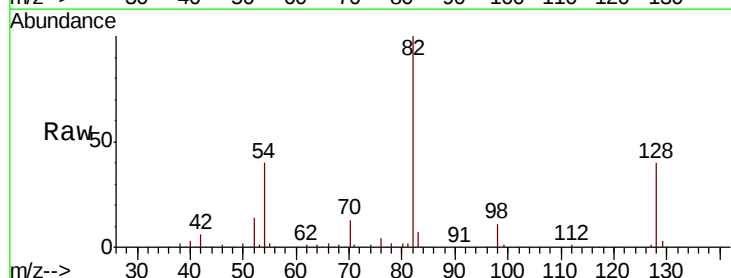
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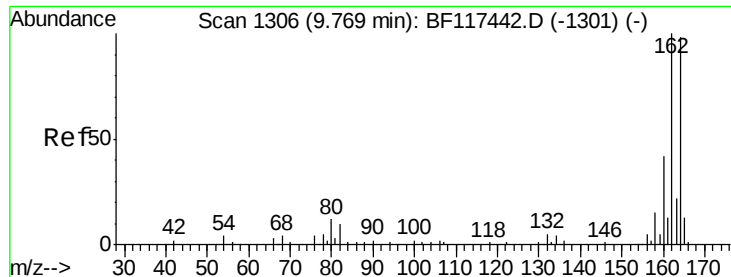
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#23
Nitrobenzene-d5
Concen: 67.909 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		211586		
128	40.1	32.2	48.2		
54	40.5	34.2	51.2		





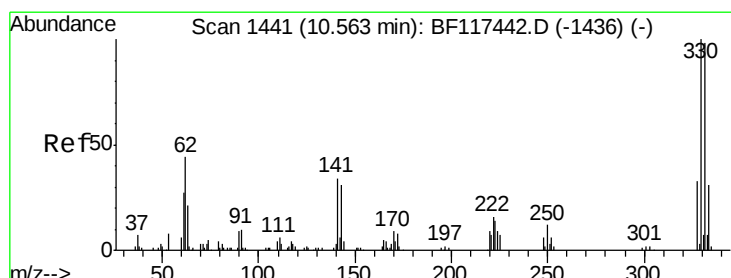
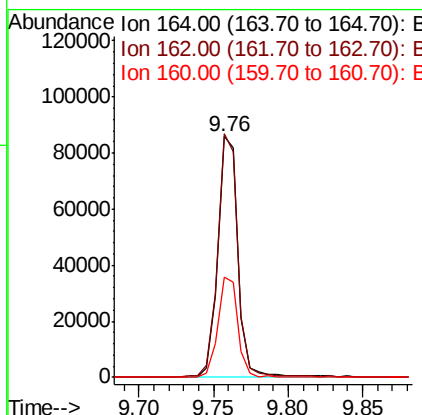
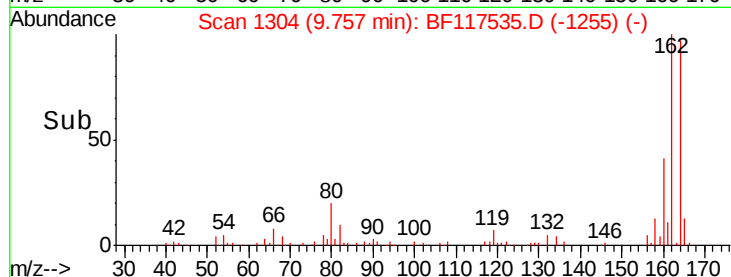
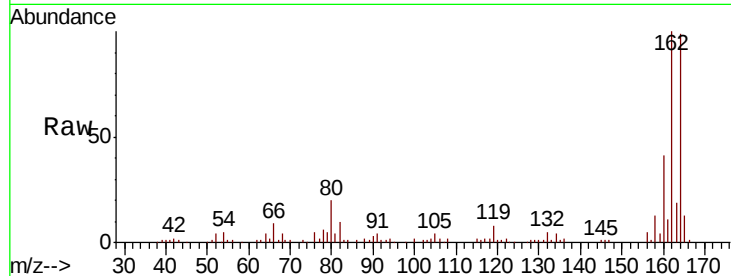
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	41.7	34.4	51.6

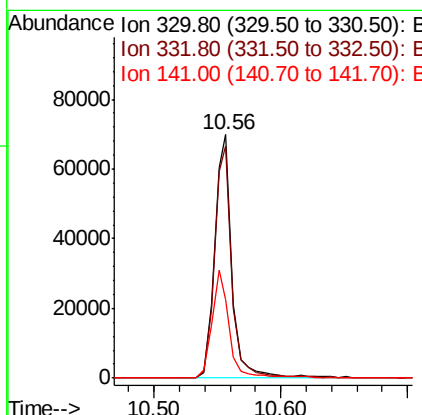
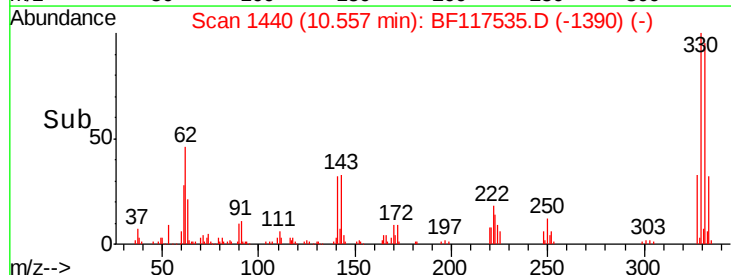
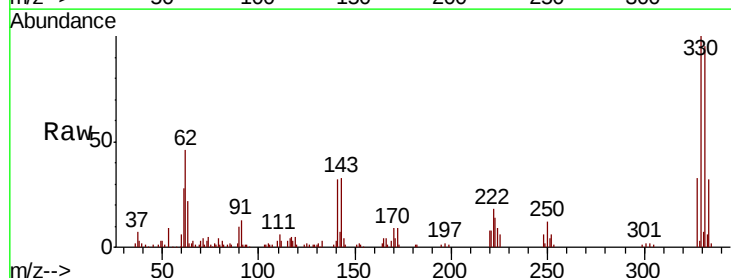
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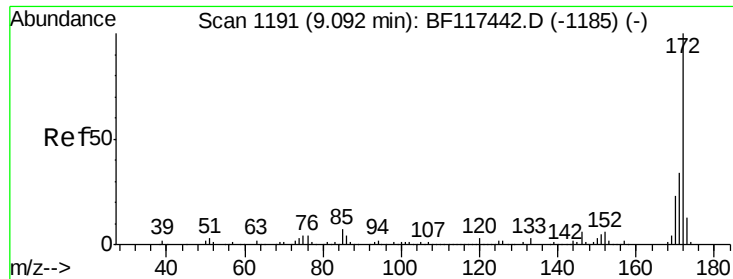
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#42
2,4,6-Tribromophenol
Concen: 95.186 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.5	117.7
141	43.2	37.0	55.6





