

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117574.D
 Acq On : 28 Oct 2019 20:58
 Operator : JU
 Sample : K5563-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ESW

Manual Integrations
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mohammad
 10/30/2019 4:51:37 PM

Quant Time: Oct 29 17:58:37 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	6.72	152	45166	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	191013	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	93860	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	131688	20.00	ng	0.00
76) Chrysene-d12	13.89	240	87450	20.00	ng	0.00
87) Perylene-d12	15.33	264	86039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	240606	79.25	ng	0.00
7) Phenol-d6	6.38	99	315540	77.38	ng	0.00
23) Nitrobenzene-d5	7.29	82	207489	53.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	57157	70.38	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	289786	43.50	ng	-0.01
79) Terphenyl-d14	12.83	244	209049	38.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	43796	6.545	ng	Qvalue # 98
71) Phenanthrene	11.27	178	75872	9.922	ng	99
72) Anthracene	11.33	178	17647	2.249	ng	98
75) Fluoranthene	12.46	202	109256	14.273	ng	97
78) Pyrene	12.69	202	97774	13.017	ng	98
81) Benzo(a)anthracene	13.88	228	52752	8.943	ng	97
83) Chrysene	13.92	228	47095	8.146	ng	97
86) Indeno(1,2,3-cd)pyrene	16.74	276	23812	5.517	ng	99
88) Benzo(b)fluoranthene	14.92	252	62314m	12.265	ng	
89) Benzo(k)fluoranthene	14.94	252	21086m	4.049	ng	
90) Benzo(a)pyrene	15.27	252	42761	9.257	ng	# 94
92) Benzo(a,h,i)perylene	17.17	276	22452	5.941	ng	95

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

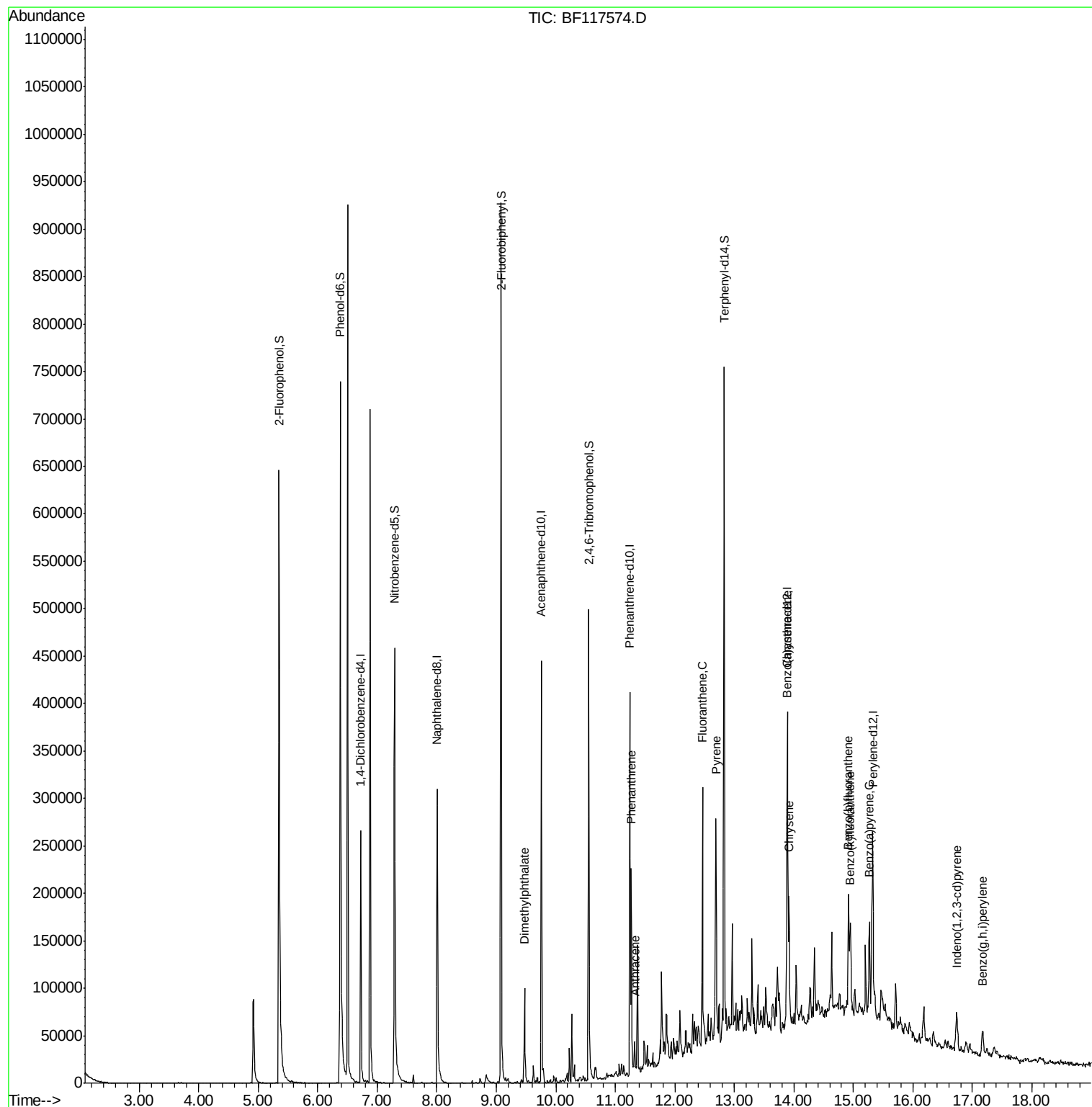
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117574.D
Acq On : 28 Oct 2019 20:58
Operator : JU
Sample : K5563-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

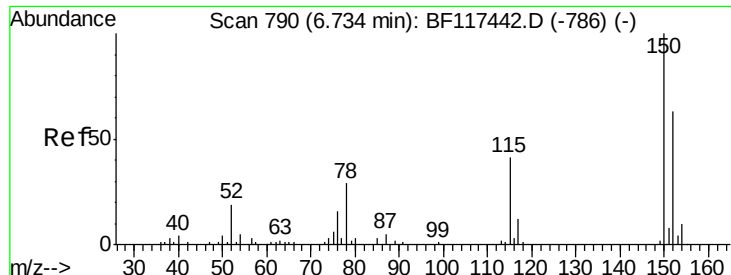
Instrument :
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ClientSampleId :
ESW

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Quant Time: Oct 29 17:58:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

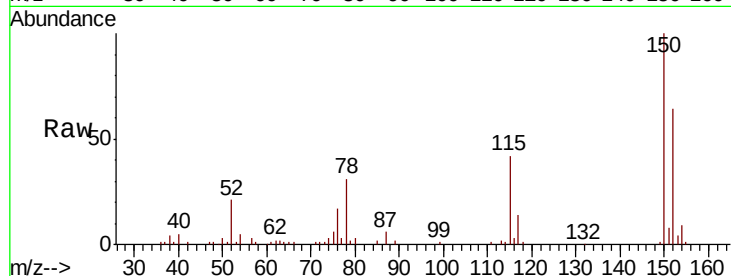
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Instrument :
BNA_F
ClientSampleId :
ESW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.8	190.2
115	65.0	51.6	77.4

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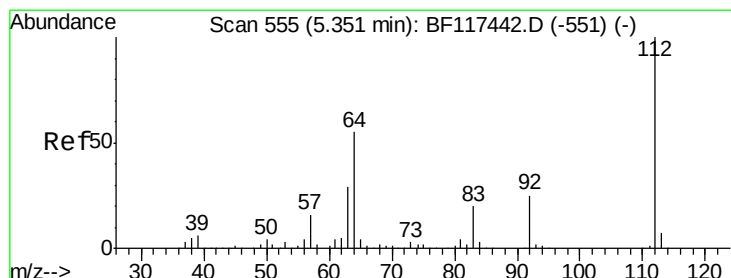
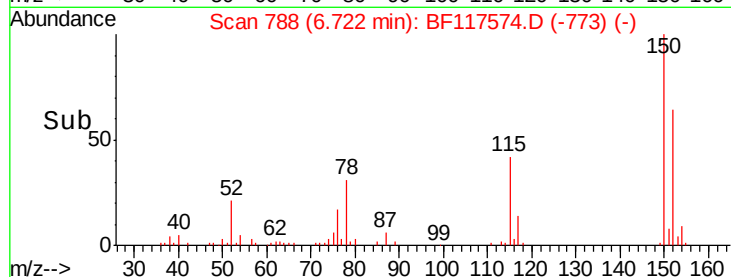
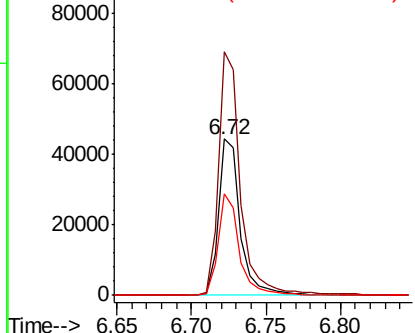


