

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117546.D
 Acq On : 25 Oct 2019 19:47
 Operator : JU
 Sample : K5499-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 702-27-(0-1)

Manual Integrations
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 10/29/2019 3:33:41 PM

Quant Time: Oct 26 03:08:10 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	35857	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	135218	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	60655	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	85318	20.00	ng	0.00
76) Chrysene-d12	13.90	240	67844	20.00	ng	0.00
87) Perylene-d12	15.34	264	52568	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	207455	86.07	ng	0.00
7) Phenol-d6	6.39	99	276825	85.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	159646	58.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	38475	73.31	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	258689	60.09	ng	0.00
79) Terphenyl-d14	12.83	244	195092	46.90	ng	0.00
Target Compounds						
10) Phenol	6.40	94	6771	2.049	ng	87
50) Dimethylphthalate	9.48	163	38146	8.822	ng	100
71) Phenanthrene	11.27	178	31327	6.323	ng	98
75) Fluoranthene	12.47	202	78725	15.874	ng	97
78) Pyrene	12.69	202	72930	12.515	ng	98
81) Benzo(a)anthracene	13.89	228	34902	7.627	ng	98
83) Chrysene	13.92	228	32386	7.221	ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	12838	3.160	ng	91
86) Indeno(1,2,3-cd)pyrene	16.76	276	12480	3.727	ng	94
88) Benzo(b)fluoranthene	14.93	252	35066m	11.296	ng	
89) Benzo(k)fluoranthene	14.95	252	8386m	2.636	ng	
90) Benzo(a)pyrene	15.28	252	19844	7.031	ng	# 79
92) Benzo(a,h,i)perylene	17.19	276	12066	5.225	ng	# 70

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

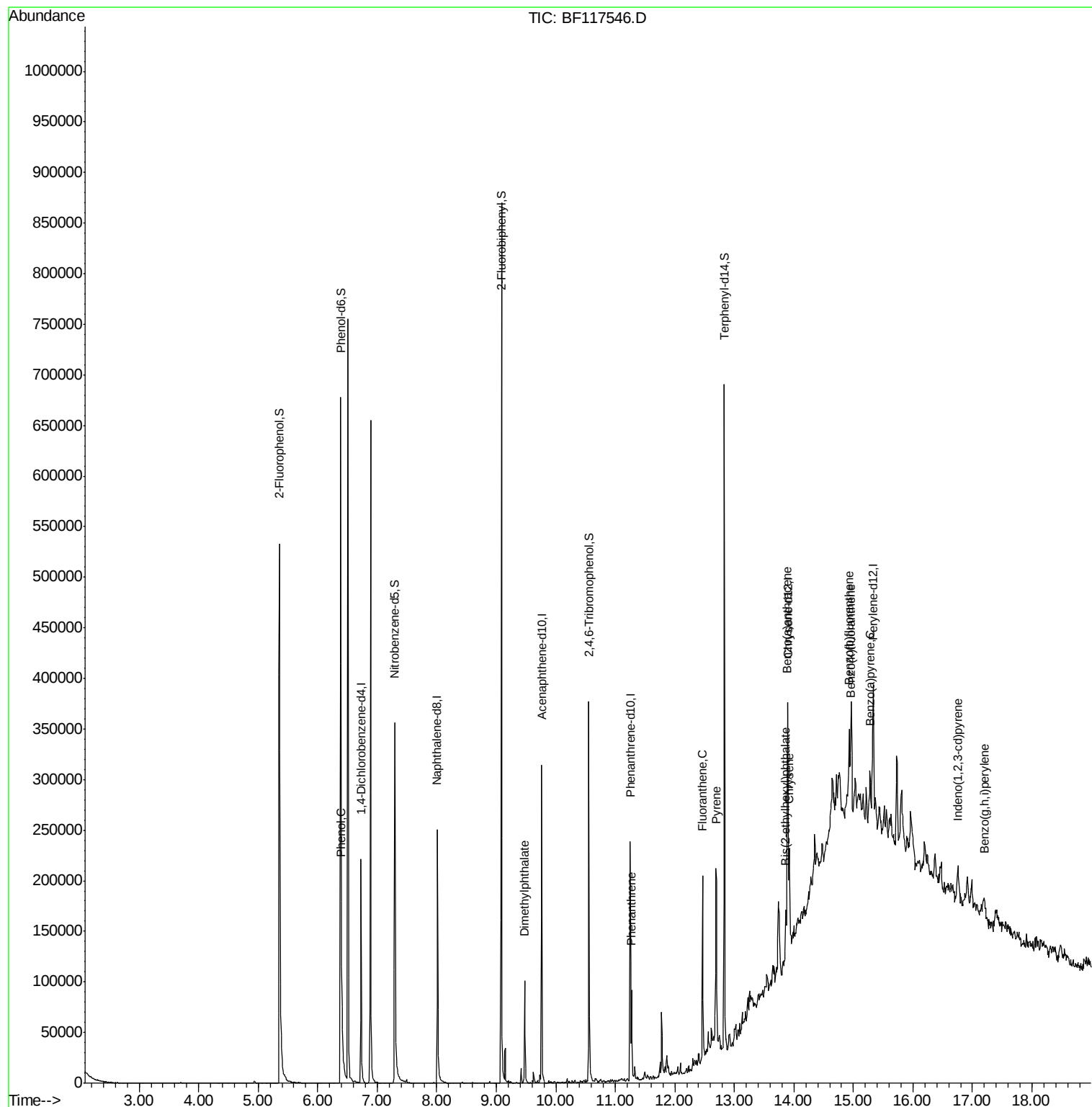
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117546.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

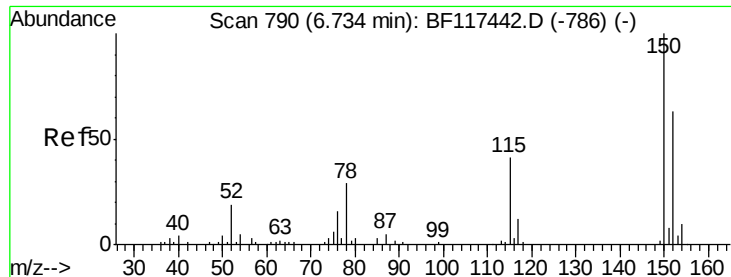
Instrument :
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#1

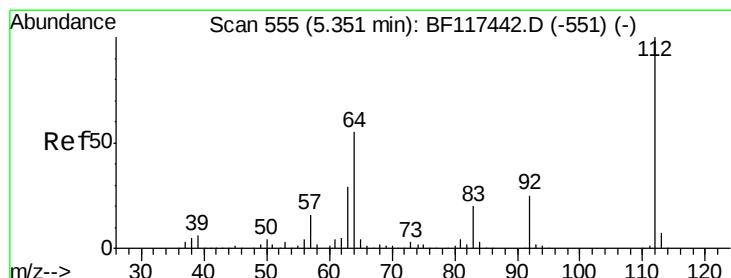
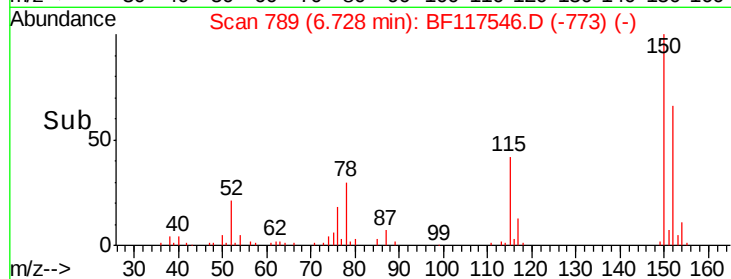
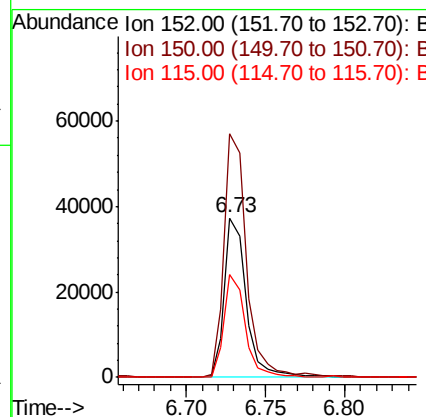
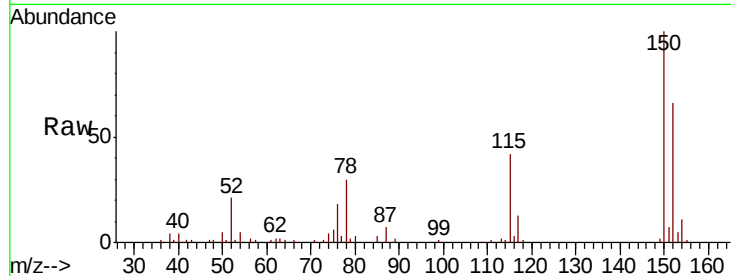
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.8	190.2
115	64.4	51.6	77.4