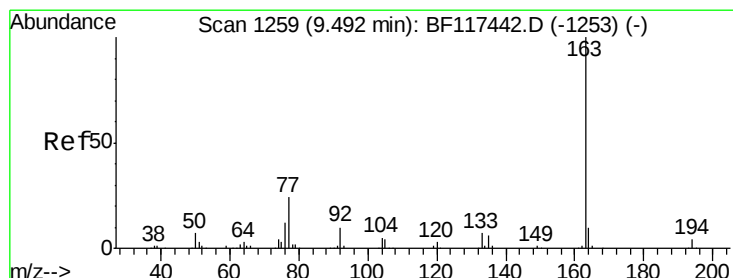
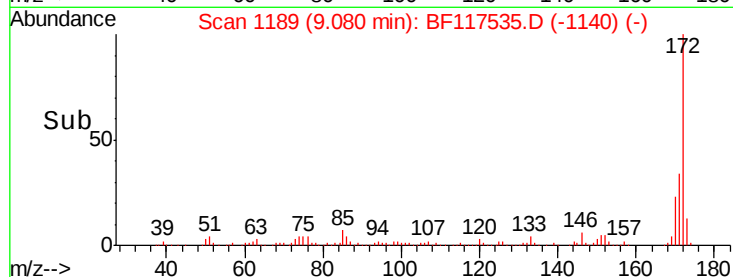
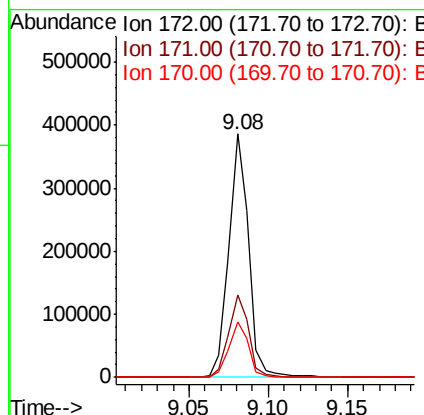
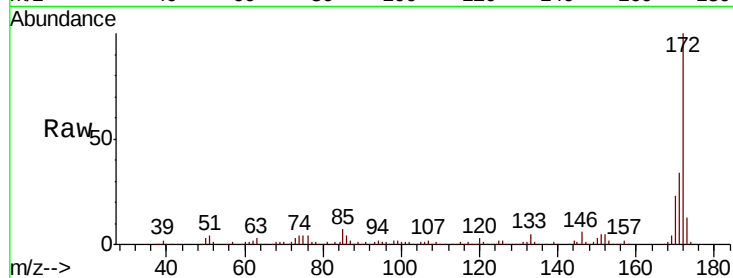
#45
2-Fluorobiphenyl
Concen: 57.462 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.5	41.3
170	22.7	18.6	27.8

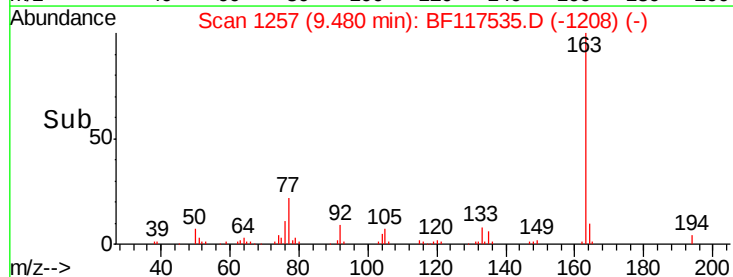
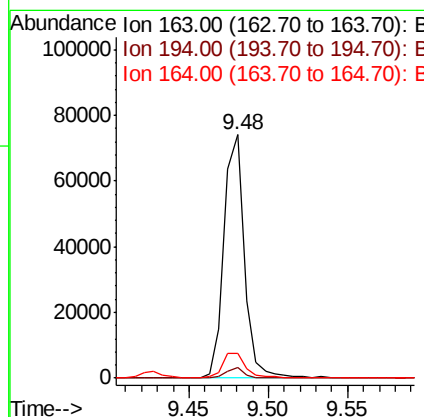
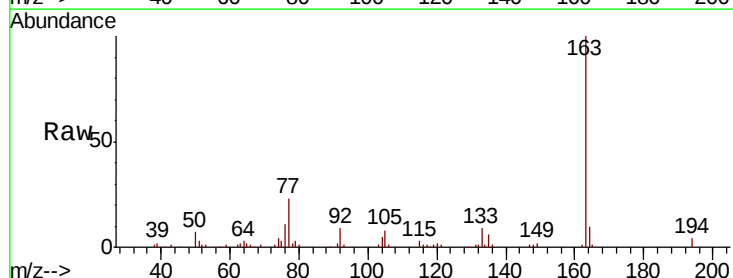
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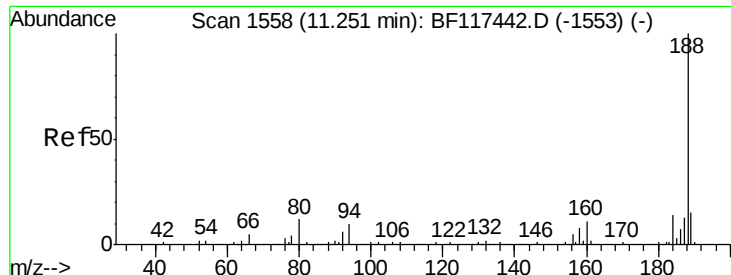
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#50
Dimethylphthalate
Concen: 11.392 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.9	4.3
164	10.2	8.2	12.2





