

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115959.D
 Acq On : 2 Aug 2019 20:57
 Operator : HP/JU
 Sample : K4129-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMP

Manual Integrations
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Quant Time: Aug 03 01:40:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119669	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	461956	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	253236	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	459529	20.00	ng	0.00
76) Chrysene-d12	14.03	240	351170	20.00	ng	0.00
87) Perylene-d12	15.49	264	368918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	616692	86.27	ng	0.00
7) Phenol-d6	6.48	99	814632	90.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	513111	64.12	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	216803	88.30	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	909670	67.28	ng	0.00
79) Terphenyl-d14	12.97	244	1064111	63.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	142701	8.276	ng	100
71) Phenanthrene	11.40	178	149587	6.368	ng	99
75) Fluoranthene	12.60	202	384283	15.625	ng	91
78) Pyrene	12.83	202	336367	12.707	ng	# 89
81) Benzo(a)anthracene	14.02	228	180541	8.044	ng	98
83) Chrysene	14.05	228	147486	6.768	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	87602	4.786	ng	97
88) Benzo(b)fluoranthene	15.06	252	204283m	9.577	ng	
89) Benzo(k)fluoranthene	15.09	252	50157m	2.414	ng	
90) Benzo(a)pyrene	15.43	252	134460	7.051	ng	99
92) Benzo(g,h,i)perylene	17.42	276	84323	5.202	ng	98

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

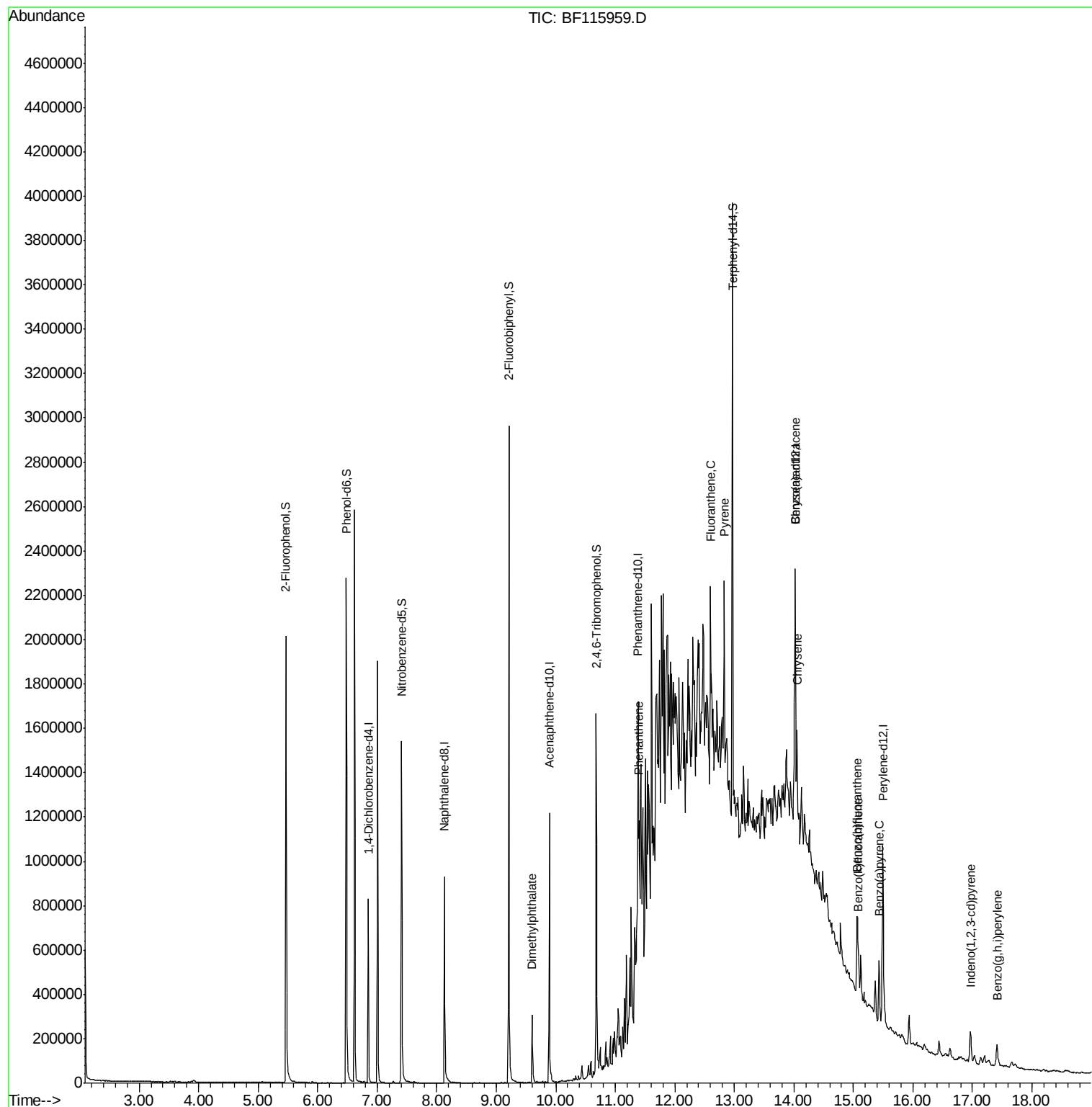
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115959.D
Acq On : 2 Aug 2019 20:57
Operator : HP/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