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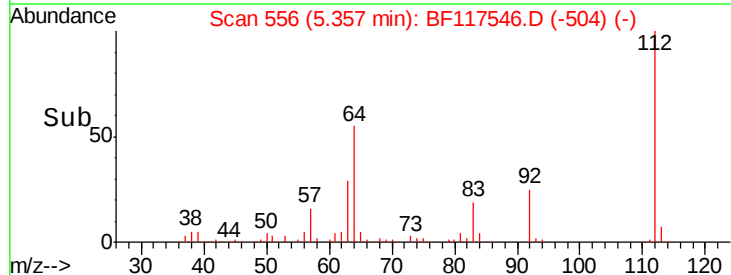
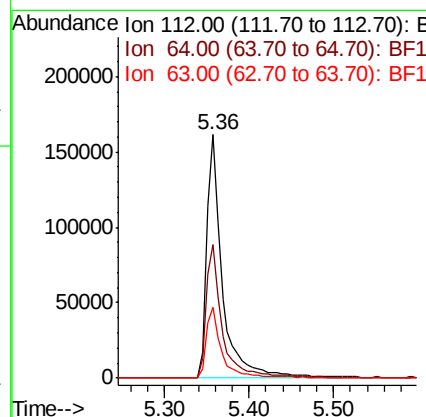
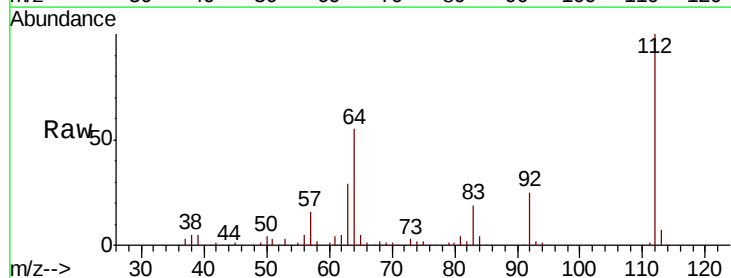
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#5

2-Fluorophenol
Concen: 86.073 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.1	66.1
63	29.0	23.4	35.2





#7

Phenol-d6

Concen: 85.514 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Instrument :

BNA_F

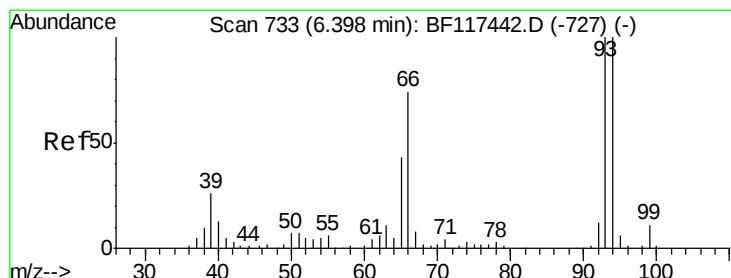
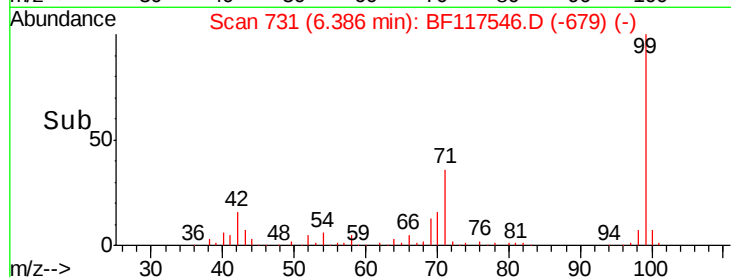
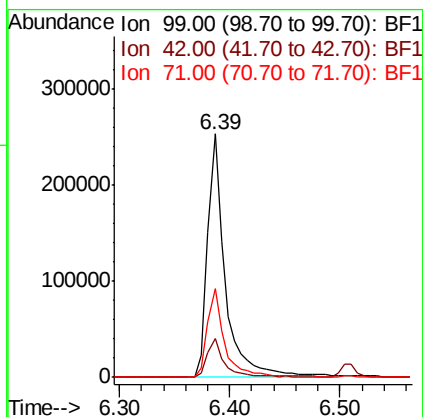
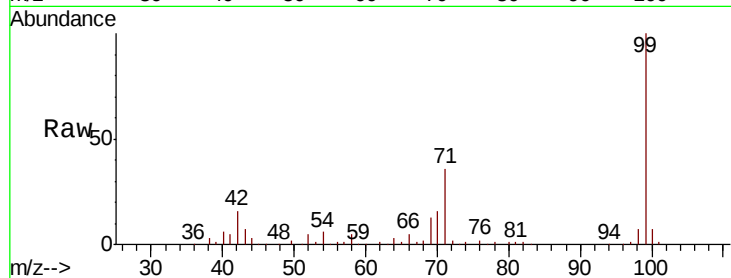
ClientSampleId :

702-27-(0-1)

Tot Ion:	99	Resp:	276825
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	36.3	28.6	43.0

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#10

Phenol

Concen: 2.049 ng

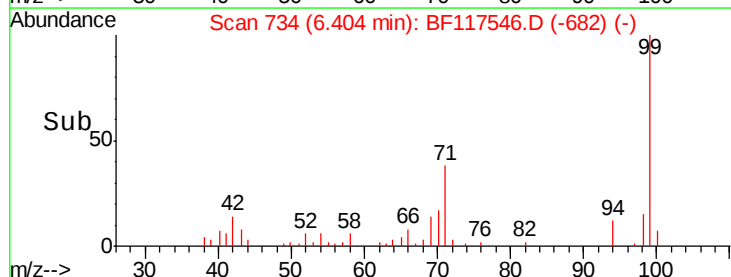
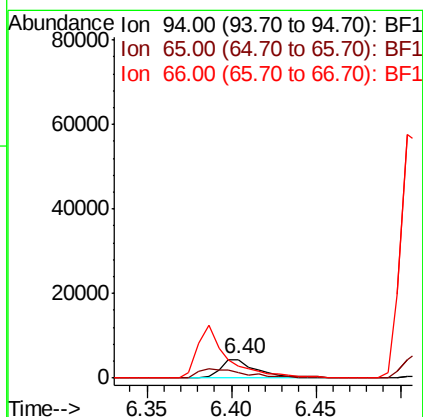
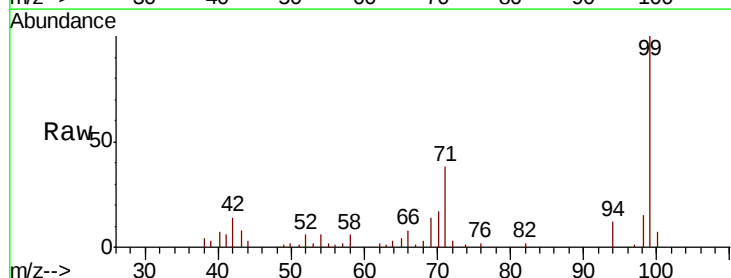
RT: 6.40 min Scan# 734

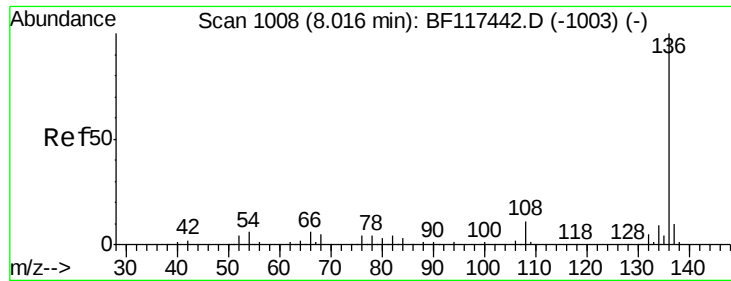
Delta R.T. 0.01 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Tgt Ion:	94	Resp:	6771
Ion	Ratio	Lower	Upper
94	100		
65	31.8	23.4	63.4
66	65.6	54.7	94.7





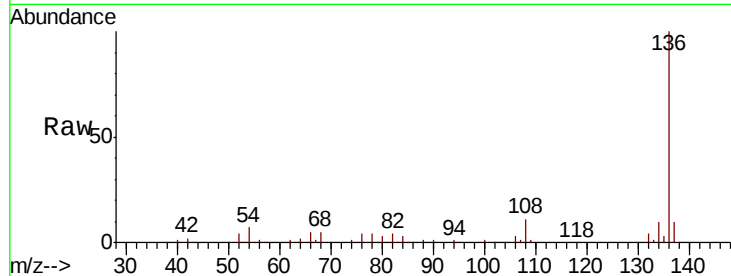
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

Instrument :
BNA_F
ClientSampleId :
702-27-(0-1)