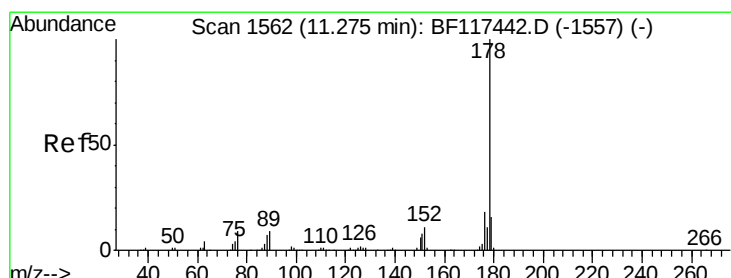
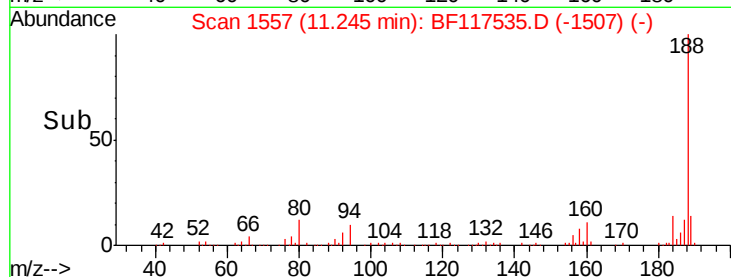
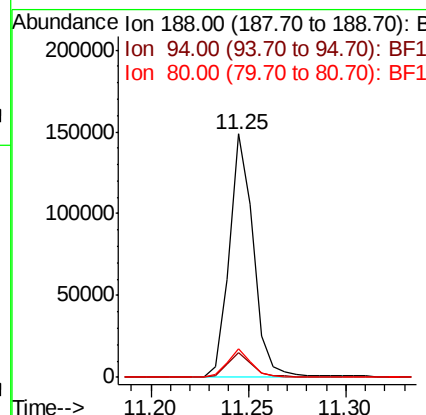
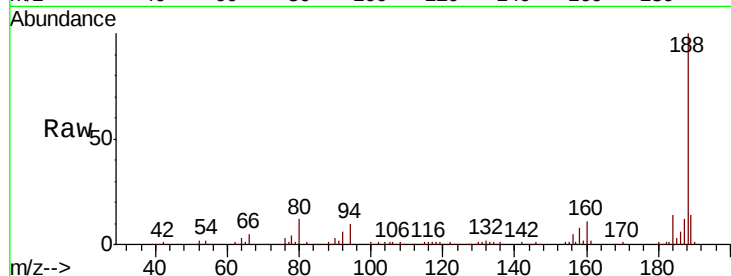
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.2	8.0	12.0
80	11.8	9.5	14.3

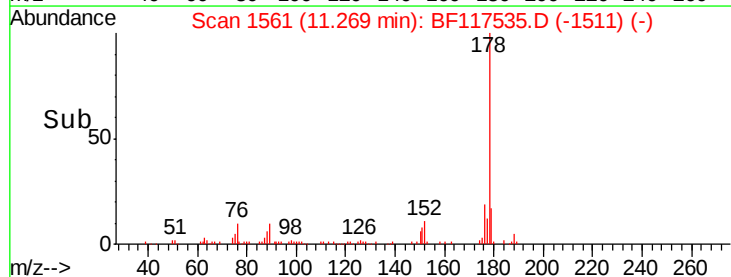
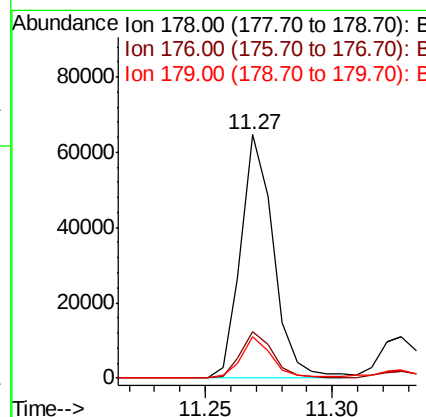
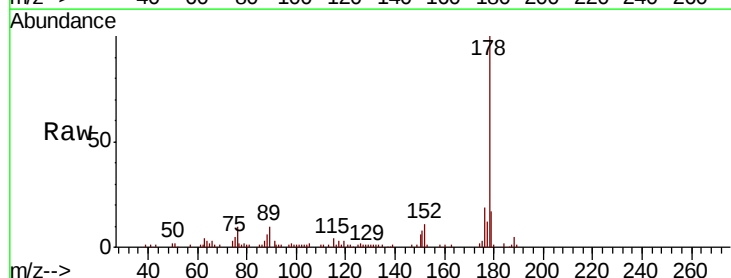
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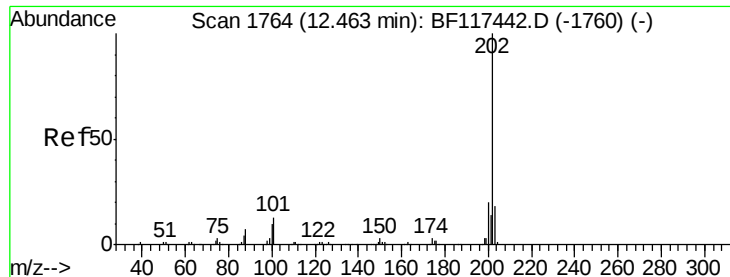
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#71
Phenanthrene
Concen: 7.852 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	14.6	22.0
179	17.0	12.6	19.0





#75

Fluoranthene

Concen: 10.380 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117535.D

Acq: 25 Oct 2019 14:52

Instrument :