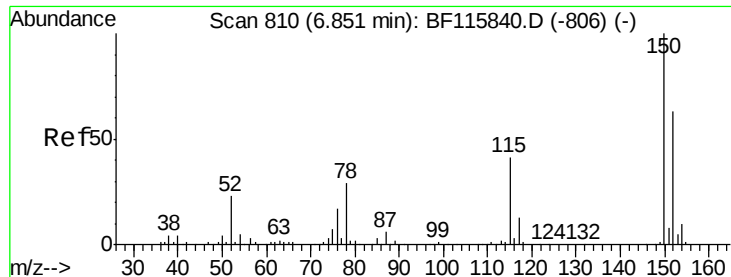
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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#1

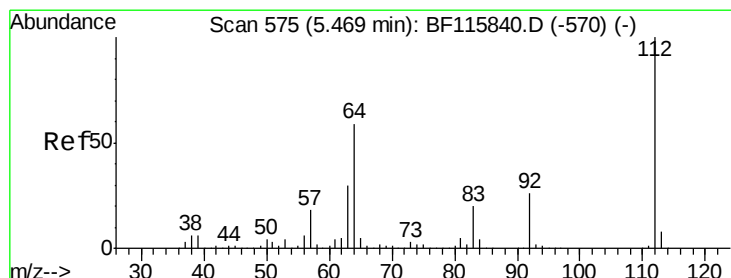
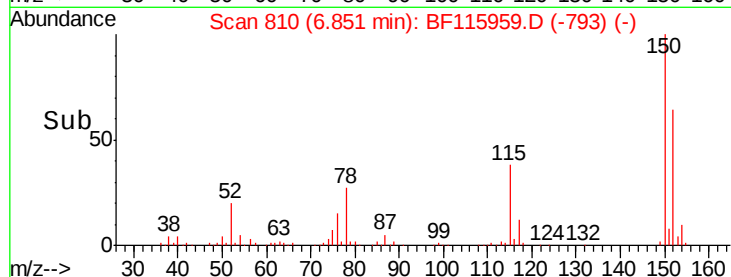
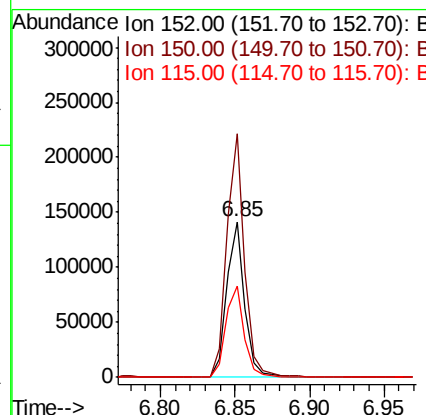
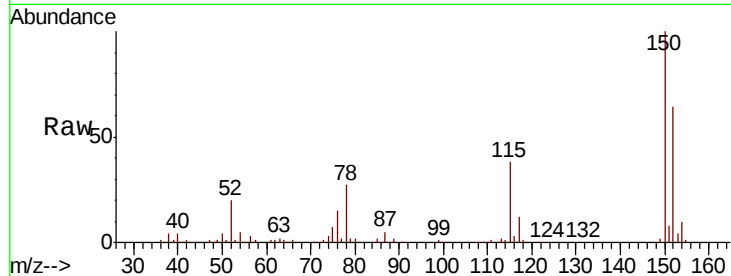
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.4	191.0
115	58.9	51.8	77.8

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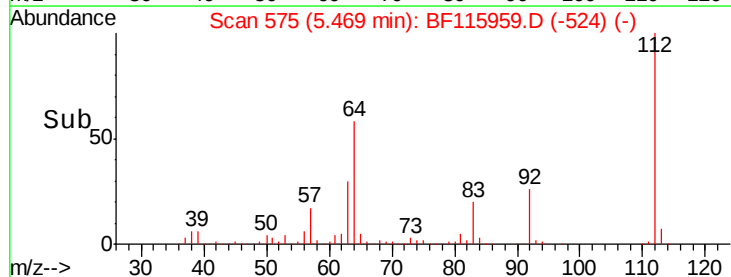
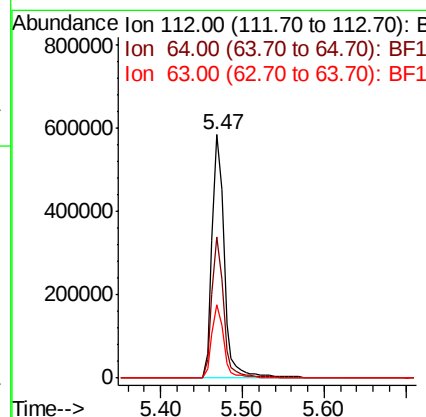
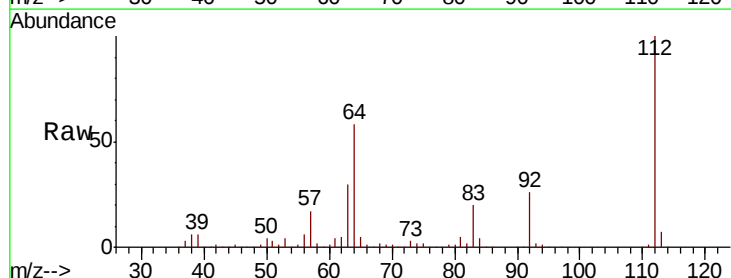
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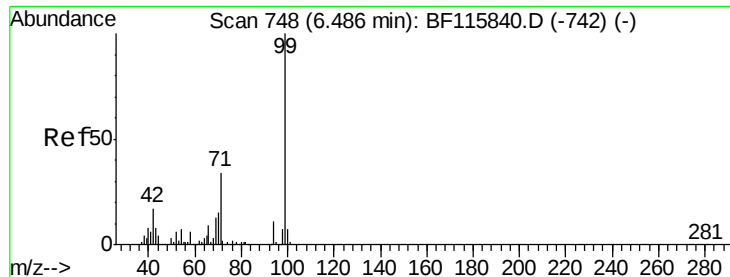