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

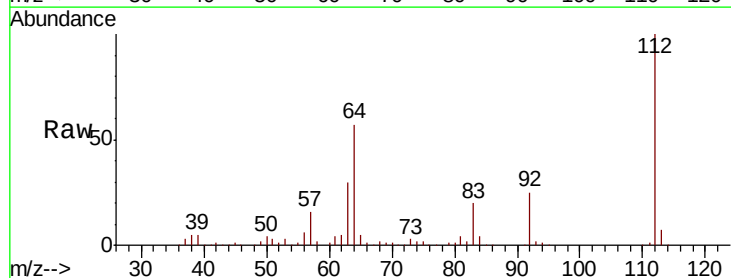
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.252 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.1	66.1
63	29.8	23.4	35.2

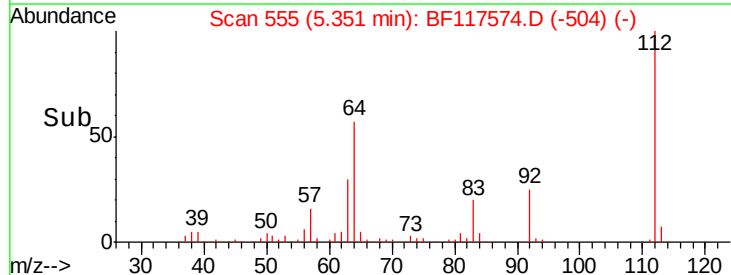
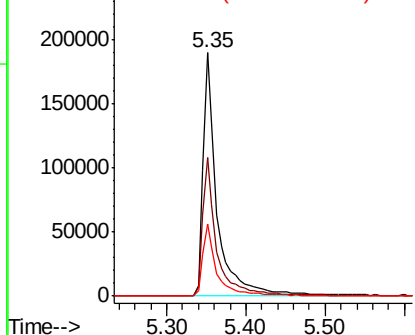


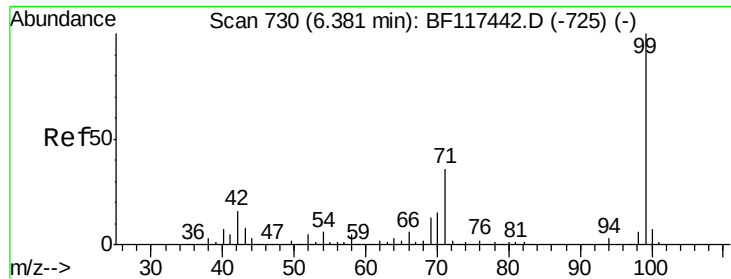
Abundance

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: 77.383 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117574.D

Acq: 28 Oct 2019 20:58

Instrument :

BNA_F

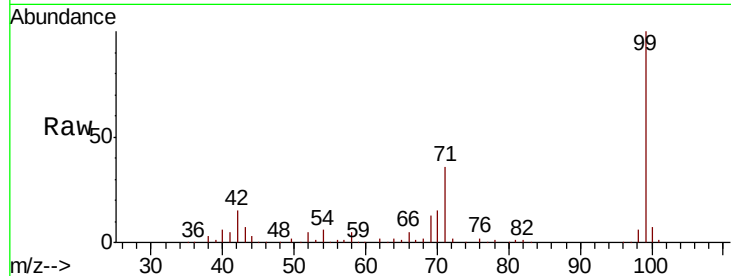
ClientSampled :

ESW

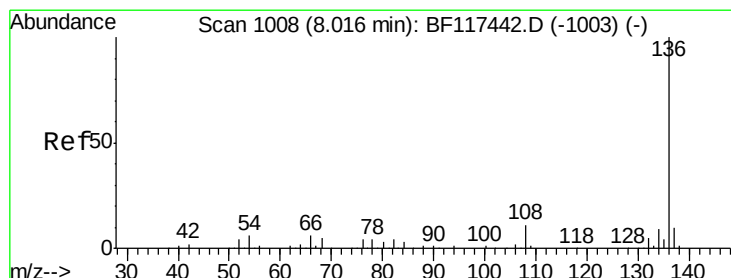
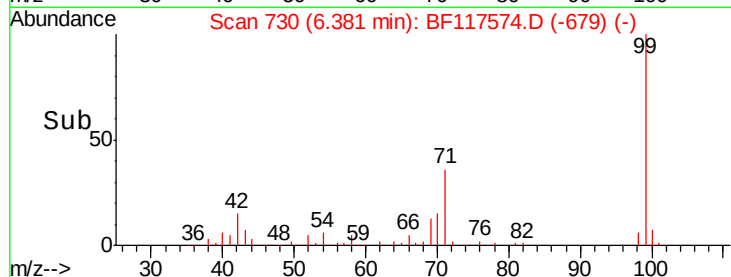
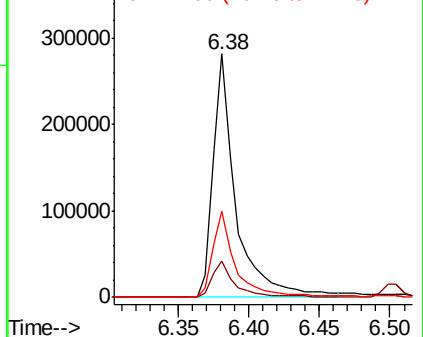
Tot Ion:	99	Resp:	315540
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	35.6	28.6	43.0

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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: 8.00 min Scan# 1006

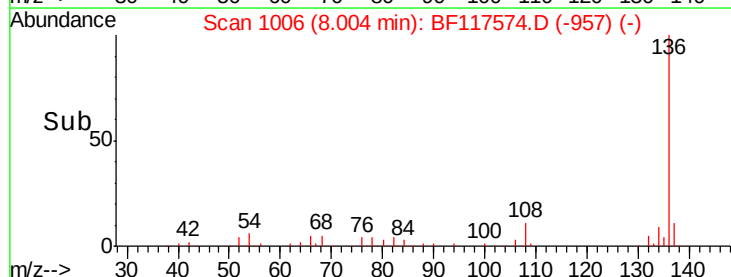
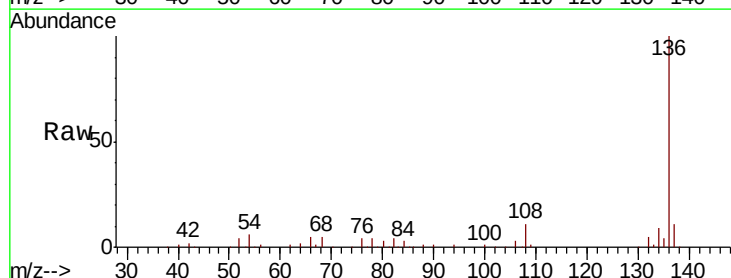
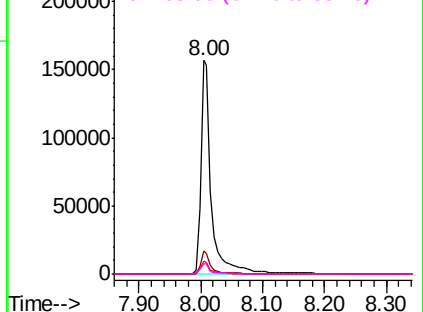
Delta R.T. -0.01 min

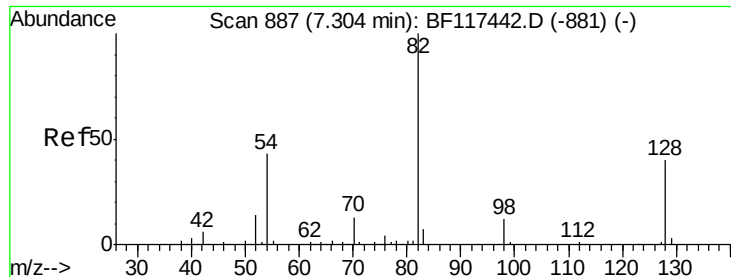
Lab File: BF117574.D

Acq: 28 Oct 2019 20:58

Tgt Ion:	136	Resp:	191013
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	6.1	4.5	6.7
68	4.9	4.3	6.5