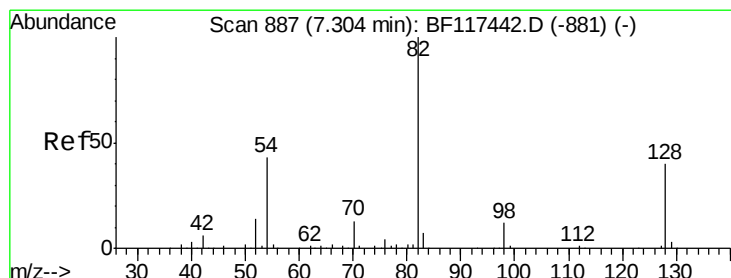
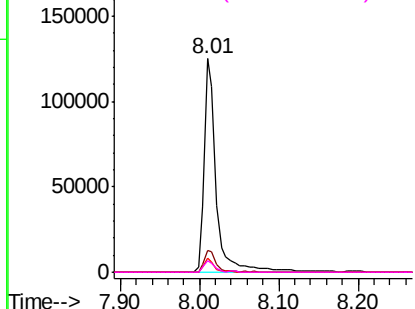
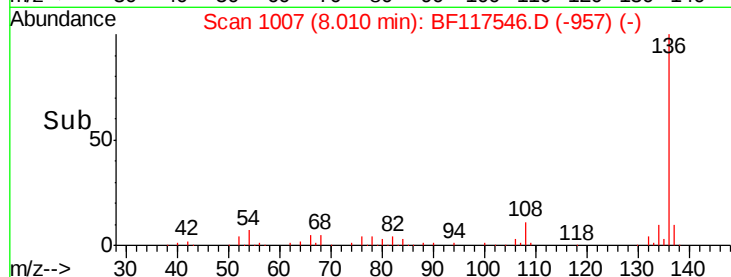
Tot Ion	Ratio	Resp	Lower	Upper
136	100	135218		
137	10.2		8.2	12.4
54	6.6		4.5	6.7
68	5.2		4.3	6.5

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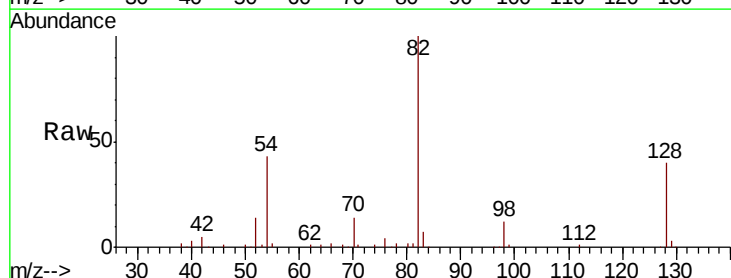


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

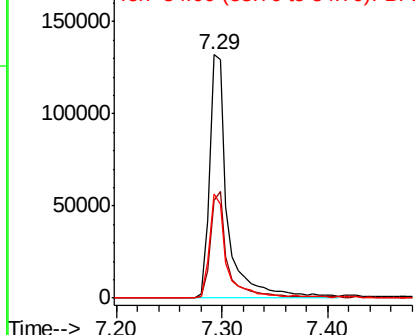
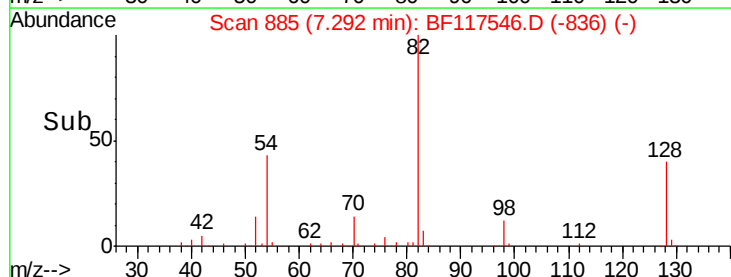


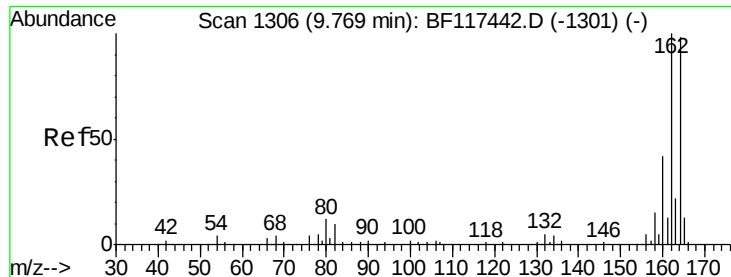
#23
Nitrobenzene-d5
Concen: 58.286 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	159646		
128	40.3		32.2	48.2
54	43.0		34.2	51.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Instrument :

BNA_F

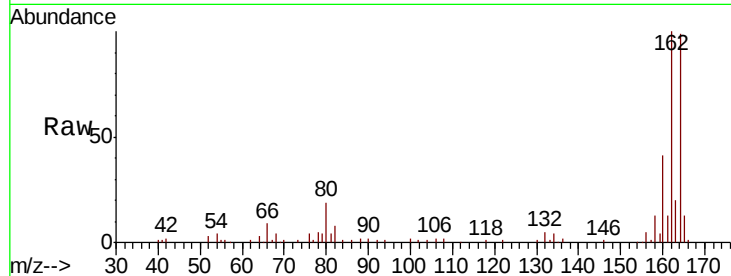
ClientSampleId :

702-27-(0-1)

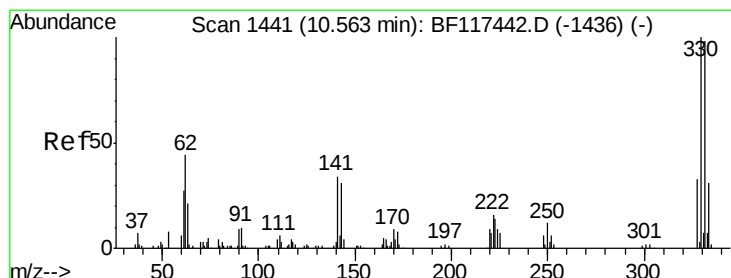
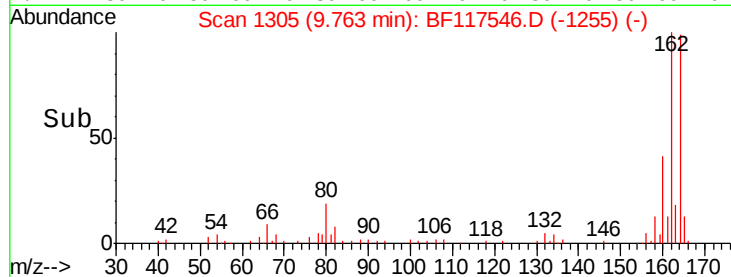
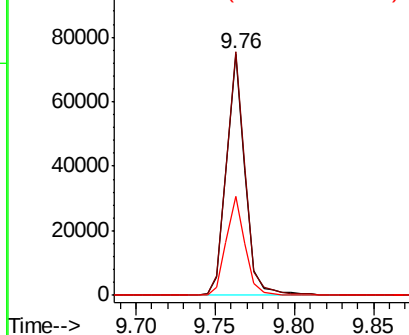
Tot Ion:	164	Resp:	60655
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.8	122.6
160	41.0	34.4	51.6

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 73.311 ng

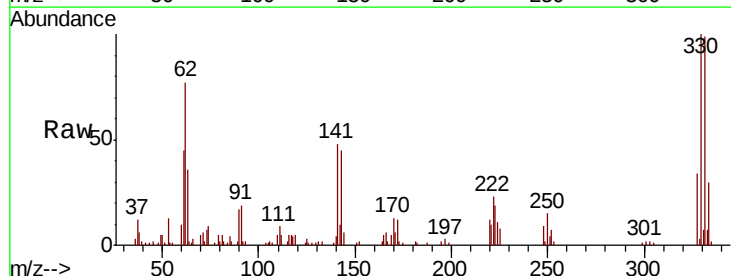
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

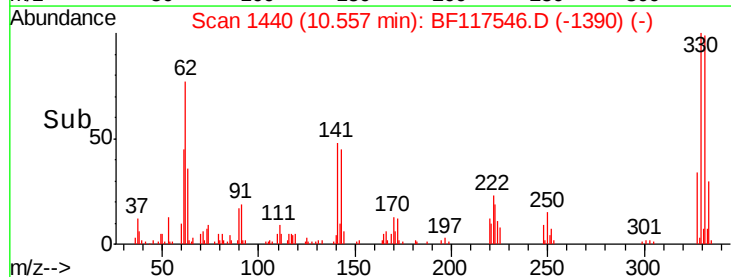
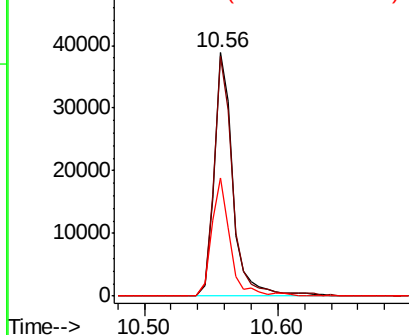
Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Tgt Ion:	330	Resp:	38475
Ion Ratio	Lower	Upper	
330	100		
332	99.1	78.5	117.7
141	47.3	37.0	55.6