#5

2-Fluorophenol
Concen: 86.270 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.8	70.2
63	30.1	24.2	36.2





#7

Phenol-d6

Concen: 90.324 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115959.D

Acq: 2 Aug 2019 20:57

Instrument :

BNA_F

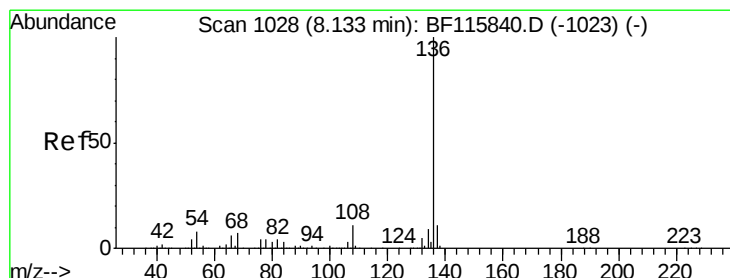
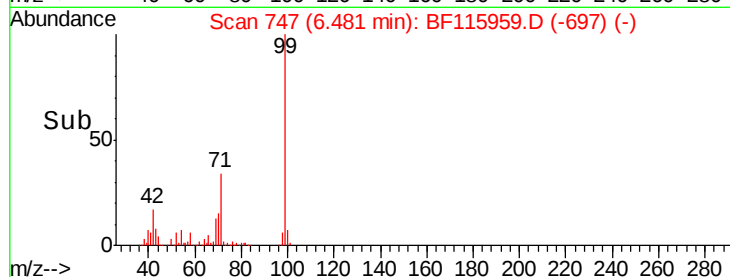
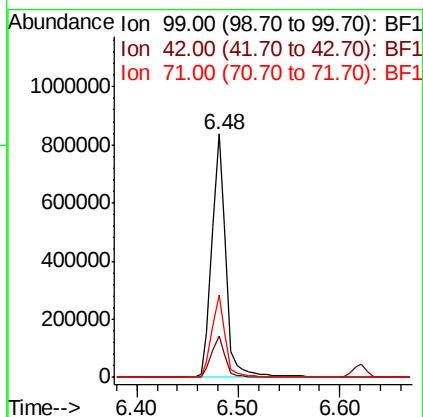
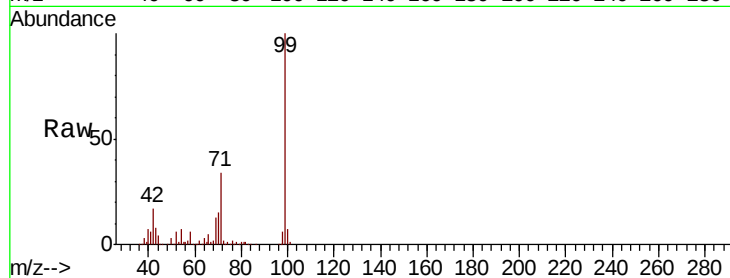
ClientSampleId :

2S-E1-E4-(0-1)COMP

Tot Ion:	99	Resp:	814632
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.6
71	33.7	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