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





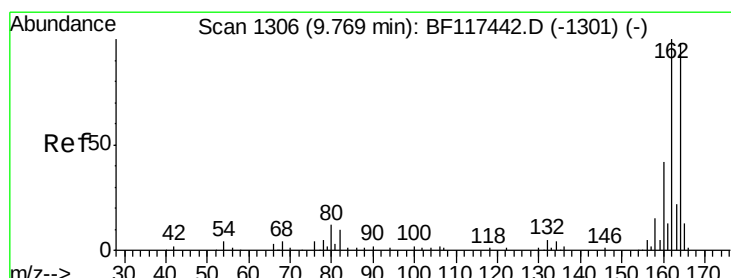
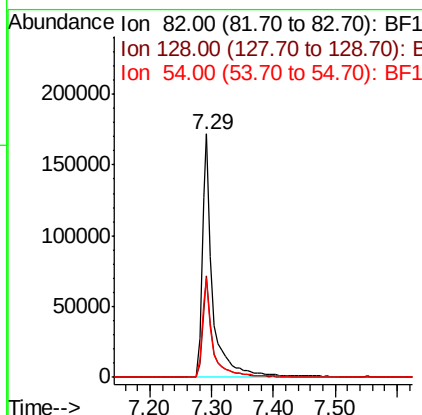
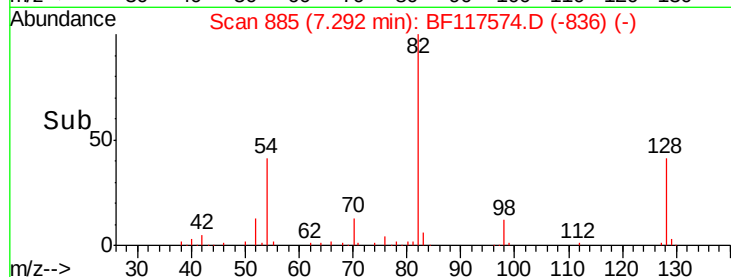
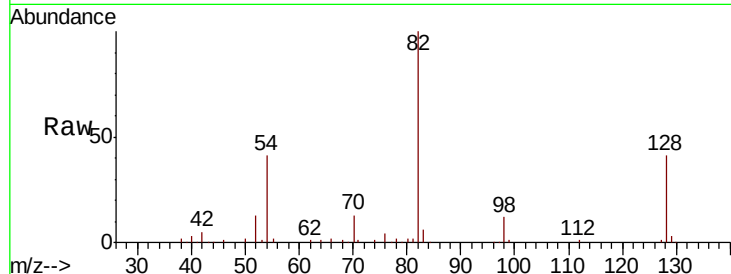
#23
 Nitrobenzene-d5
 Concen: 53.626 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117574.D
 Acq: 28 Oct 2019 20:58

Instrument :
 BNA_F
 ClientSampled :
 ESW

Tot Ion	82	Resp	207489
Ion Ratio	100	Lower	Upper
128	41.5	32.2	48.2
54	40.8	34.2	51.2

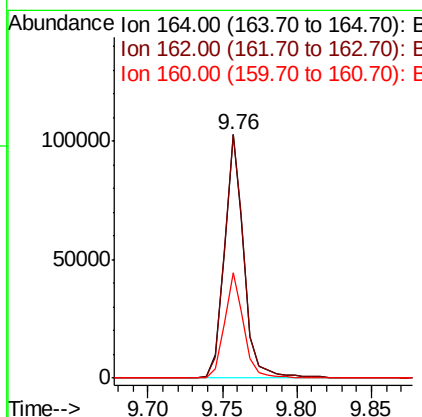
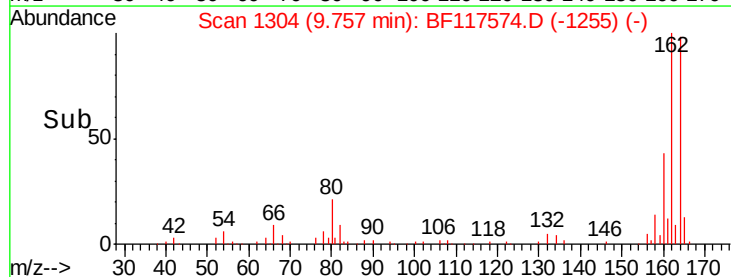
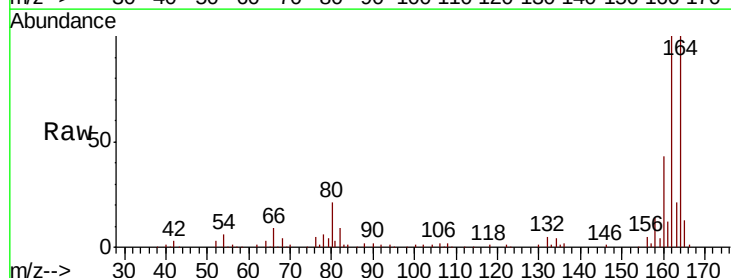
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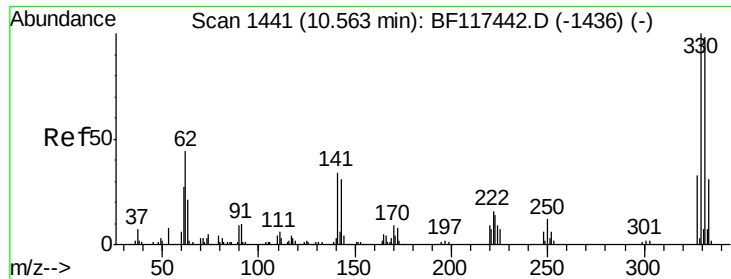
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117574.D
 Acq: 28 Oct 2019 20:58

Tgt Ion	164	Resp	93860
Ion Ratio	100	Lower	Upper
162	100.1	81.8	122.6
160	43.1	34.4	51.6





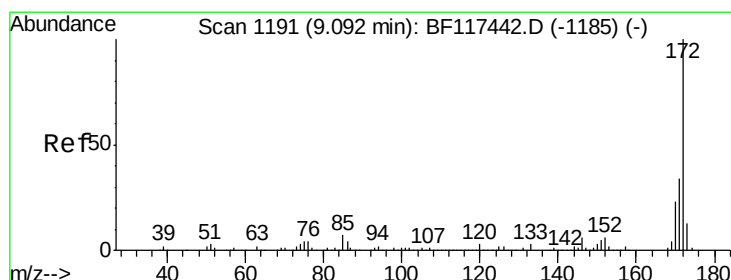
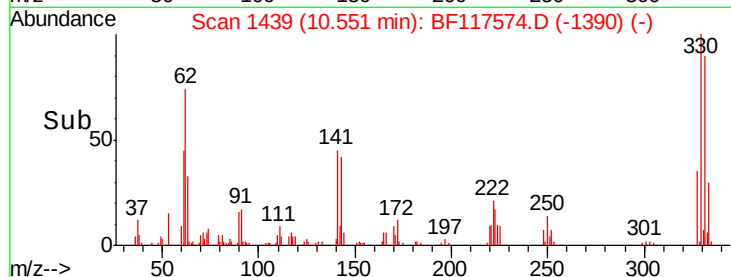
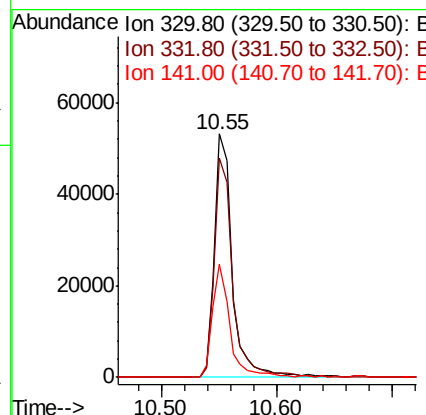
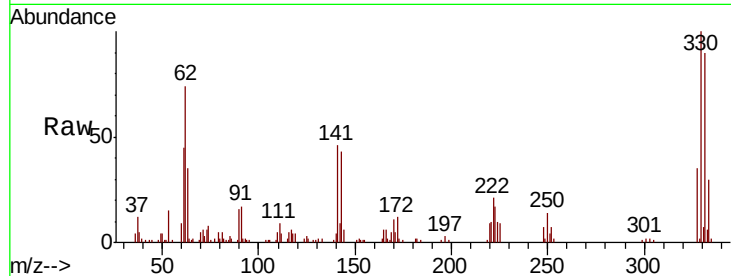
#42
 2,4,6-Tribromophenol
 Concen: 70.379 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF117574.D
 Acq: 28 Oct 2019 20:58

Instrument :
 BNA_F
 ClientSampled :
 ESW

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.4	78.5	117.7
141	45.4	37.0	55.6