BNA_F

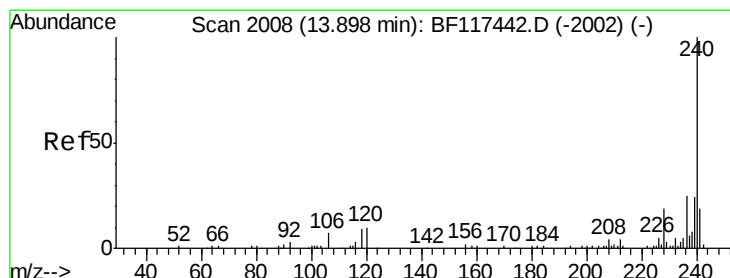
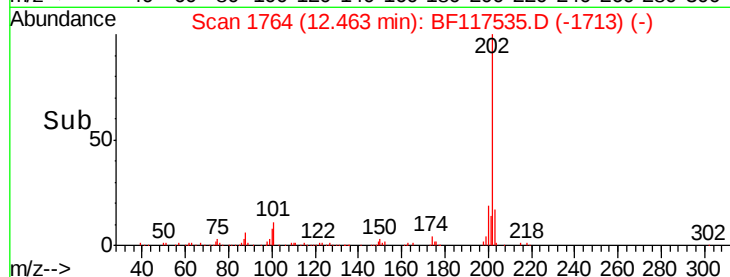
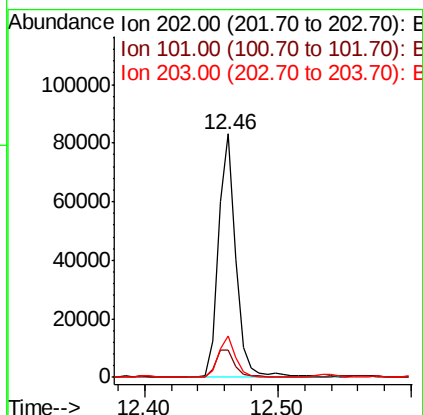
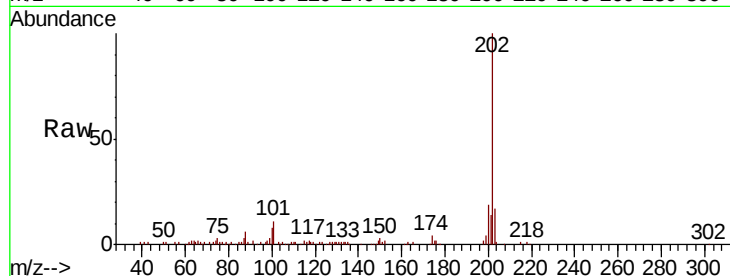
ClientSampleId :

178-02-(0-2.3)

Tot Ion:	202	Resp:	77146
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	32.7
203	16.8	0.0	37.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

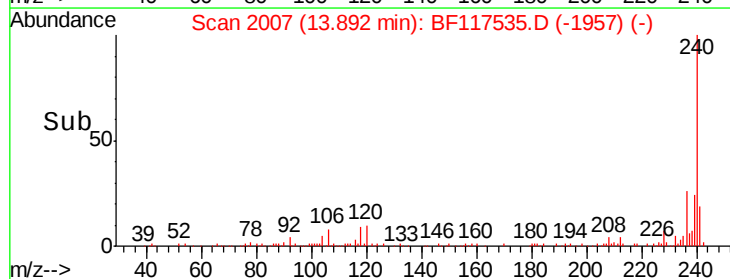
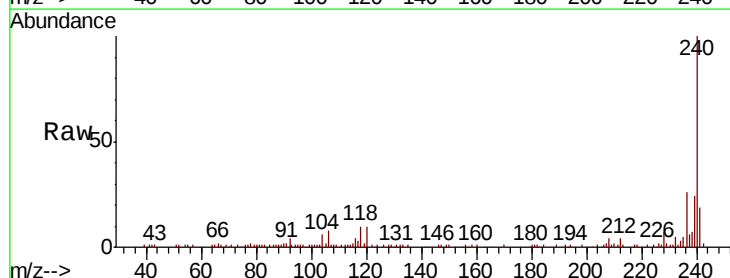
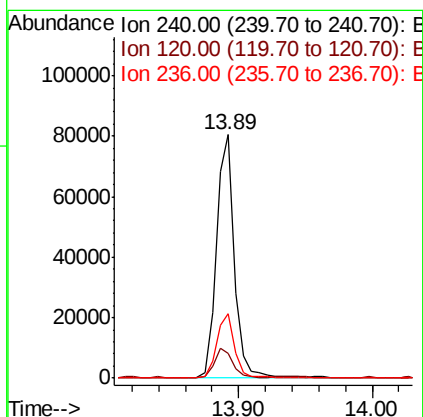
RT: 13.89 min Scan# 2007

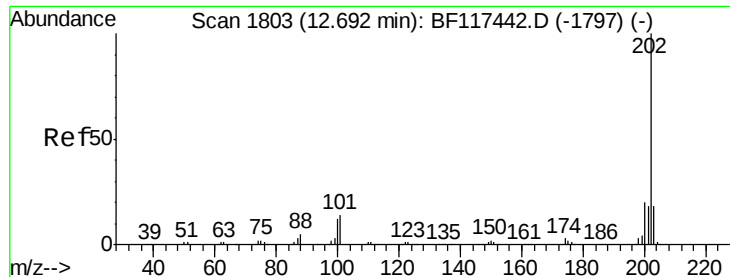
Delta R.T. -0.01 min

Lab File: BF117535.D

Acq: 25 Oct 2019 14:52

Tgt Ion:	240	Resp:	76418
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	26.3	20.0	30.0





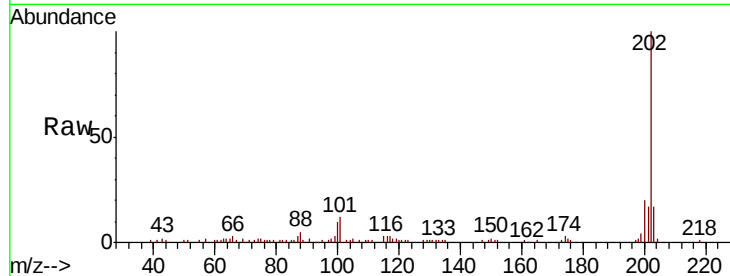
#78
Pvrene
Concen: 9.897 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.2	24.2
203	16.6	14.0	21.0