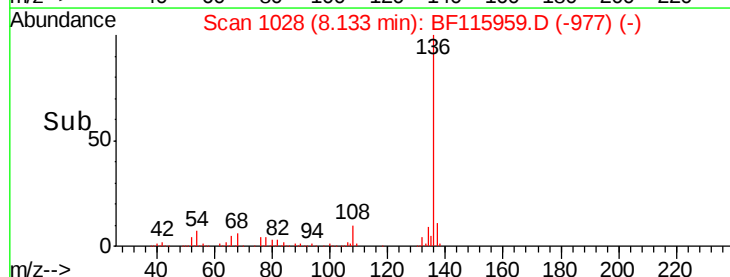
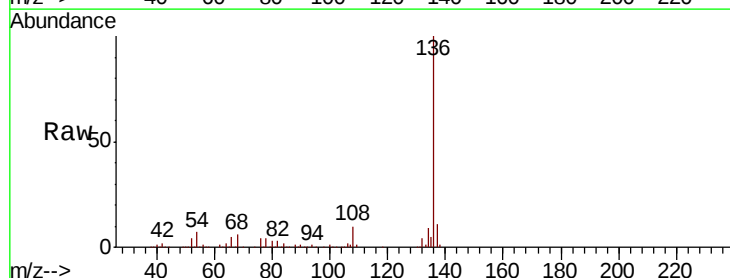
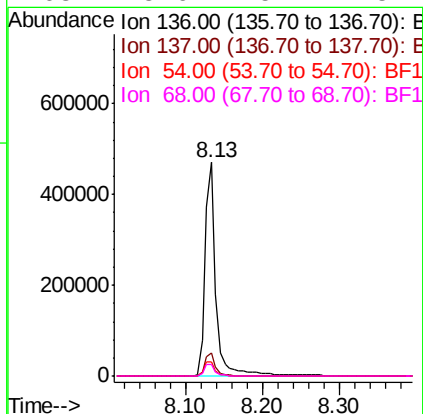
RT: 8.13 min Scan# 1028

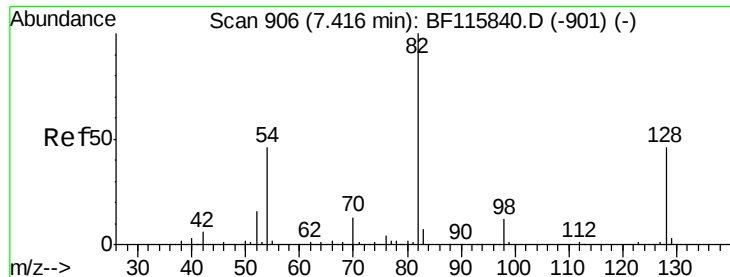
Delta R.T. -0.00 min

Lab File: BF115959.D

Acq: 2 Aug 2019 20:57

Tgt Ion:	136	Resp:	461956
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	6.7	6.1	9.1
68	5.6	5.4	8.2





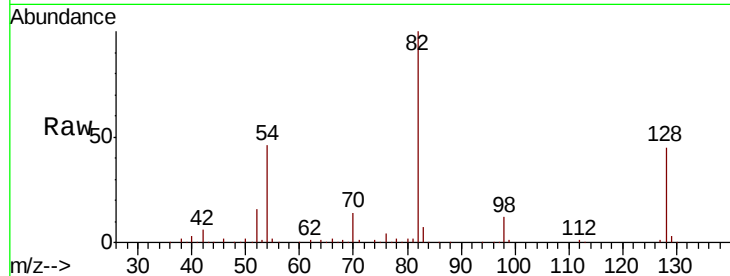
#23
Nitrobenzene-d5
Concen: 64.115 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

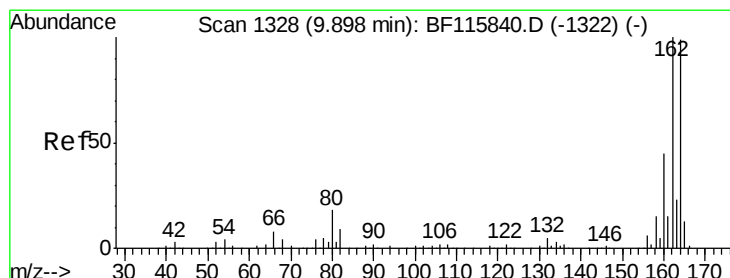
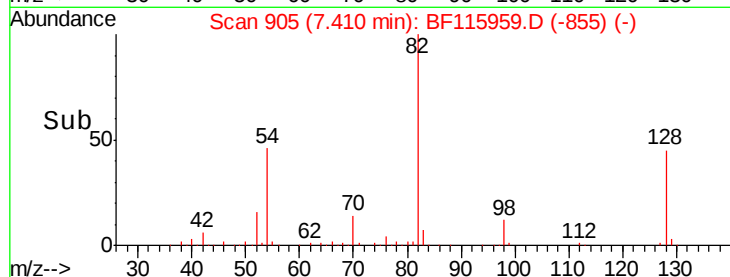
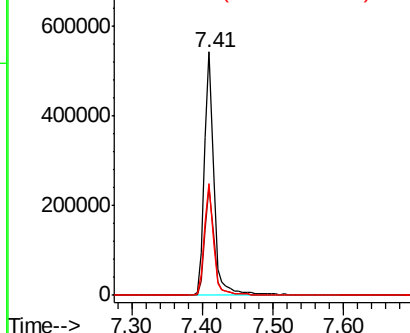
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.6	55.0
54	45.8	36.6	55.0

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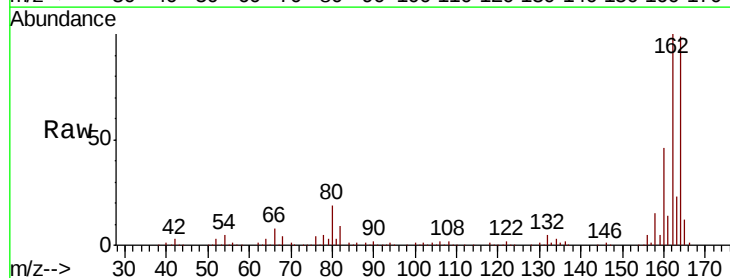