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





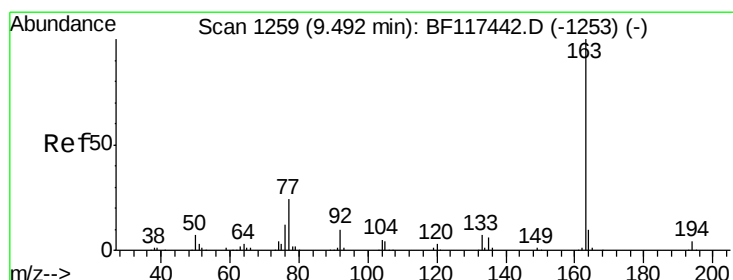
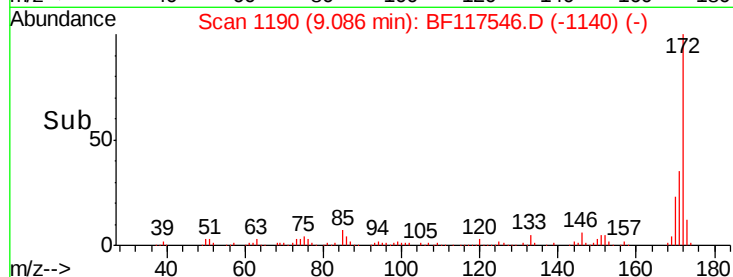
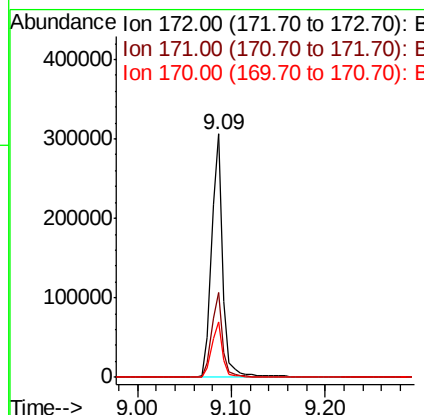
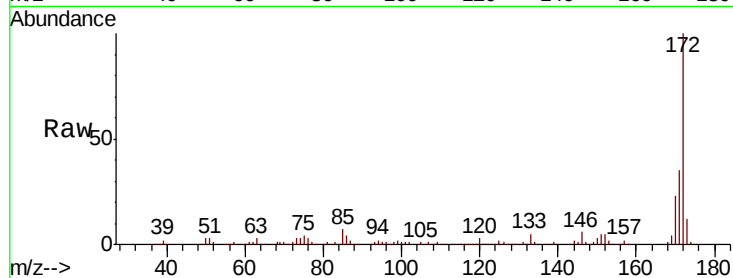
#45
2-Fluorobiphenyl
Concen: 60.092 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

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BNA_F
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	258689		
171	34.6		27.5	41.3
170	23.0		18.6	27.8

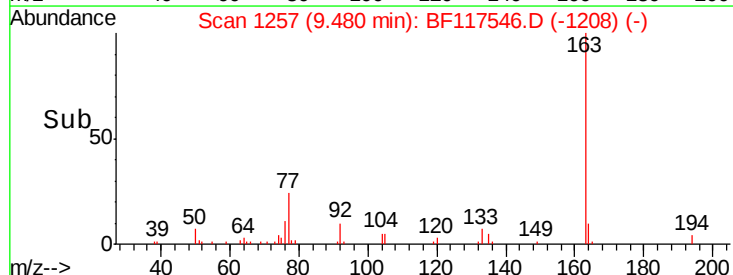
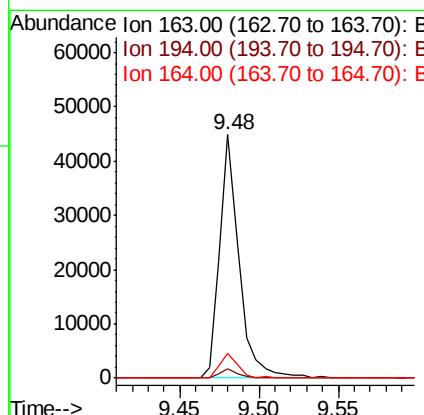
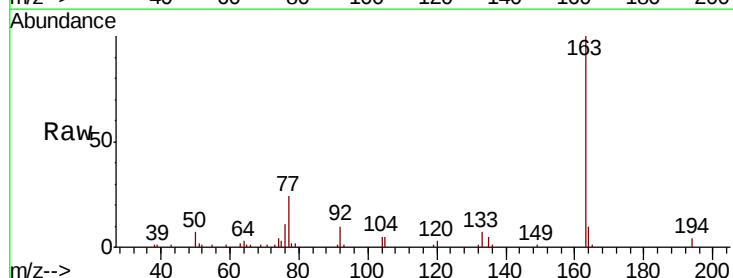
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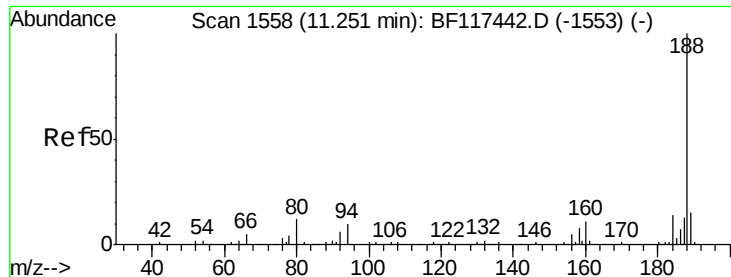
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#50
Dimethylphthalate
Concen: 8.822 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	38146		
194	4.1		2.9	4.3
164	10.3		8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Instrument :

BNA_F

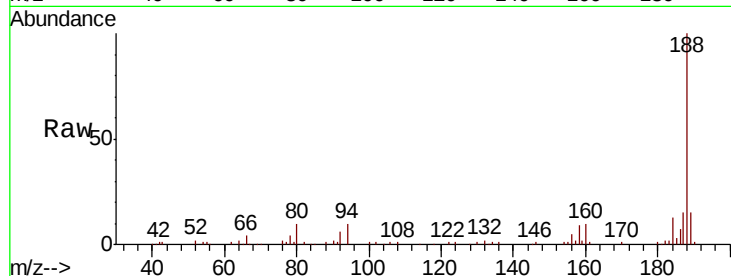
ClientSampleId :

702-27-(0-1)

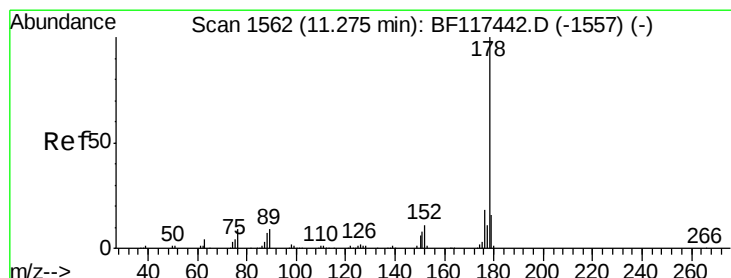
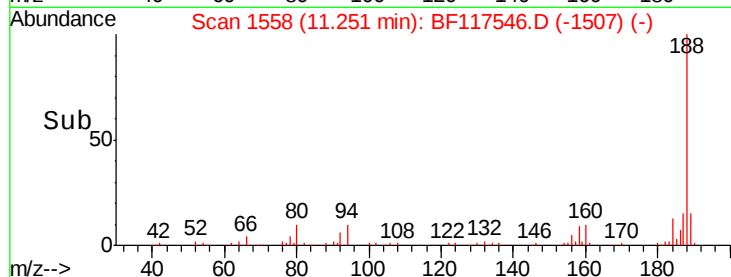
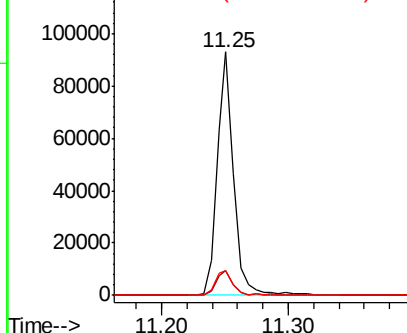
Tot Ion:	188	Resp:	85318
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.0	12.0
80	10.4	9.5	14.3

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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: 6.323 ng

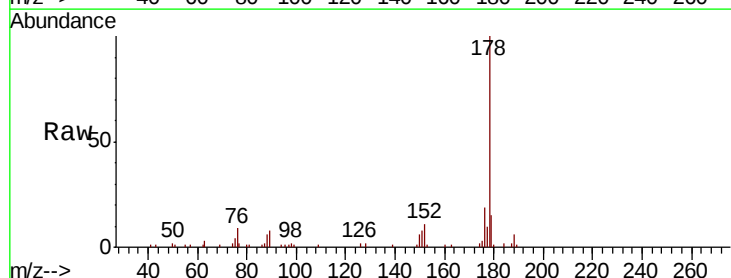
RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