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10/29/2019 3:33:10 PM

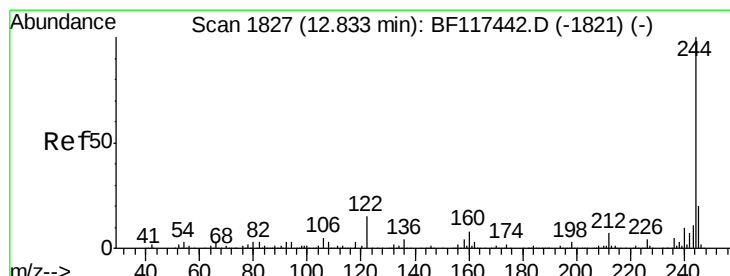
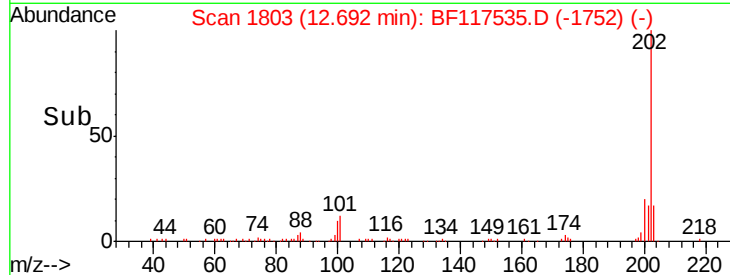
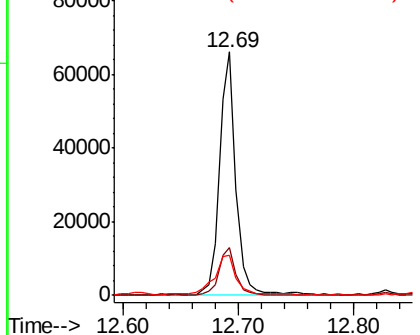


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 54.750 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

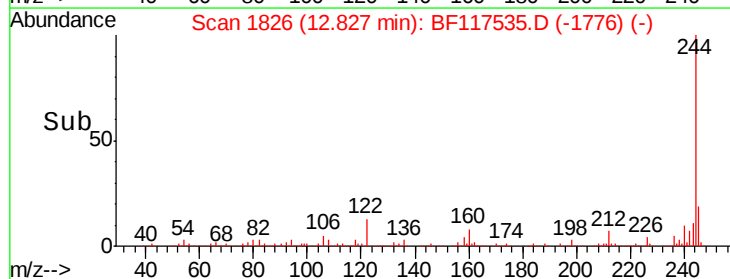
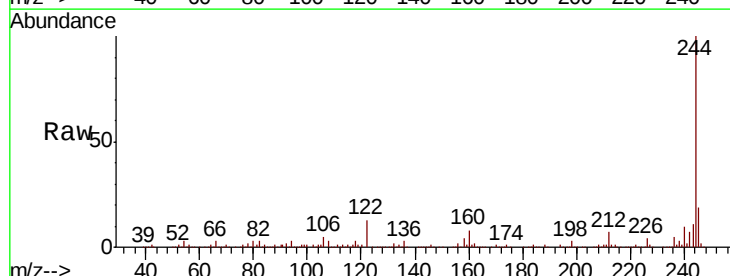
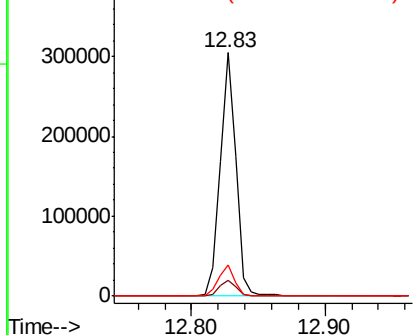
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.6	11.8	17.8

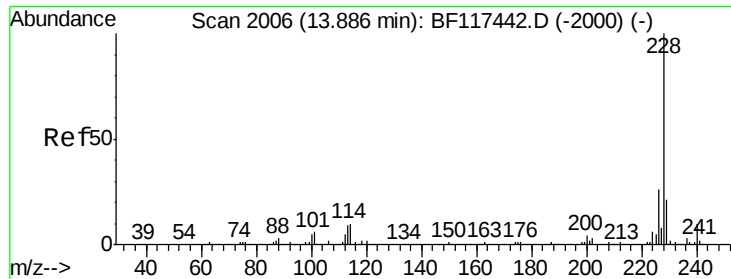
Abundance

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





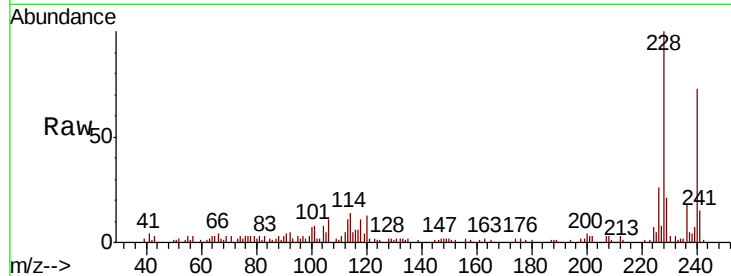
#81
Benzo(a)anthracene
Concen: 5.791 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.0	31.4
229	21.3	16.4	24.6