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

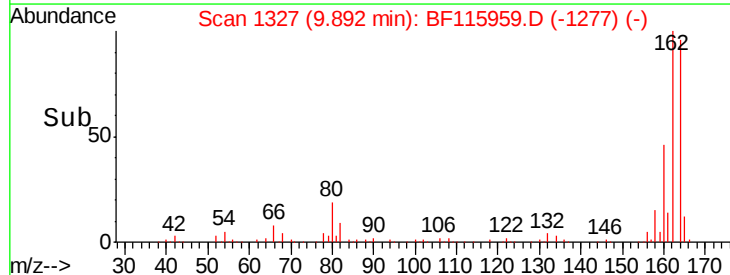
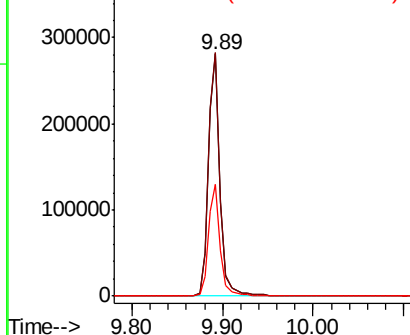


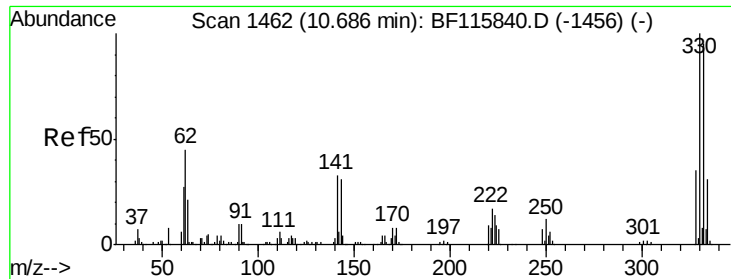
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	46.1	36.2	54.4



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





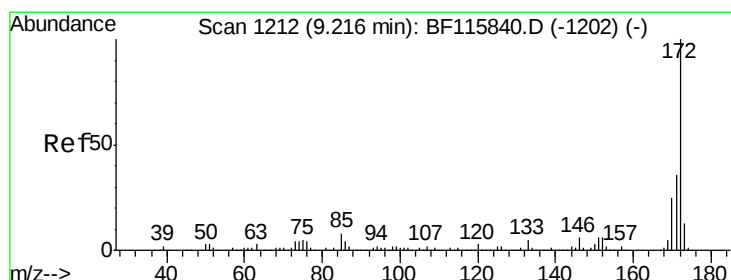
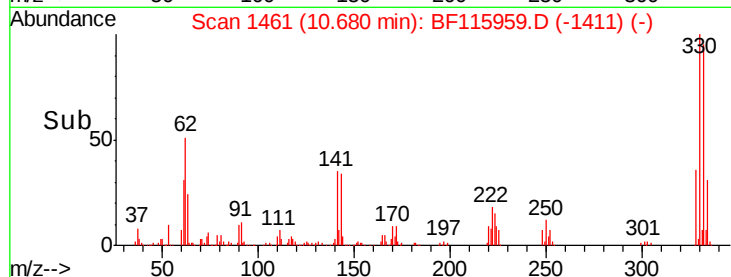
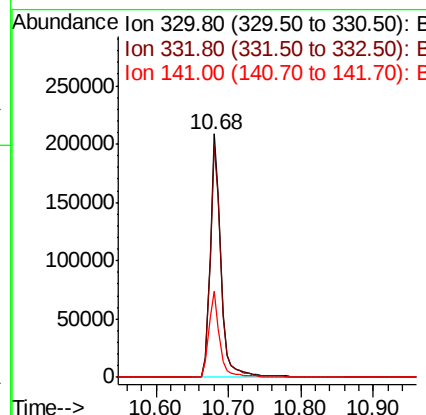
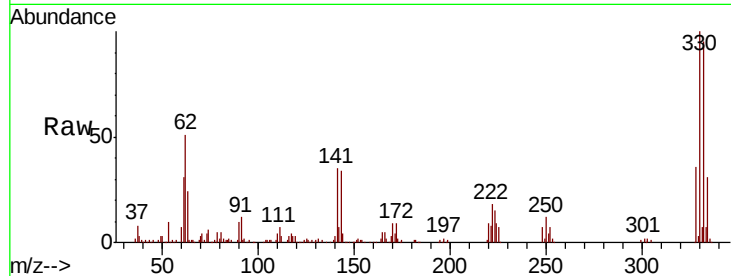
#42
 2,4,6-Tribromophenol
 Concen: 88.304 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115959.D
 Acq: 2 Aug 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	216803		
332	96.5	77.7	116.5	
141	35.6	28.1	42.1	