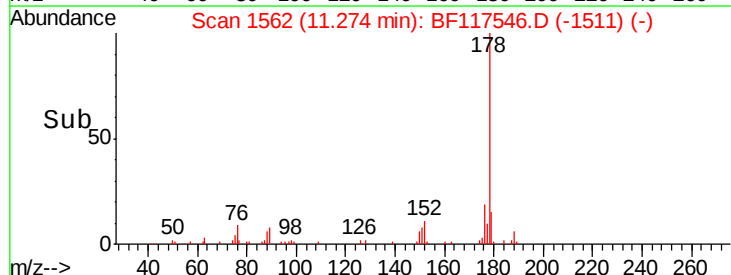
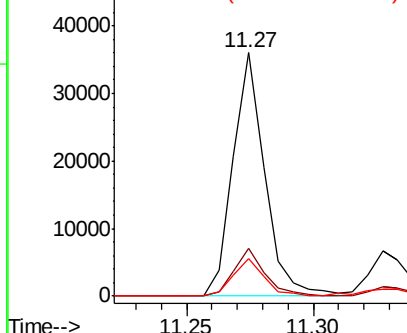
Lab File: BF117546.D

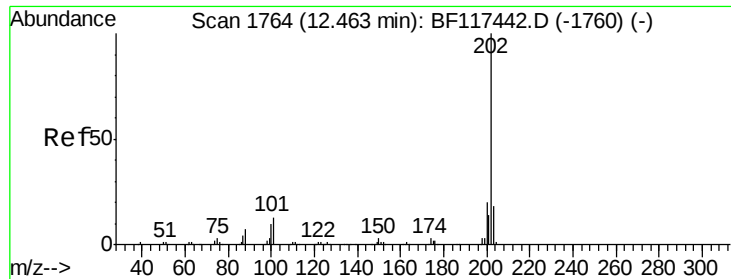
Acq: 25 Oct 2019 19:47

Tgt Ion:	178	Resp:	31327
Ion Ratio	Lower	Upper	
178	100		
176	19.4	14.6	22.0
179	15.3	12.6	19.0



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: 15.874 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Instrument :

BNA_F

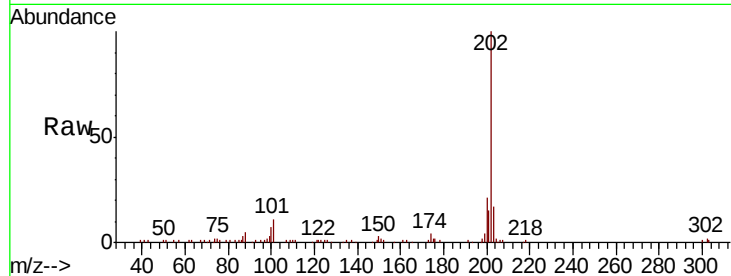
ClientSampleId :

702-27-(0-1)

Tot Ion:	202	Resp:	78725
Ion Ratio		Lower	Upper
202	100		
101	11.2	0.0	32.7
203	16.8	0.0	37.6

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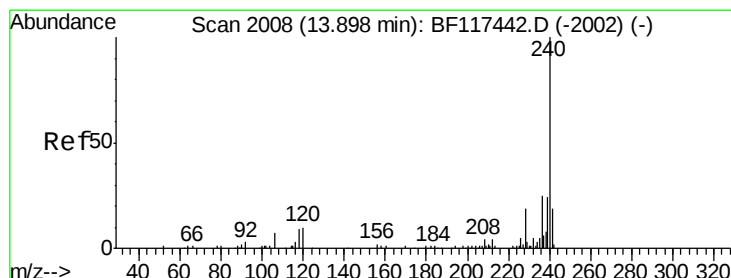
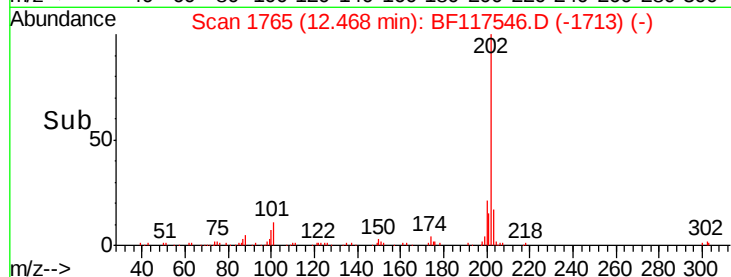
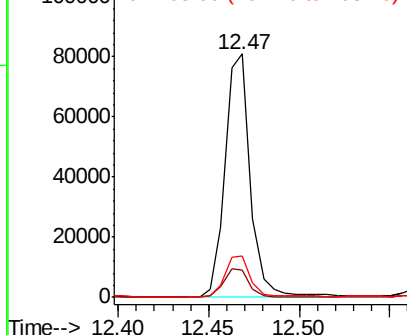


Abundance

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

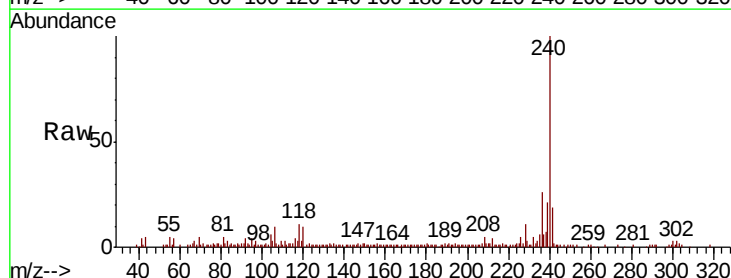
RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Tgt Ion:	240	Resp:	67844
Ion Ratio		Lower	Upper
240	100		
120	10.1	8.4	12.6
236	26.2	20.0	30.0

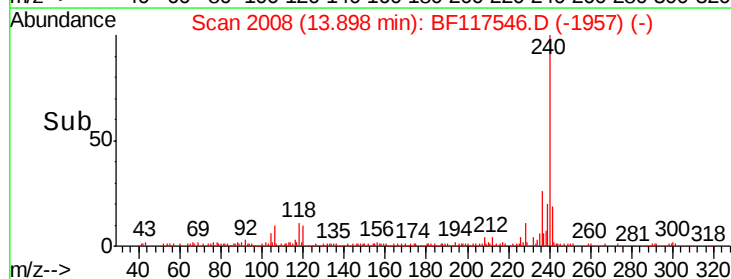
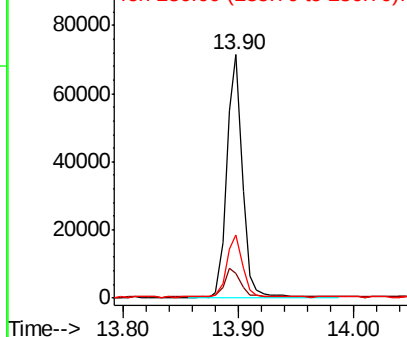


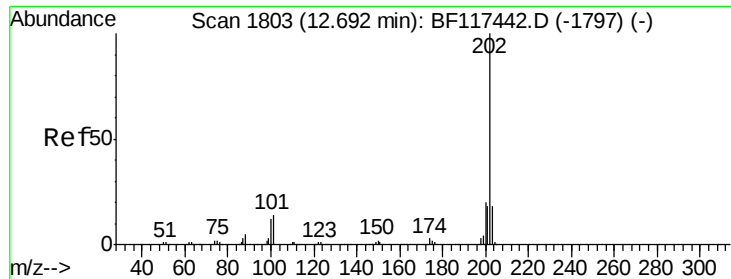
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





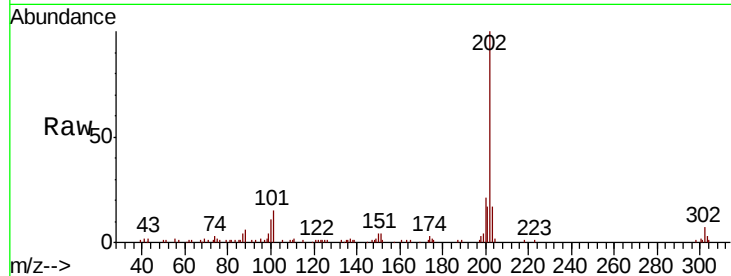
#78
Pvrene
Concen: 12.515 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

Instrument :
BNA_F
ClientSampleId :
702-27-(0-1)