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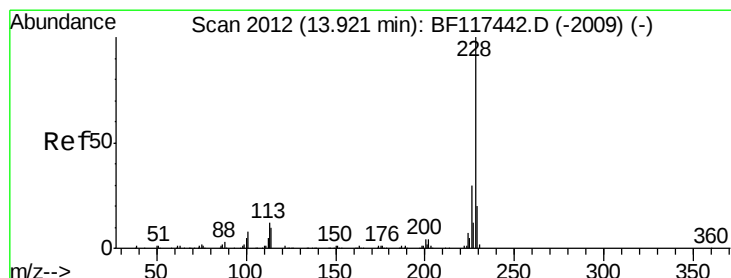
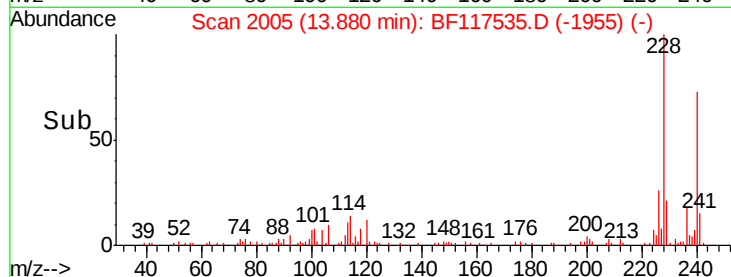
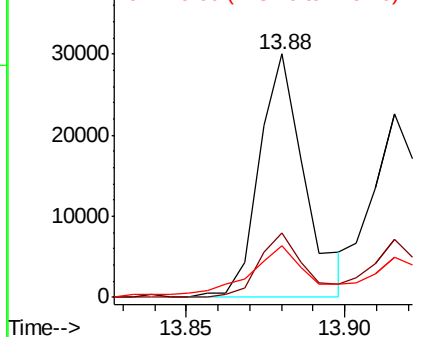


Abundance

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: 4.993 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

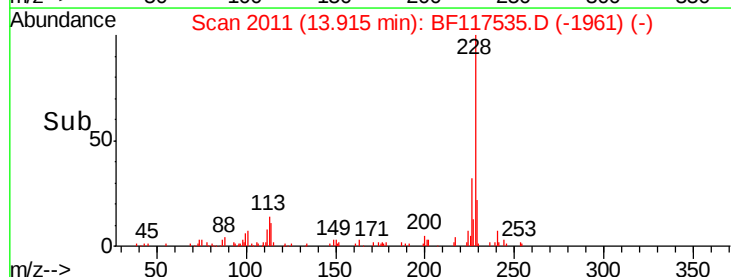
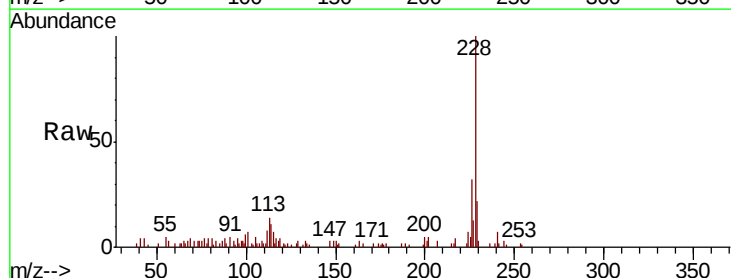
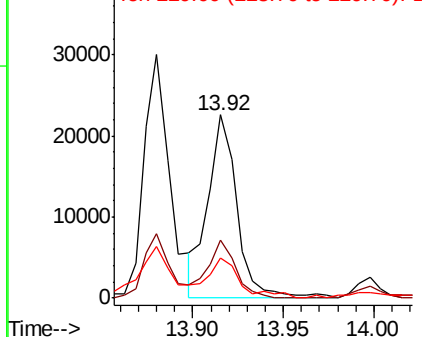
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.9	35.9
229	21.7	15.8	23.6

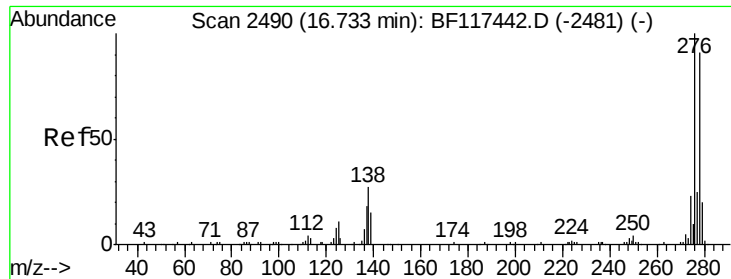
Abundance

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





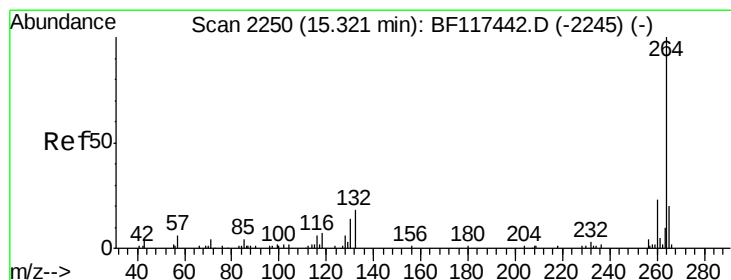
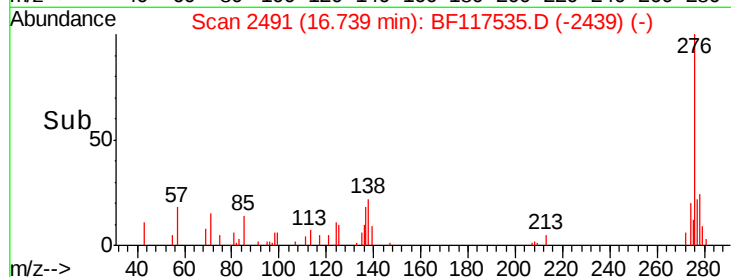
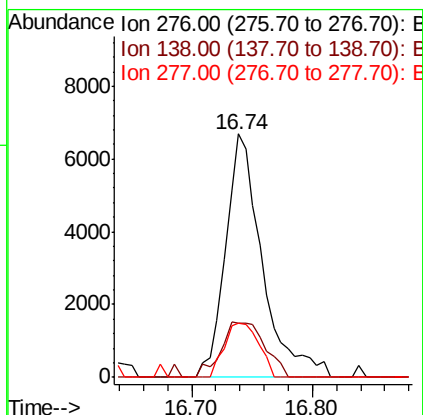
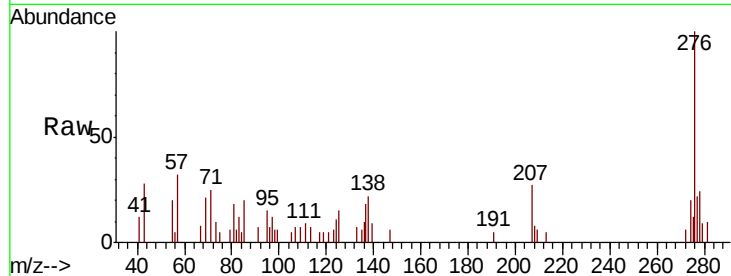
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.749 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.8
277	20.7	20.0	30.0