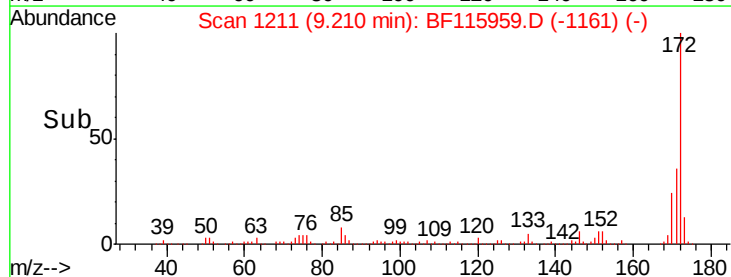
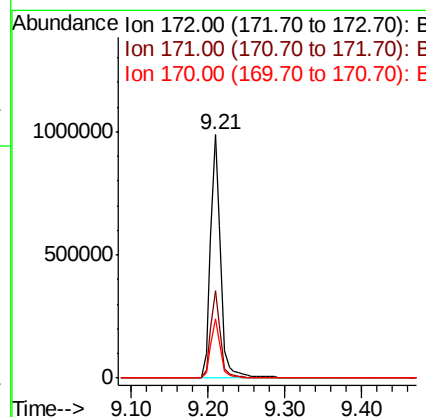
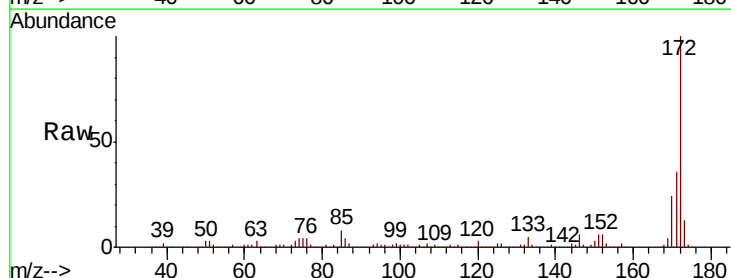
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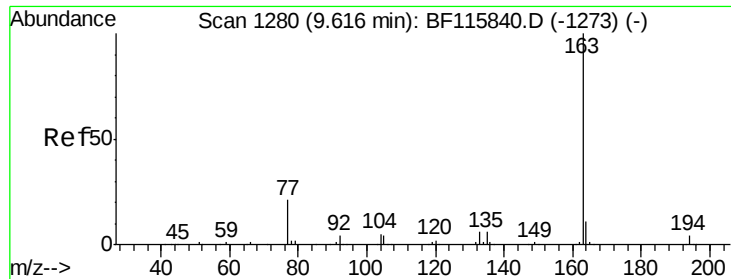
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#45
 2-Fluorobiphenyl
 Concen: 67.284 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115959.D
 Acq: 2 Aug 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	909670		
171	35.8	29.1	43.7	
170	24.2	20.1	30.1	





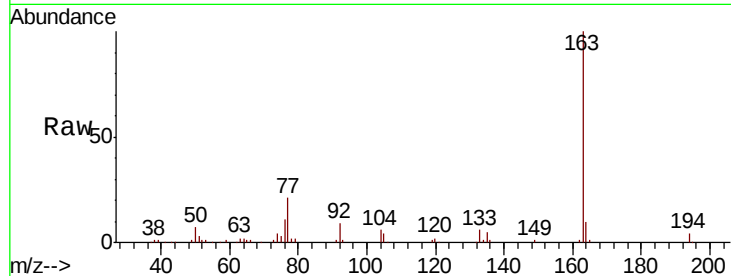
#50
Dimethylphthalate
Concen: 8.276 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

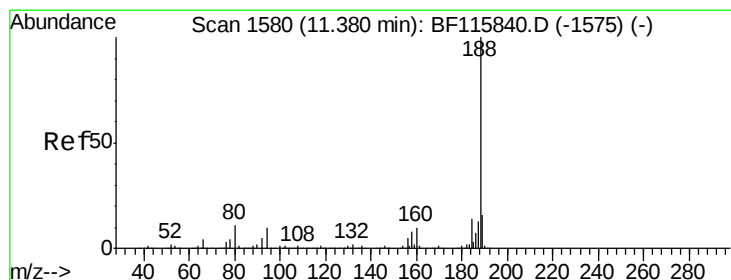
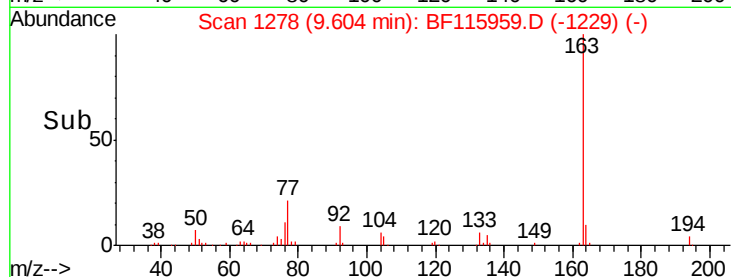
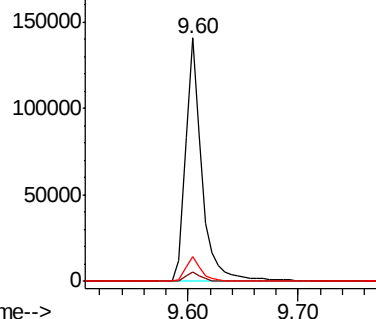
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.1		3.0	4.6	
164	10.4		8.4	12.6	