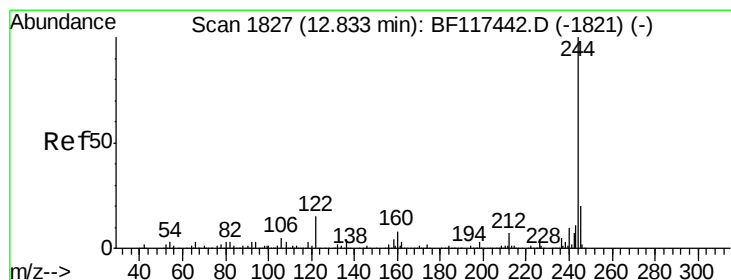
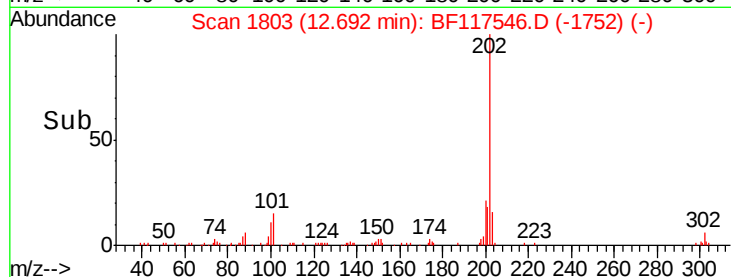
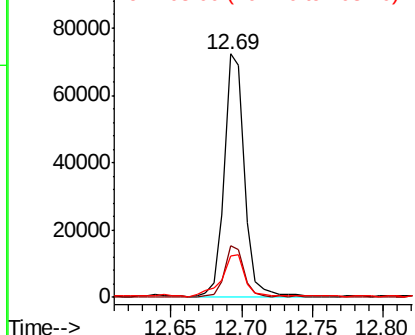
Tot Ion:	202	Resp:	72930
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.2	24.2
203	16.8	14.0	21.0

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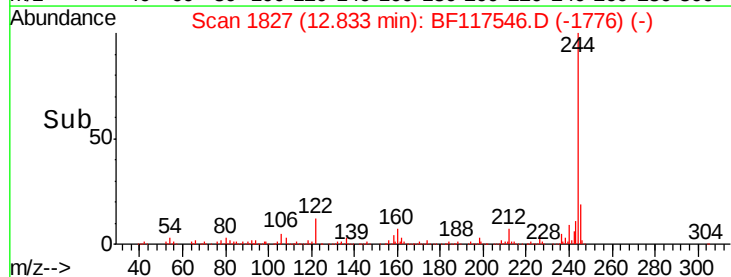
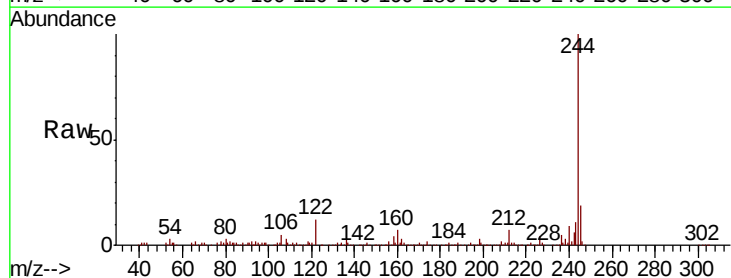
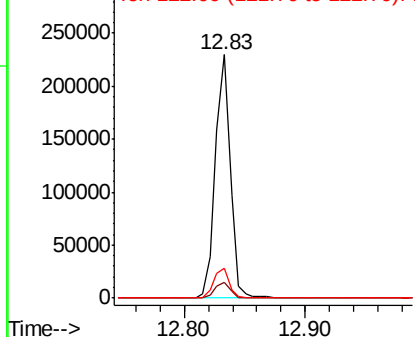
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

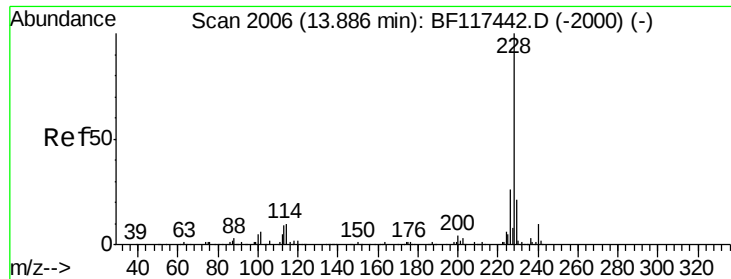


#79
Terphenyl-d14
Concen: 46.904 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

Tgt Ion:	244	Resp:	195092
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.6
122	12.3	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: 7.627 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Instrument :

BNA_F

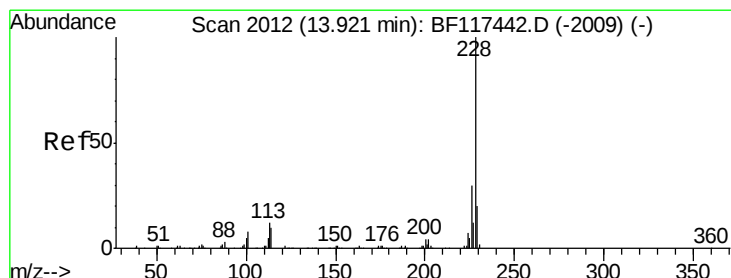
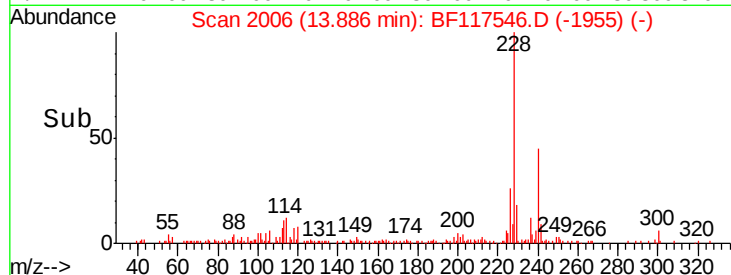
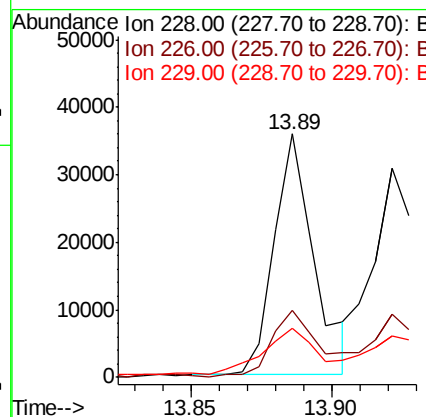
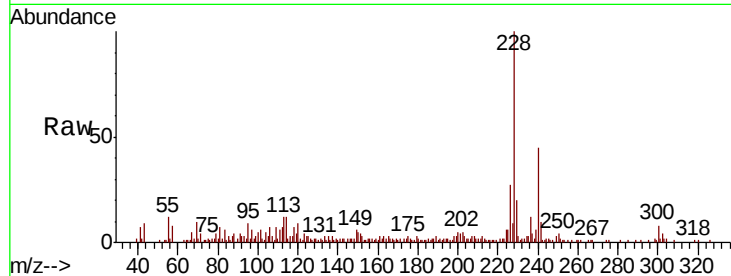
ClientSampleId :

702-27-(0-1)

Tot Ion:	228	Resp:	34902
Ion Ratio		Lower	Upper
228	100		
226	27.3	21.0	31.4
229	19.9	16.4	24.6

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#83

Chrysene

Concen: 7.221 ng

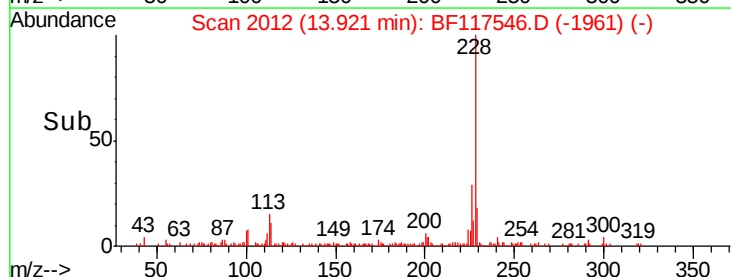
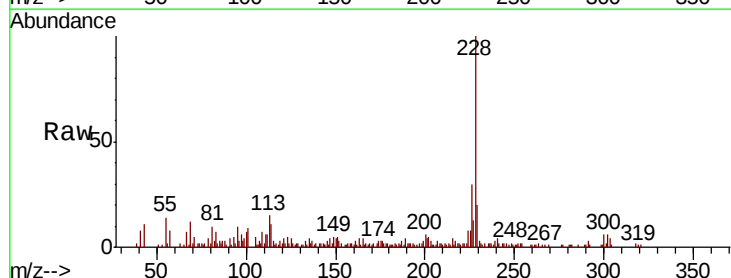
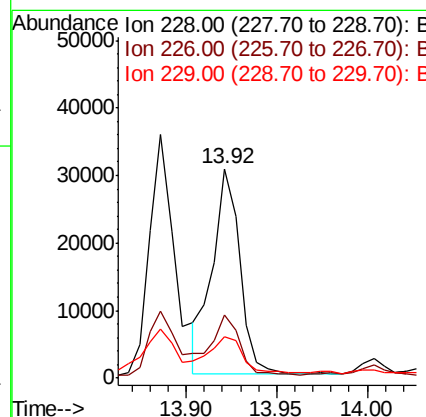
RT: 13.92 min Scan# 2012