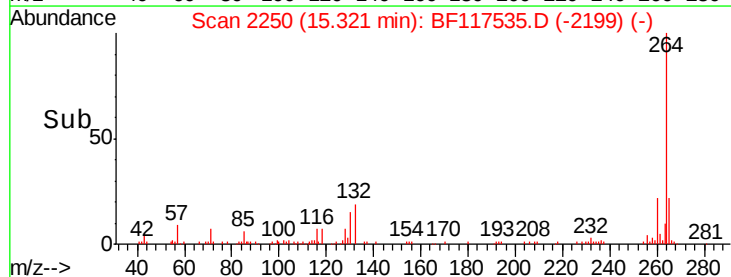
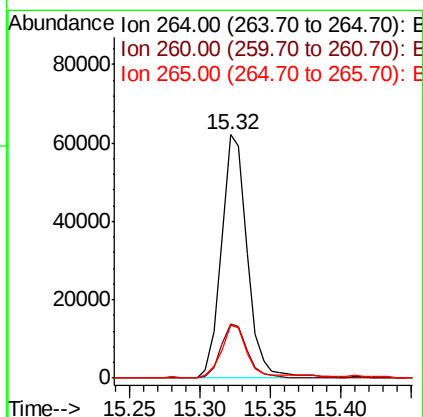
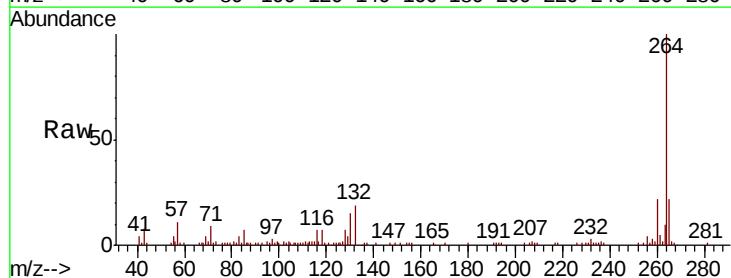
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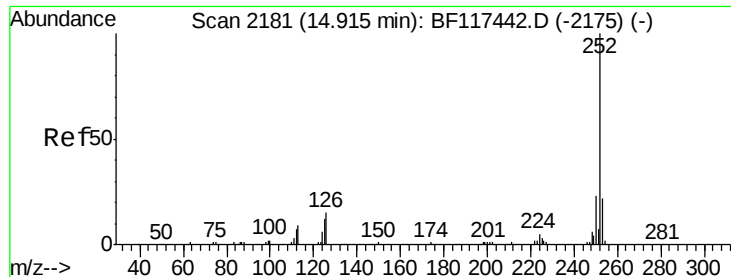
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	22.0	16.1	24.1





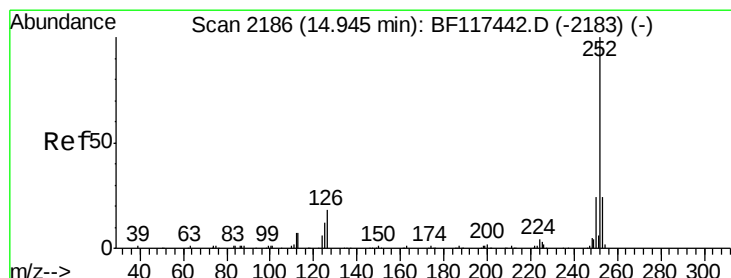
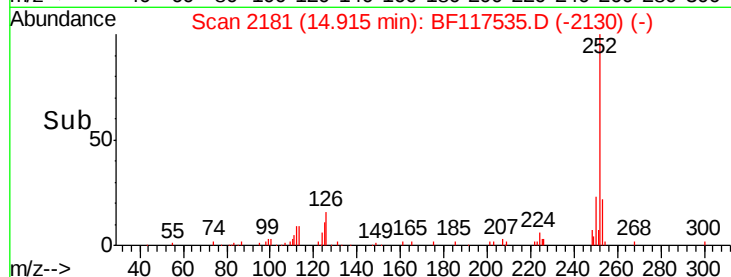
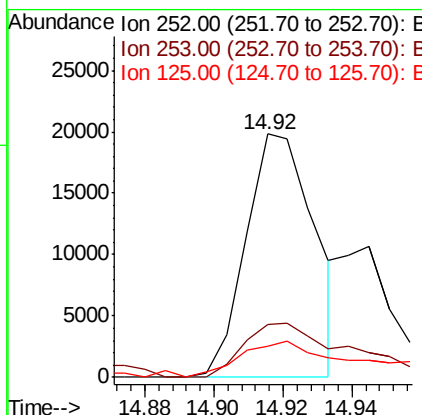
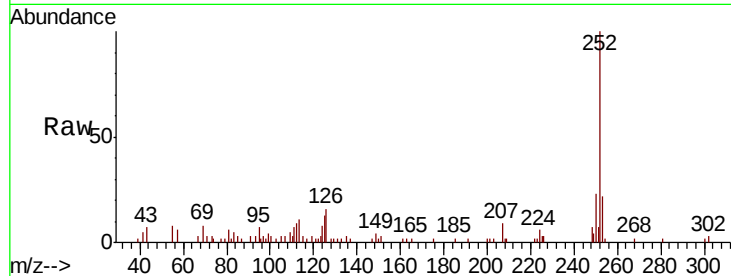
#88
Benzo(b)fluoranthene
Concen: 5.920 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion:	252	Resp:	27680
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.6
125	12.9	9.9	14.9