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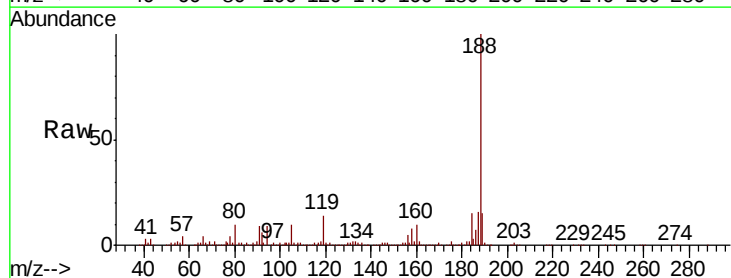


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

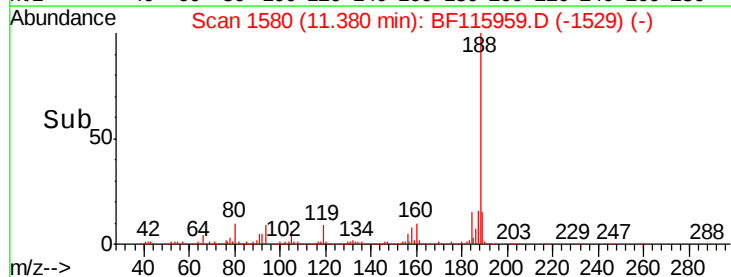
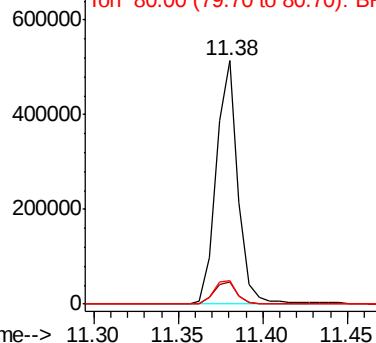


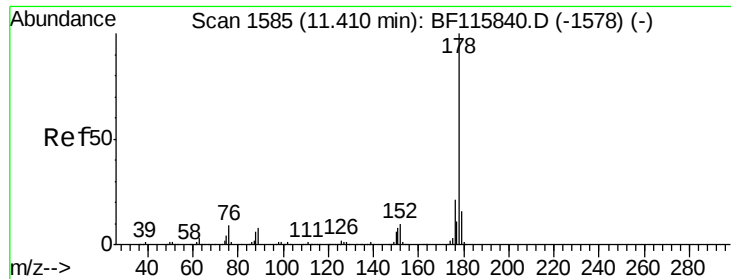
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.3		8.0	12.0	
80	9.9		8.6	12.8	



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





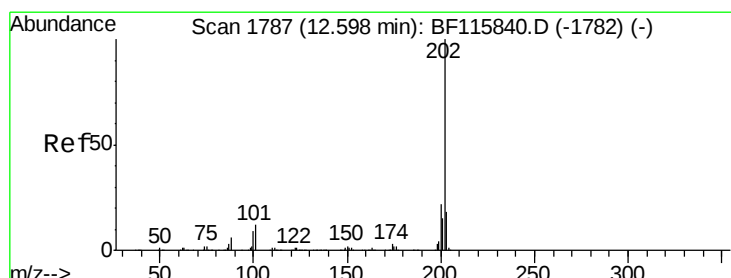
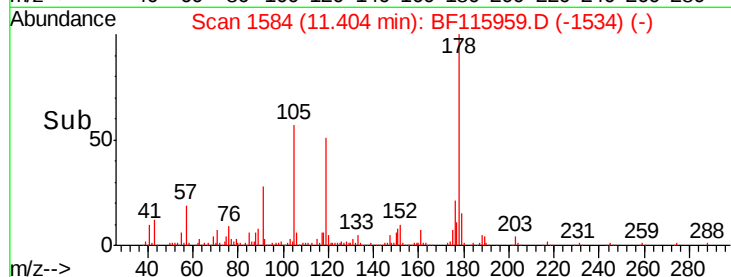
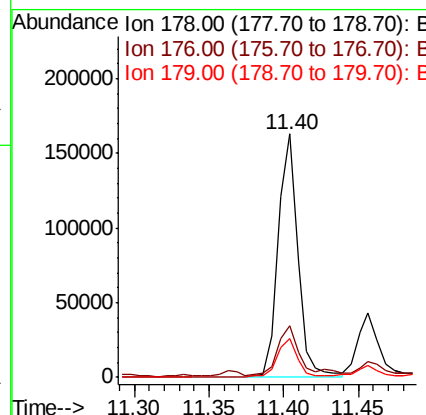
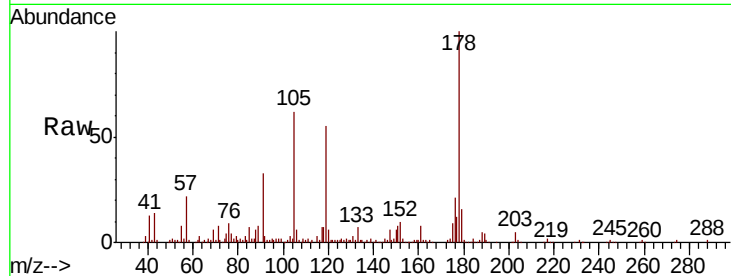
#71
Phenanthrene
Concen: 6.368 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.5	24.7
179	15.8	12.6	18.8