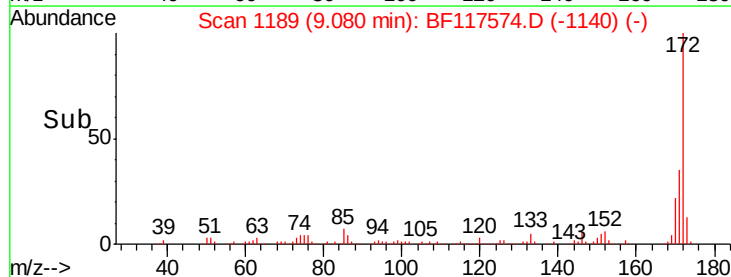
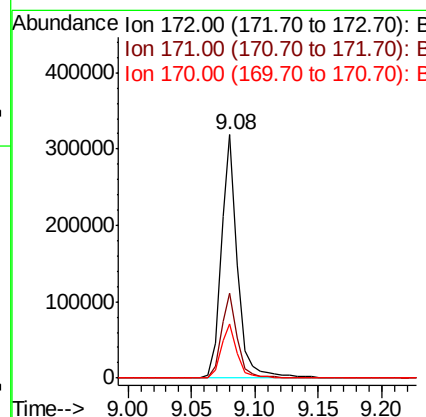
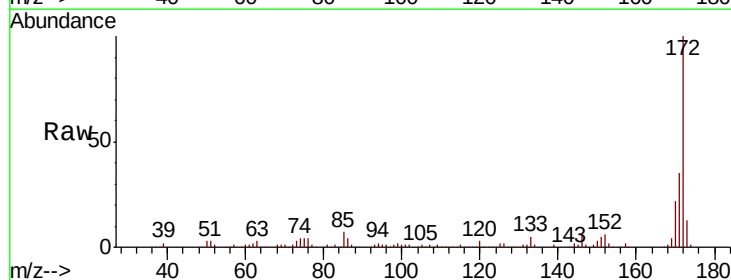
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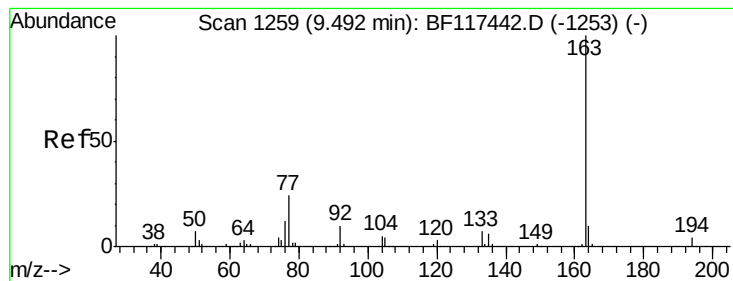
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#45
 2-Fluorobiphenyl
 Concen: 43.502 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117574.D
 Acq: 28 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.5	41.3
170	22.3	18.6	27.8





#50

Dimethylphthalate

Concen: 6.545 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF117574.D

Acq: 28 Oct 2019 20:58

Instrument :

BNA_F

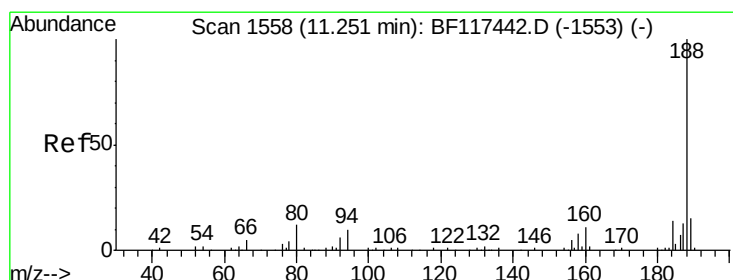
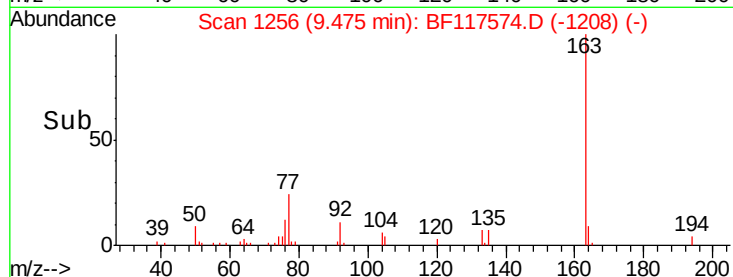
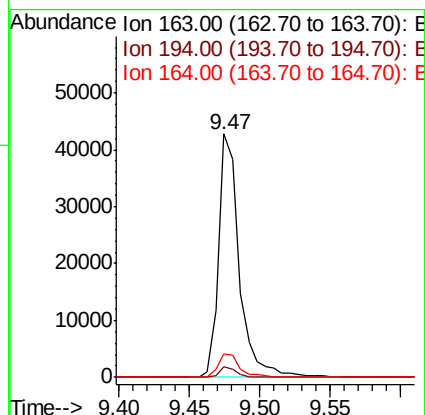
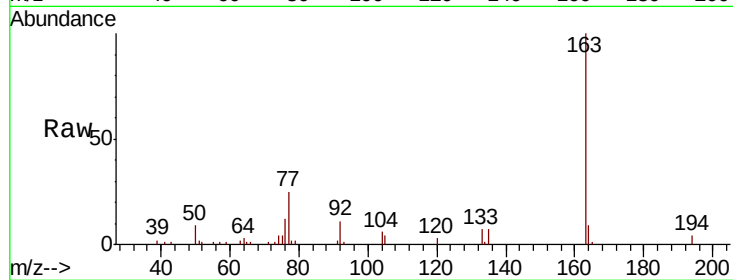
ClientSampled :

ESW

Tot Ion:	163	Resp:	43796
Ion Ratio	Lower	Upper	
163	100		
194	4.4	2.9	4.3#
164	9.5	8.2	12.2

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#64

Phenanthrene-d10

Concen: 20.000 ng

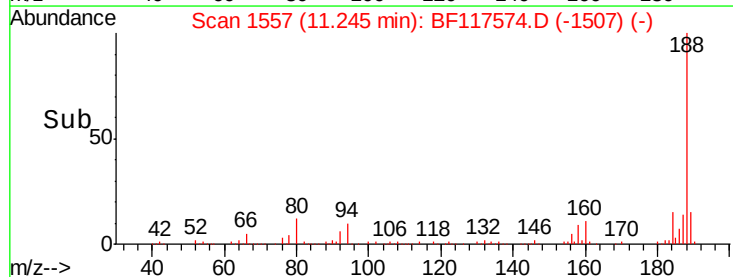
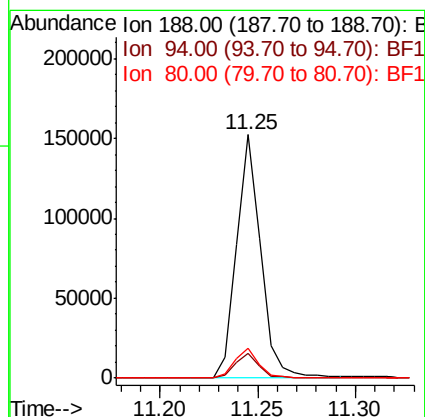
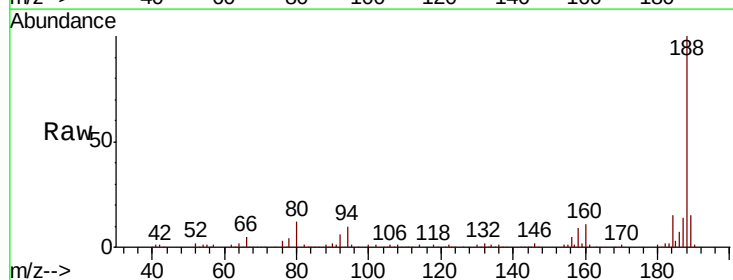
RT: 11.25 min Scan# 1557

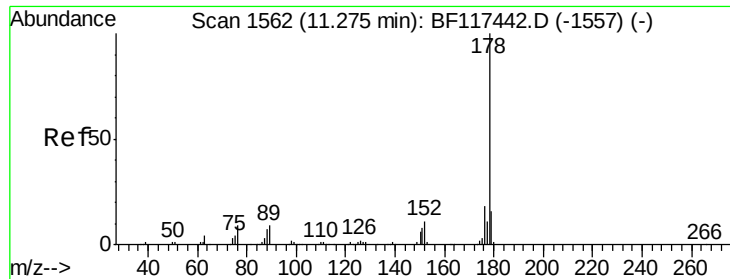
Delta R.T. -0.01 min

Lab File: BF117574.D

Acq: 28 Oct 2019 20:58

Tgt Ion:	188	Resp:	131688
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.0	12.0
80	12.1	9.5	14.3