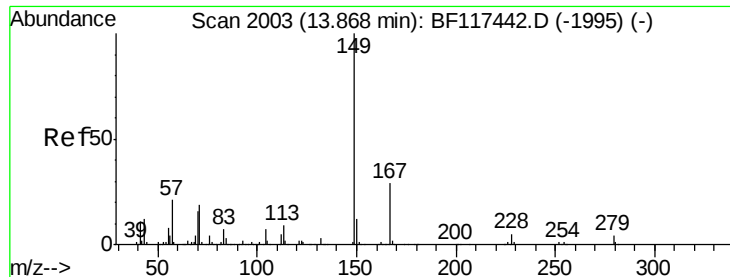
Delta R.T. -0.00 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Tgt Ion:	228	Resp:	32386
Ion Ratio		Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.8	15.8	23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.160 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Instrument :

BNA_F

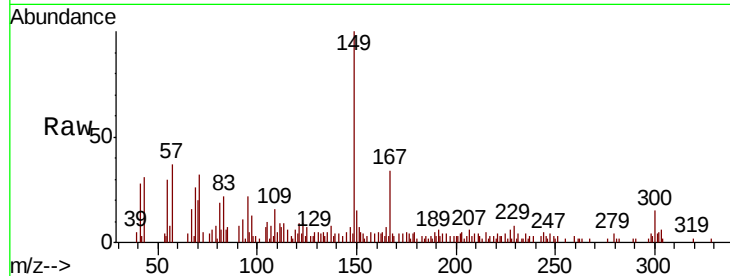
ClientSampleId :

702-27-(0-1)

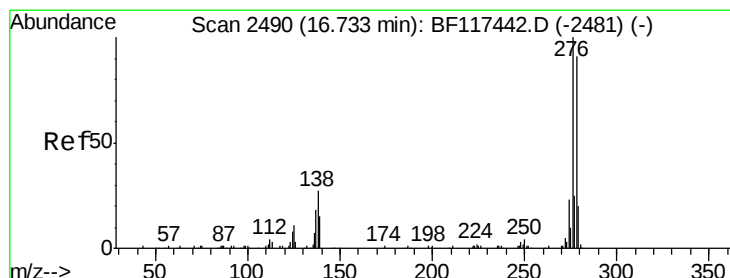
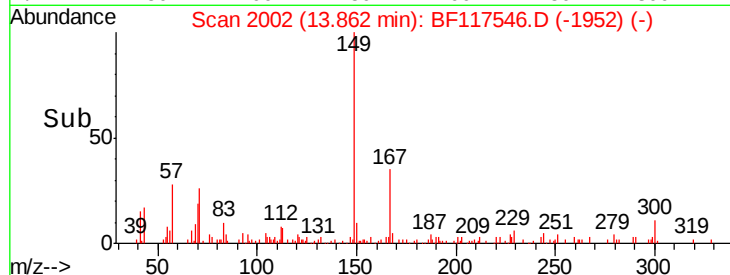
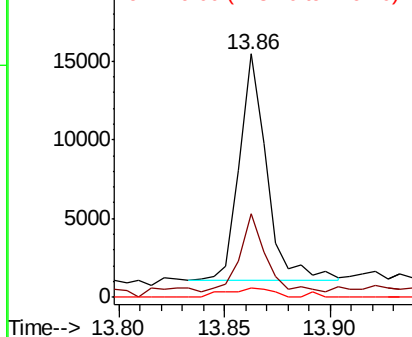
Tot Ion:	149	Resp:	12838
Ion Ratio	Lower	Upper	
149	100		
167	34.4	23.3	34.9
279	3.9	3.2	4.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 3.727 ng

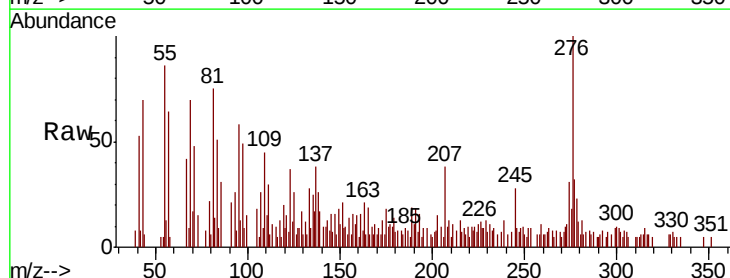
RT: 16.76 min Scan# 2495

Delta R.T. 0.03 min

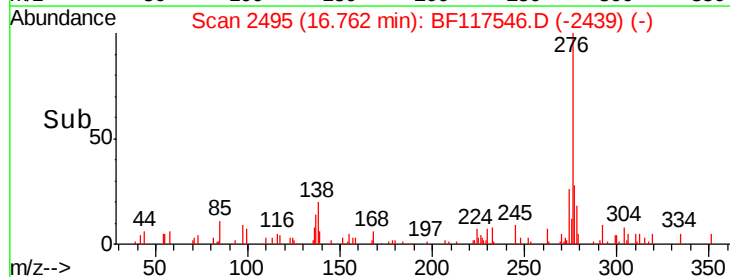
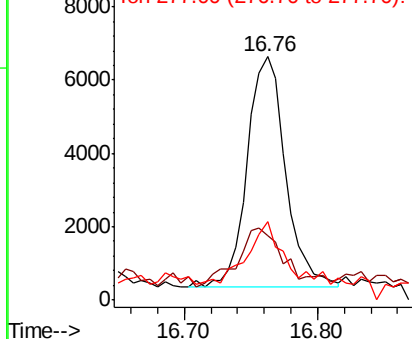
Lab File: BF117546.D

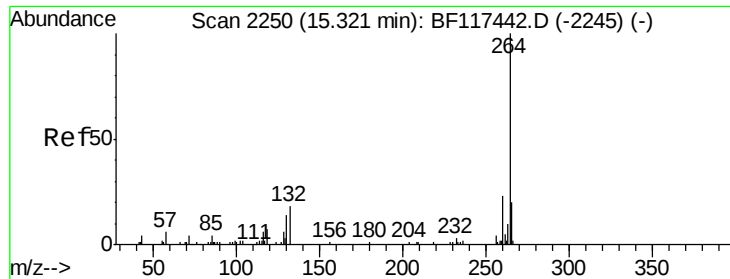
Acq: 25 Oct 2019 19:47

Tgt Ion:	276	Resp:	12480
Ion Ratio	Lower	Upper	
276	100		
138	32.0	21.8	32.8
277	25.9	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.02 min

Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Instrument :

BNA_F

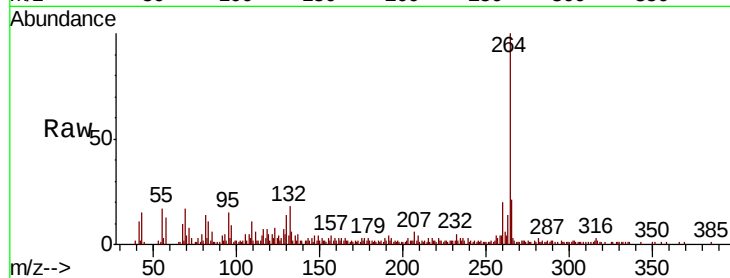
ClientSampleId :

702-27-(0-1)

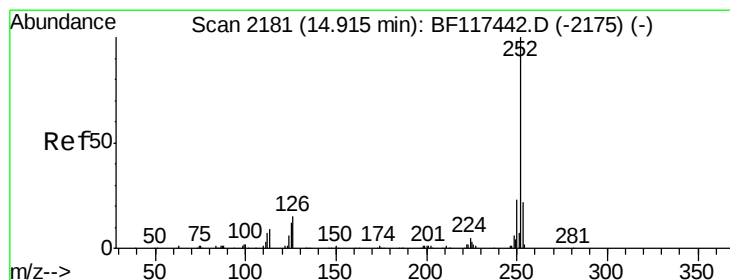
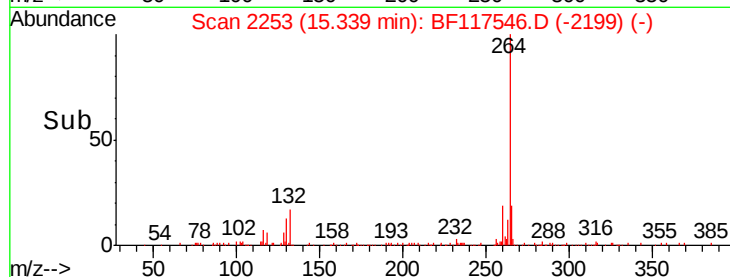
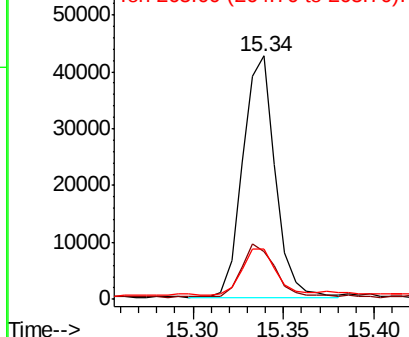
Tot Ion:	264	Resp:	52568
Ion Ratio	Lower	Upper	
264	100		
260	19.5	18.4	27.6
265	20.5	16.1	24.1