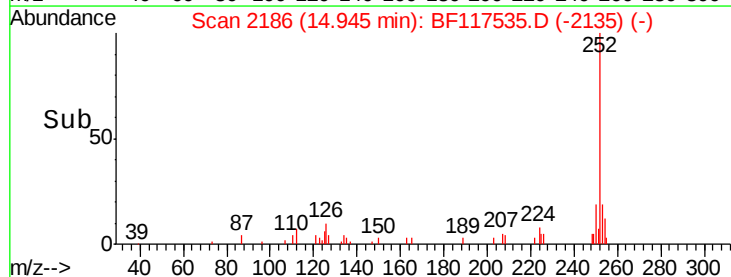
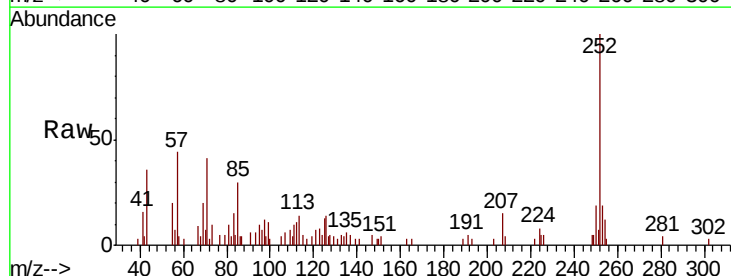
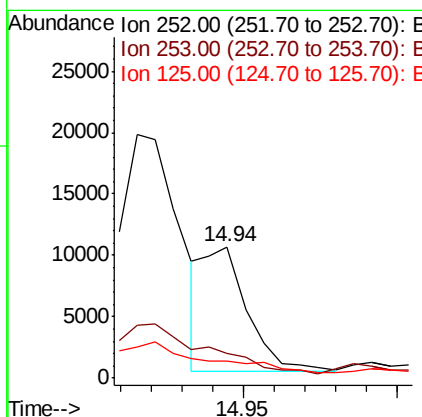
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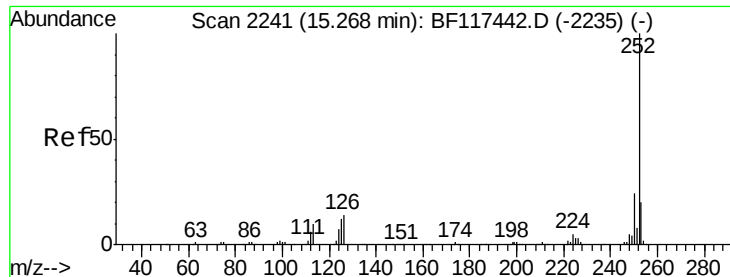
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#89
Benzo(k)fluoranthene
Concen: 2.078 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Tgt Ion:	252	Resp:	9960
Ion Ratio	Lower	Upper	
252	100		
253	19.3	18.0	27.0
125	13.3	8.9	13.3#





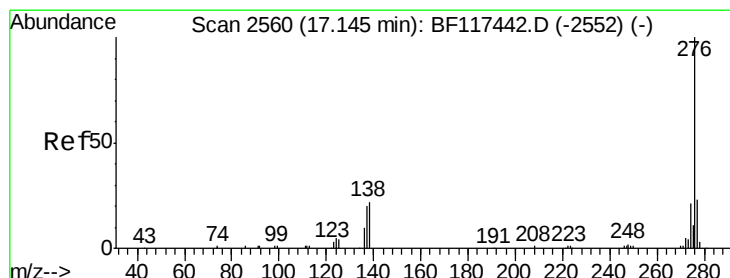
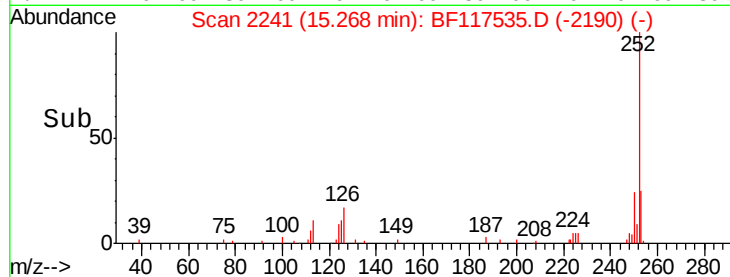
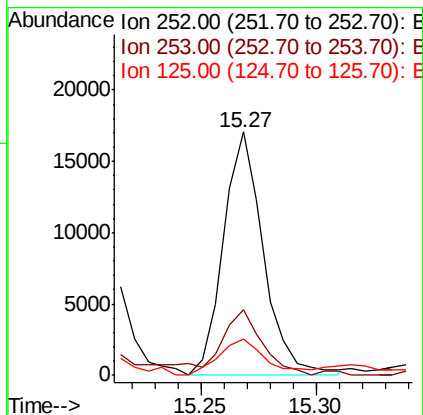
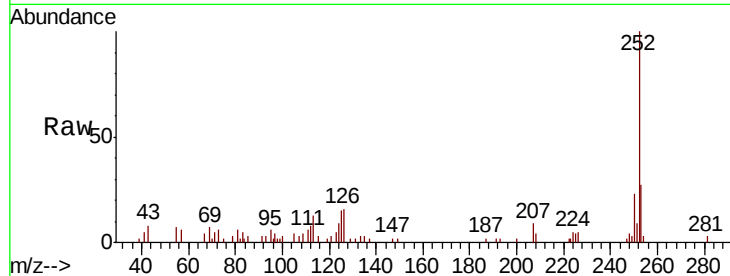
#90
Benzo(a)pyrene
Concen: 4.839 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Instrument :
BNA_F
ClientSampleId :
178-02-(0-2.3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	16.3	24.5#
125	14.8	9.2	13.8#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.874 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.02 min
Lab File: BF117535.D
Acq: 25 Oct 2019 14:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.4	27.6
138	30.3	17.8	26.6#