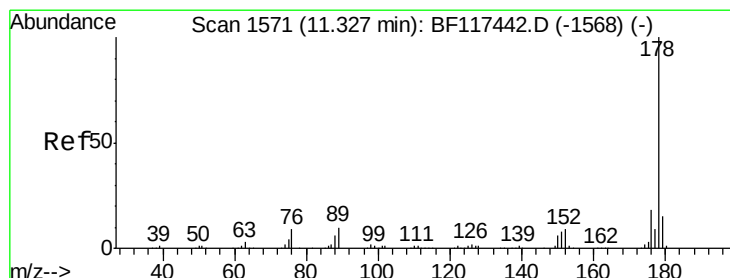
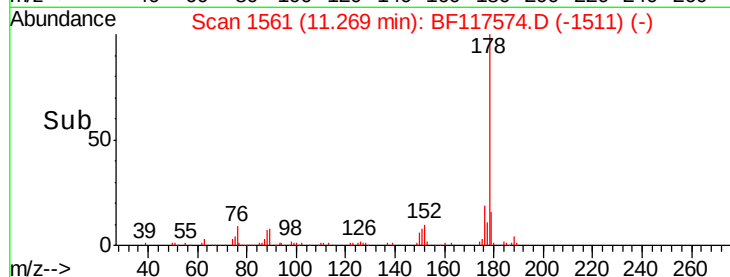
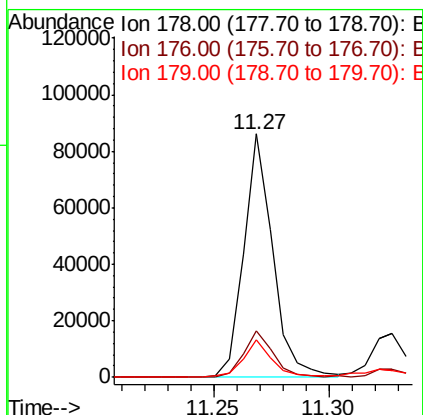
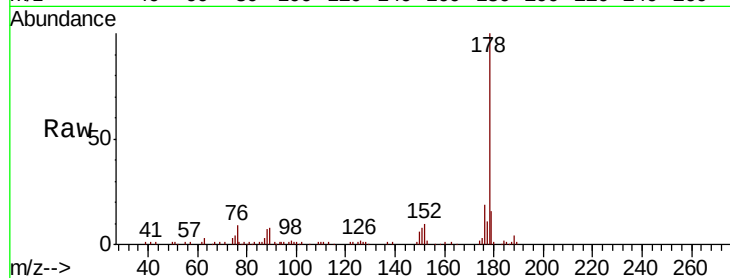
#71
Phenanthrene
Concen: 9.922 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Instrument :
BNA_F
ClientSampled :
ESW

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.6	12.6	19.0

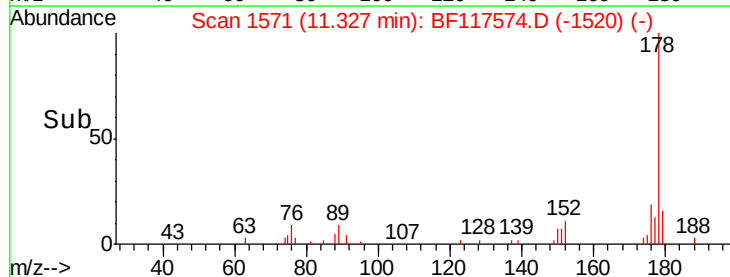
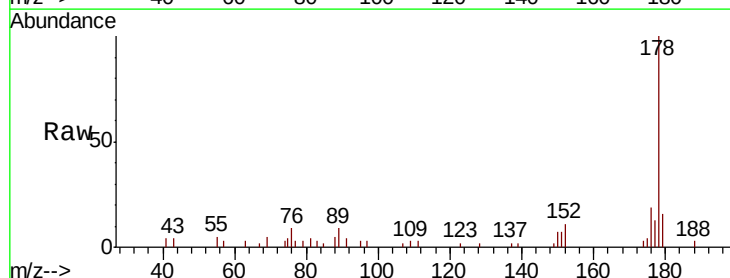
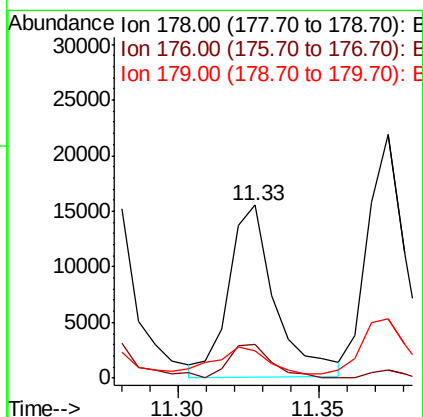
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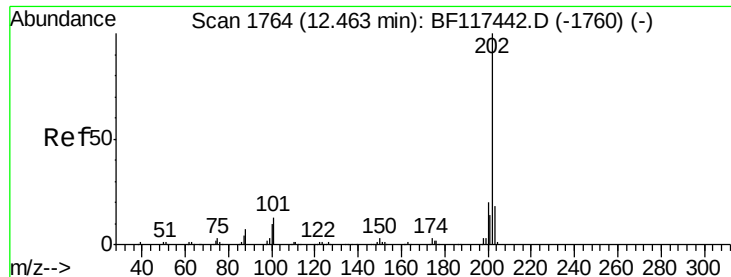
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#72
Anthracene
Concen: 2.249 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.7	22.1
179	16.1	12.2	18.2





#75

Fluoranthene

Concen: 14.273 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117574.D

Acq: 28 Oct 2019 20:58

Instrument :

BNA_F

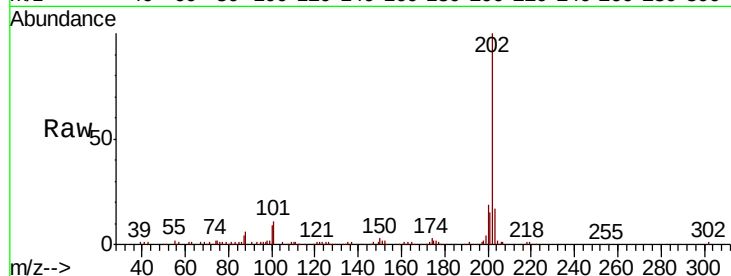
ClientSampleId :

ESW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		109256		
101	11.0	0.0	32.7		
203	16.5	0.0	37.6		

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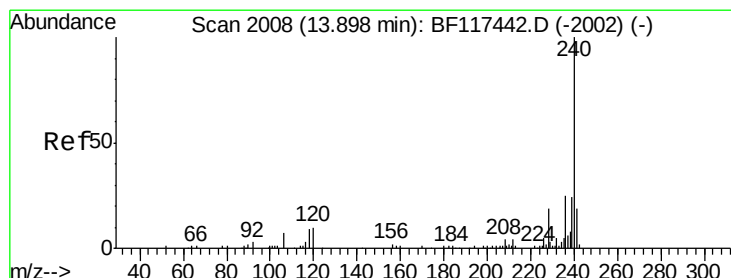
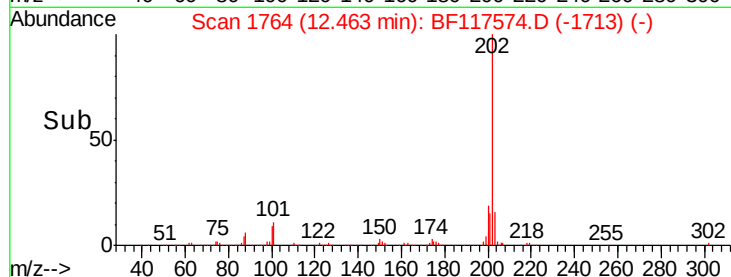
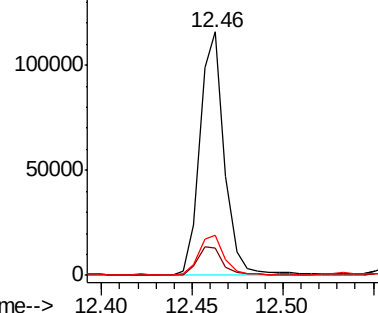