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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: 11.296 ng m

RT: 14.93 min Scan# 2183

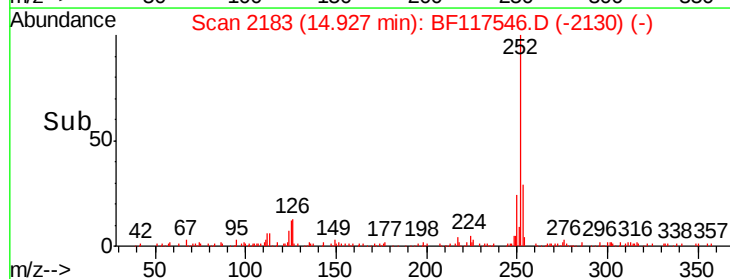
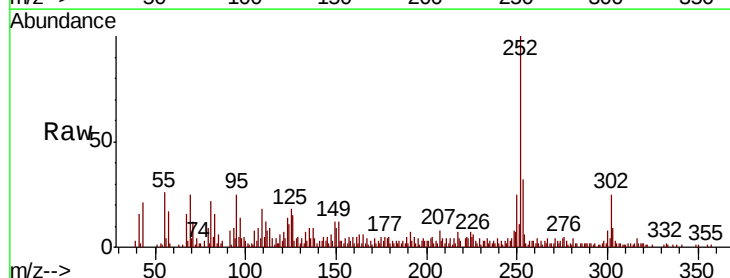
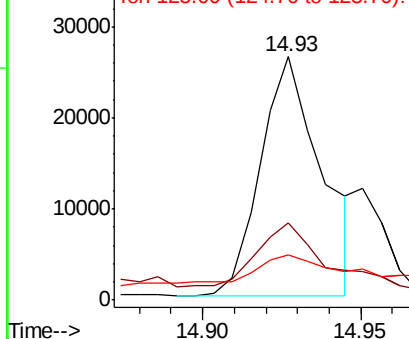
Delta R.T. 0.01 min

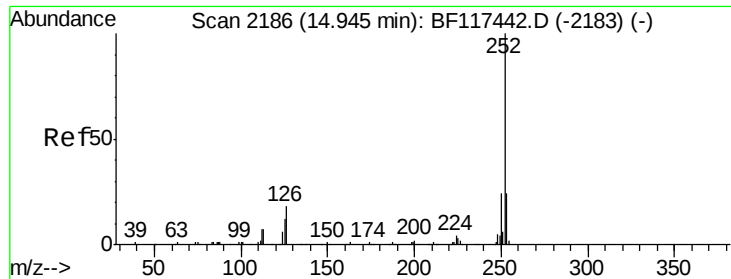
Lab File: BF117546.D

Acq: 25 Oct 2019 19:47

Tgt Ion:	252	Resp:	35066
Ion Ratio	Lower	Upper	
252	100		
253	31.8	17.8	26.6#
125	18.4	9.9	14.9#

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





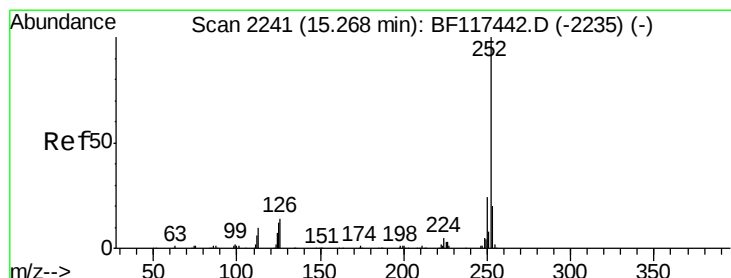
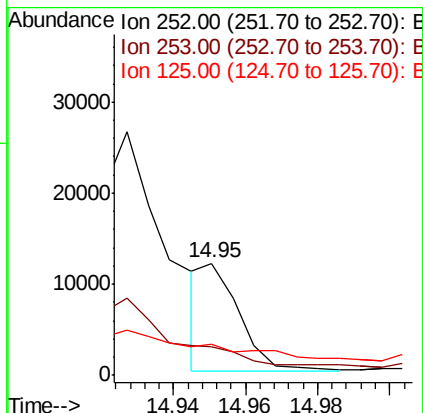
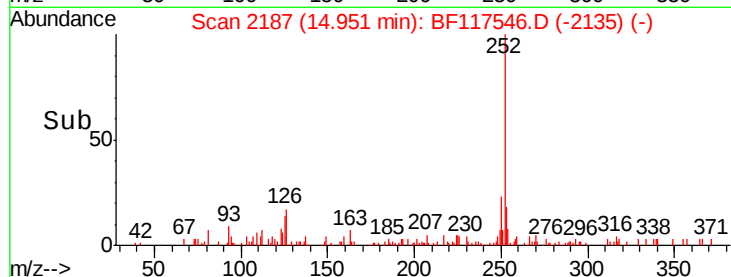
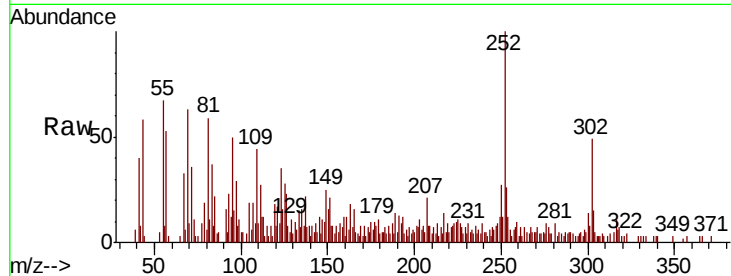
#89
Benzo(k)fluoranthene
Concen: 2.636 ng m
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.0	27.0
125	28.1	8.9	13.3

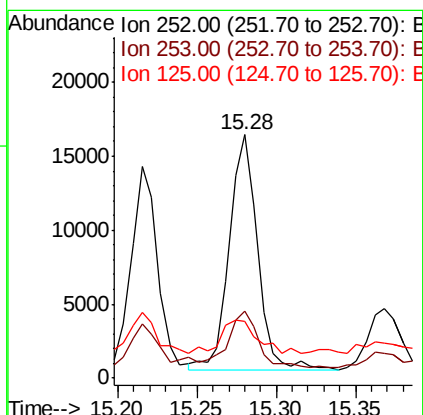
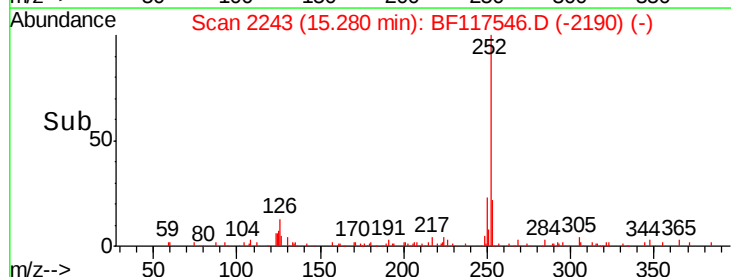
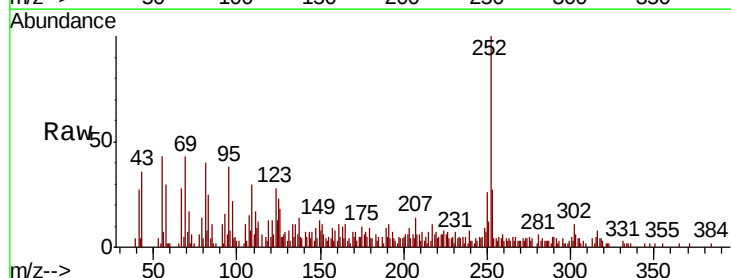
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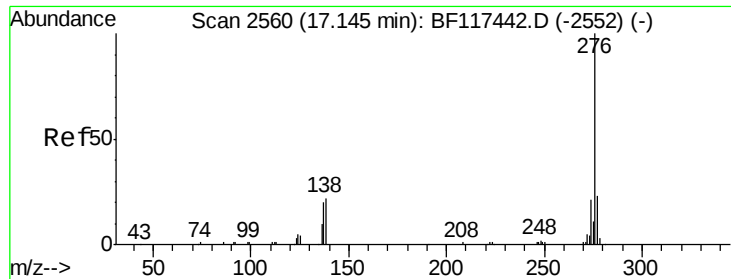
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#90
Benzo(a)pyrene
Concen: 7.031 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117546.D
Acq: 25 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	16.3	24.5
125	23.2	9.2	13.8





#92
 Benzo(a,h,i)perylene
 Concen: 5.225 ng
 RT: 17.19 min Scan# 2568
 Delta R.T. 0.05 min
 Lab File: BF117546.D
 Acq: 25 Oct 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :
 702-27-(0-1)

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.0	18.4	27.6#
138	43.5	17.8	26.6#

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