Abundance

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117574.D

Acq: 28 Oct 2019 20:58

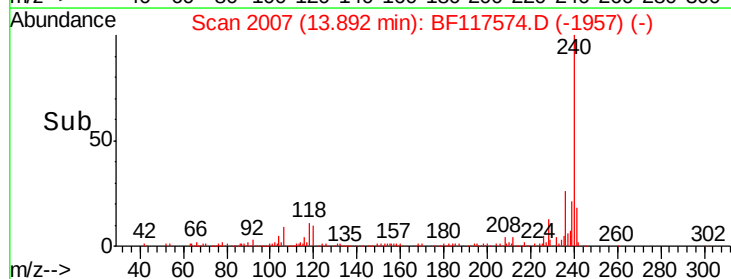
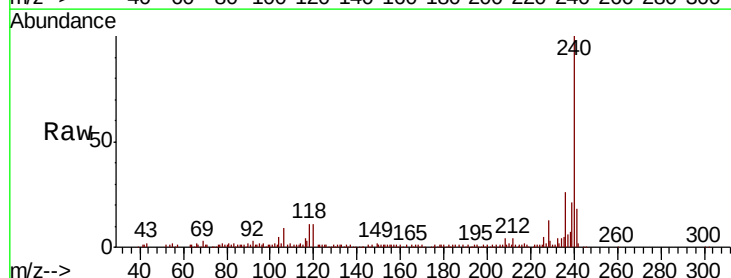
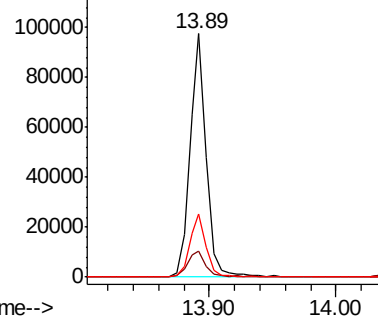
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		87450		
120	10.7	8.4	12.6		
236	25.7	20.0	30.0		

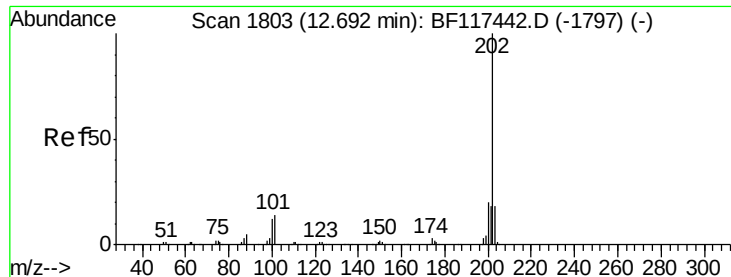
Abundance

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: 13.017 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117574.D

Acq: 28 Oct 2019 20:58

Instrument :

BNA_F

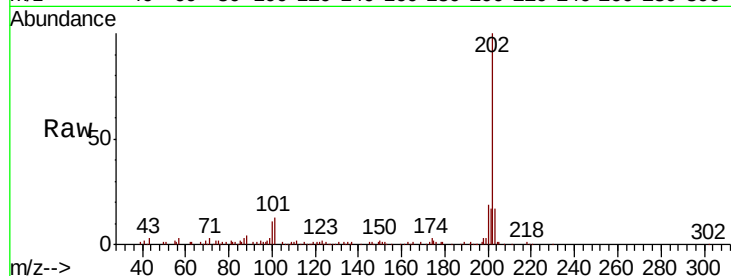
ClientSampled :

ESW

Tot Ion:	202	Resp:	97774
Ion Ratio	Lower	Upper	
202	100		
200	18.8	16.2	24.2
203	17.3	14.0	21.0

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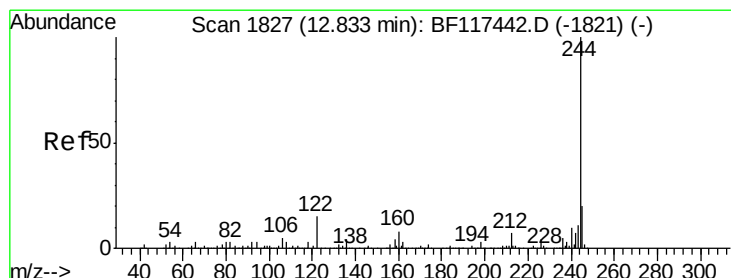
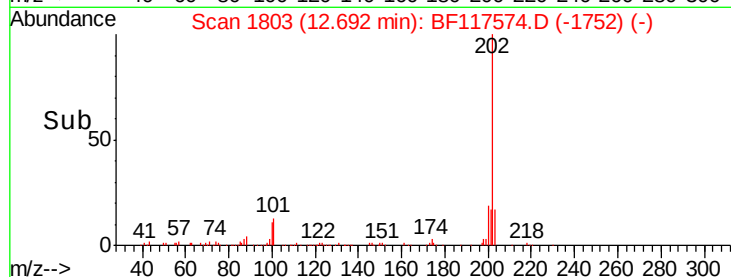
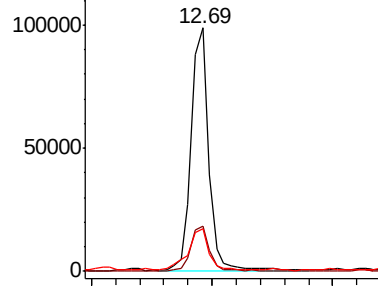


Abundance

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: 38.992 ng

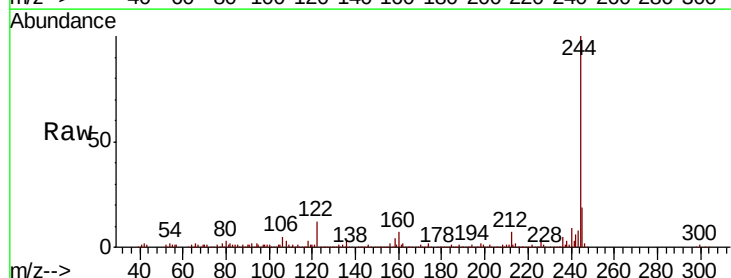
RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117574.D

Acq: 28 Oct 2019 20:58

Tgt Ion:	244	Resp:	209049
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.6
122	12.1	11.8	17.8

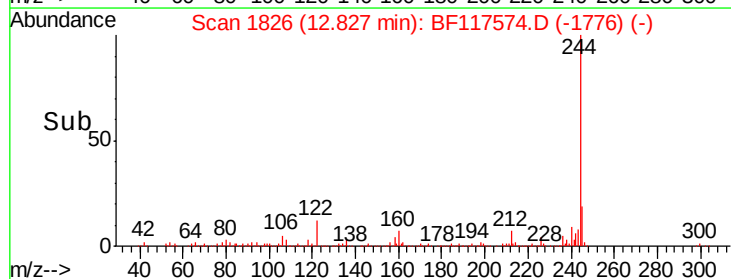
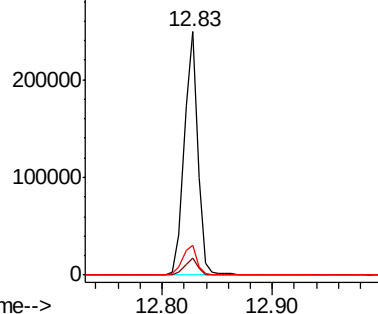


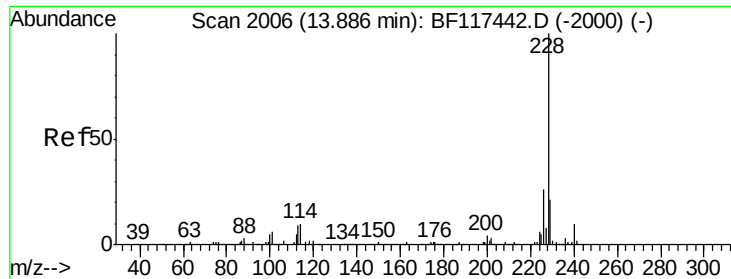
Abundance

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





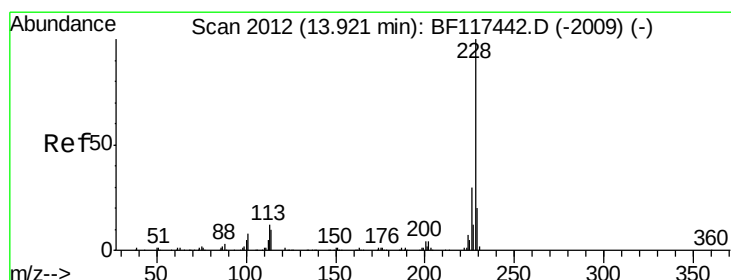
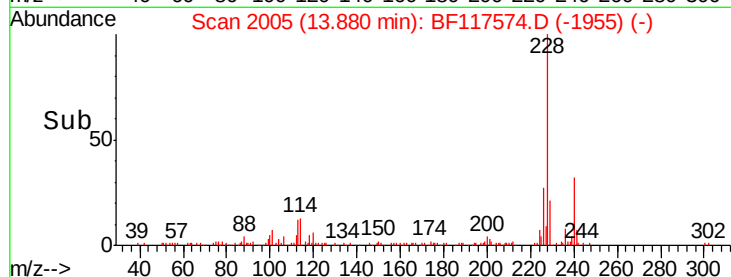
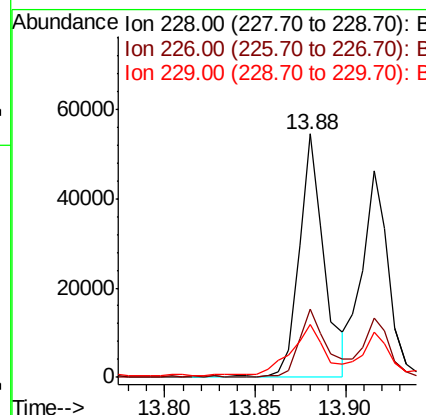
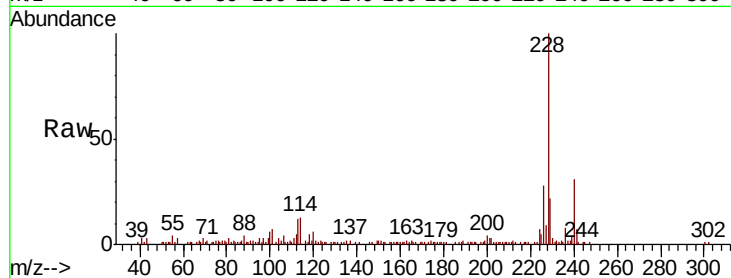
#81
Benzo(a)anthracene
Concen: 8.943 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Instrument :
BNA_F
ClientSampled :
ESW

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.0	31.4
229	21.8	16.4	24.6

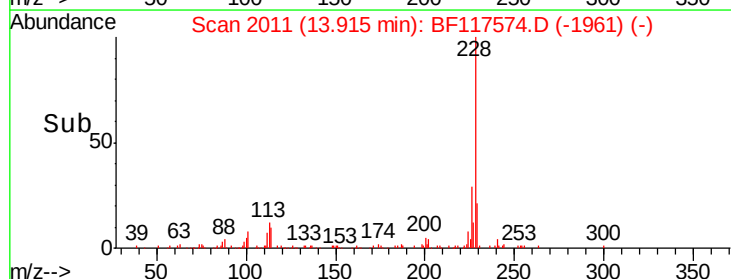
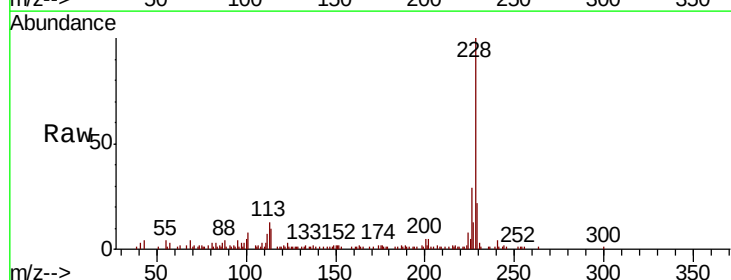
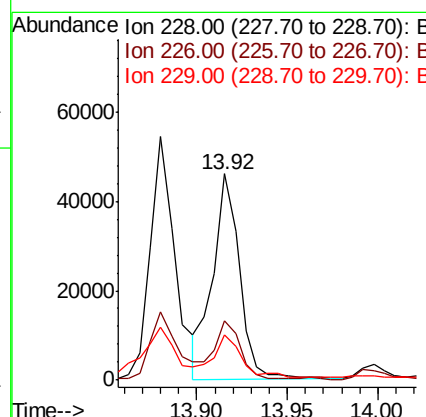
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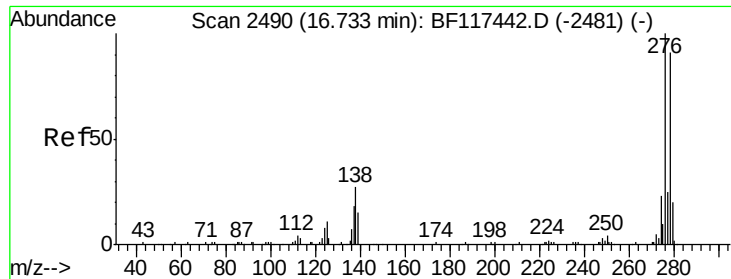
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#83
Chrysene
Concen: 8.146 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.9	35.9
229	22.1	15.8	23.6





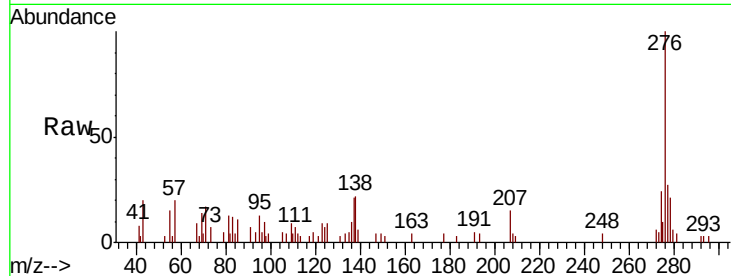
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.517 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Instrument :
BNA_F
ClientSampleId :
ESW

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.8
277	26.1	20.0	30.0

Manual Integrations
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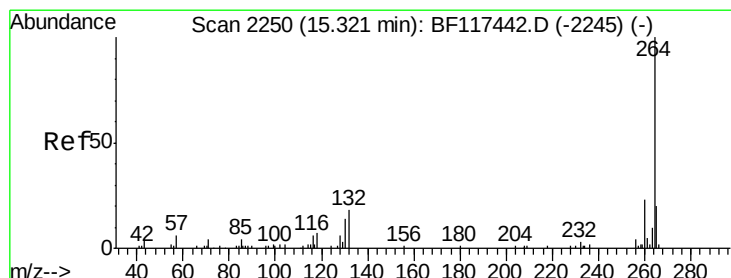
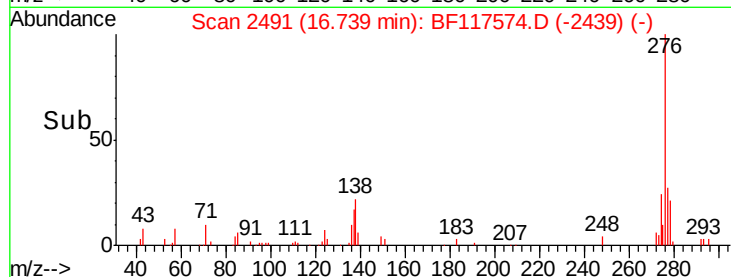
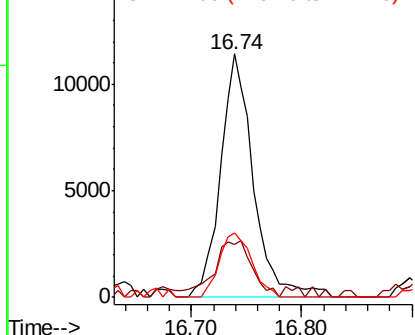


Abundance

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
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

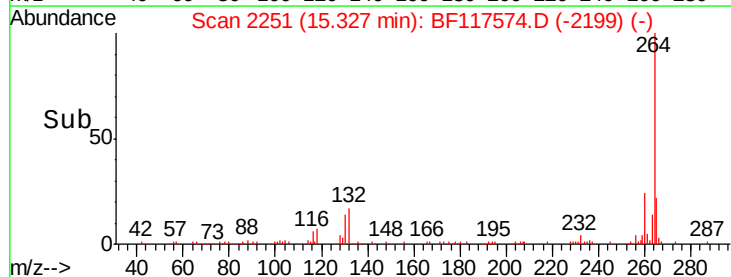
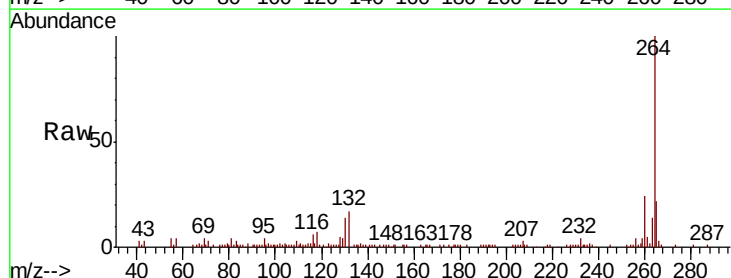
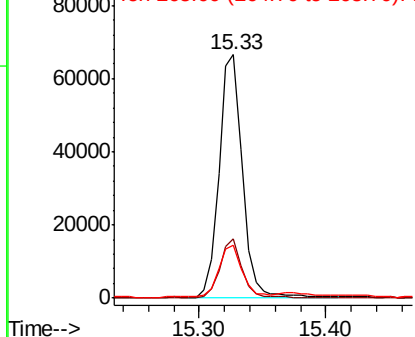
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	21.9	16.1	24.1

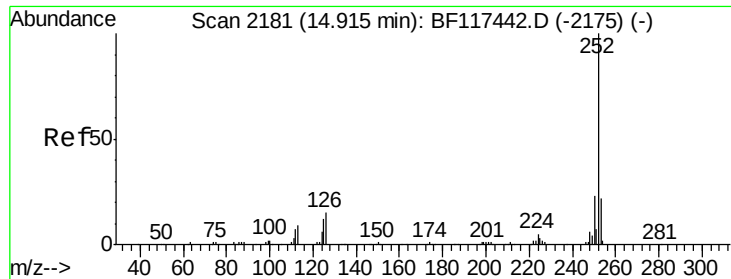
Abundance

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





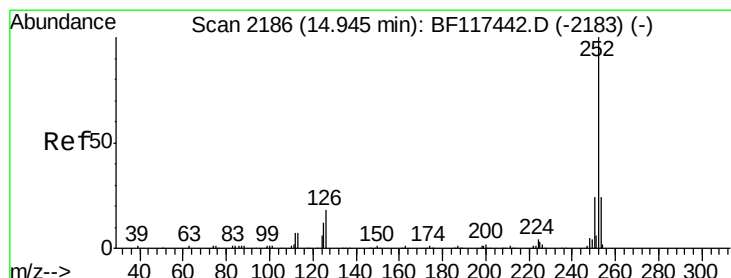
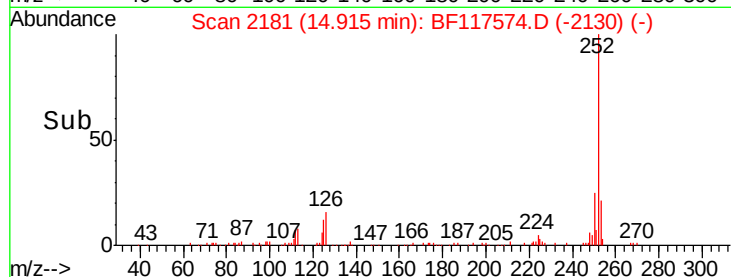
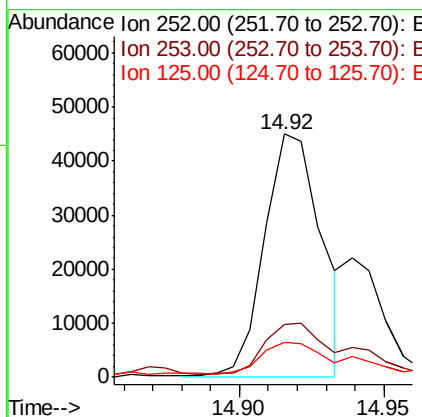
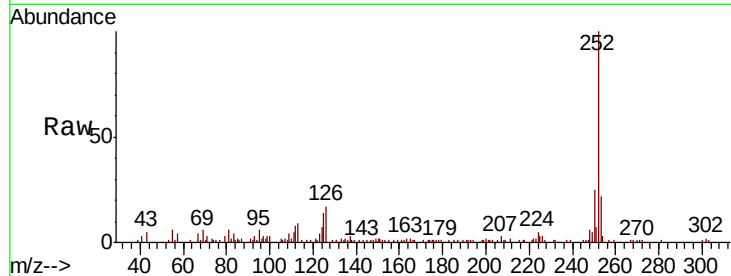
#88
Benzo(b)fluoranthene
Concen: 12.265 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Instrument :
BNA_F
ClientSampleId :
ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	14.1	9.9	14.9

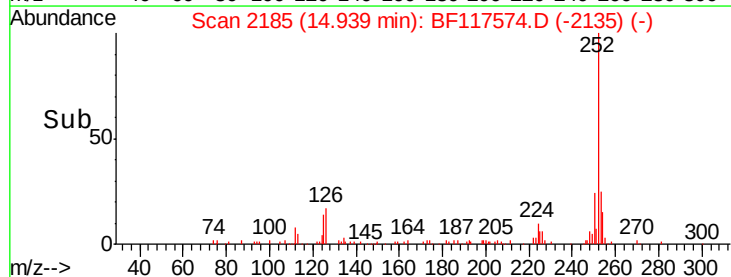
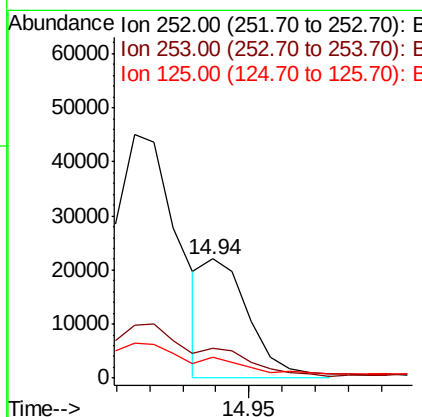
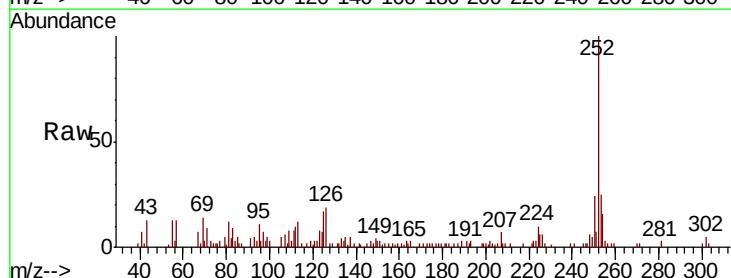
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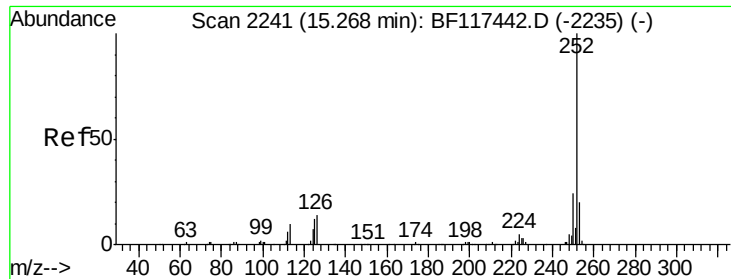
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#89
Benzo(k)fluoranthene
Concen: 4.049 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	17.3	8.9	13.3





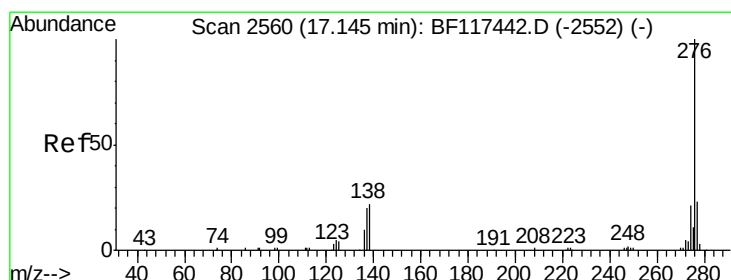
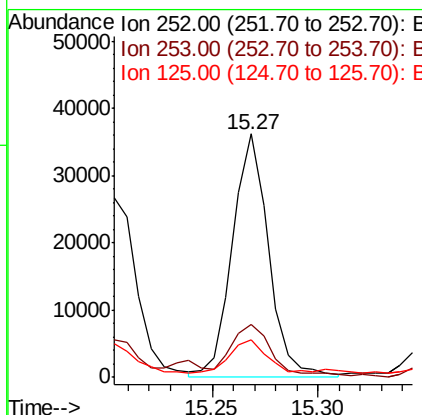
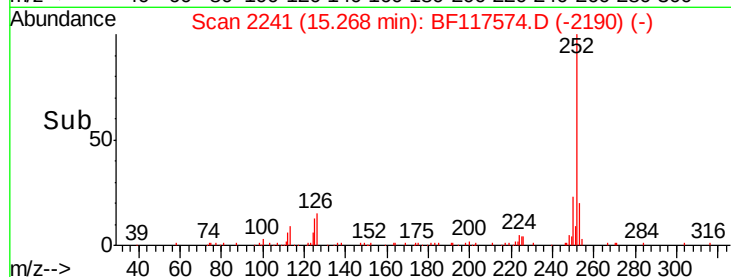
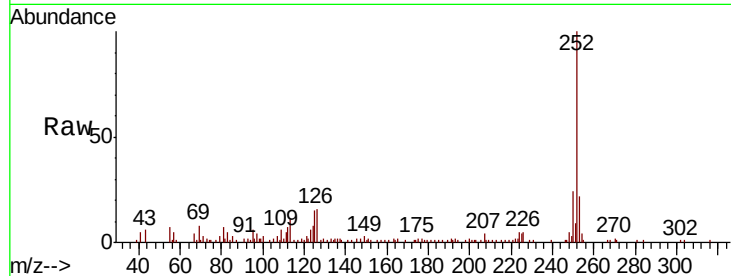
#90
Benzo(a)pyrene
Concen: 9.257 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Instrument :
BNA_F
ClientSampled :
ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.3	24.5
125	15.5	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.941 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.03 min
Lab File: BF117574.D
Acq: 28 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	26.6	17.8	26.6