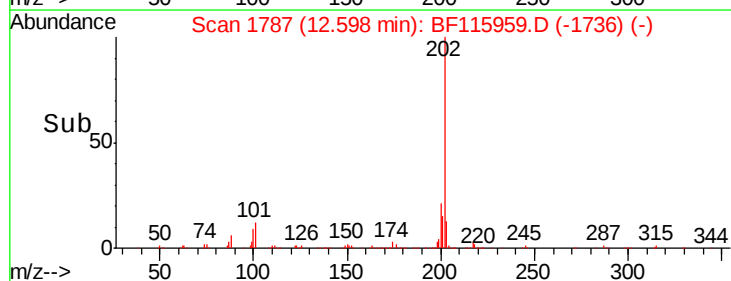
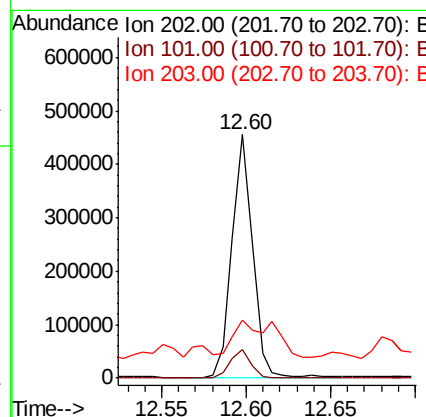
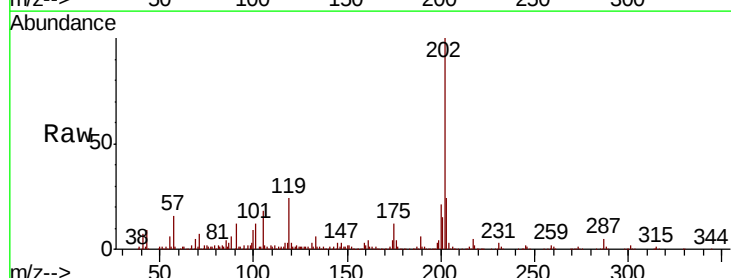
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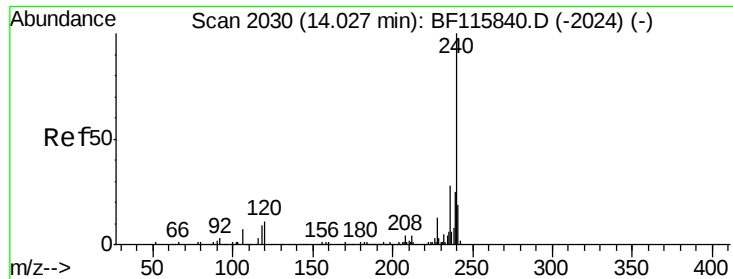
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#75
Fluoranthene
Concen: 15.625 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.5
203	24.1	0.0	37.9





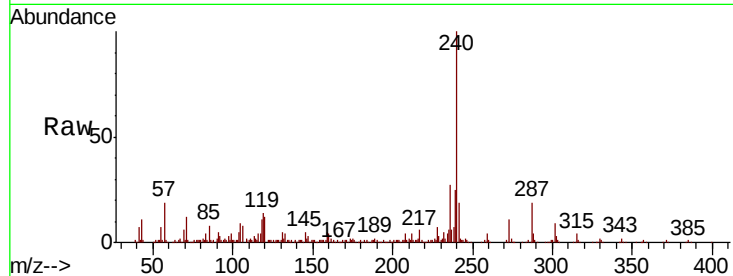
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.7	8.5	12.7	
236	27.5	22.2	33.2	

Manual Integrations
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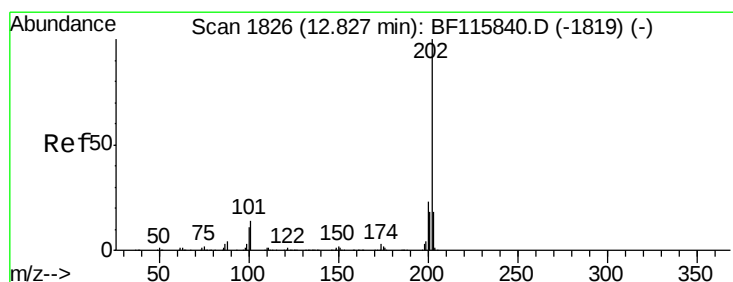
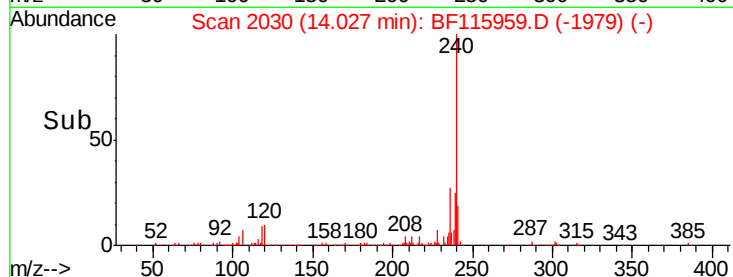
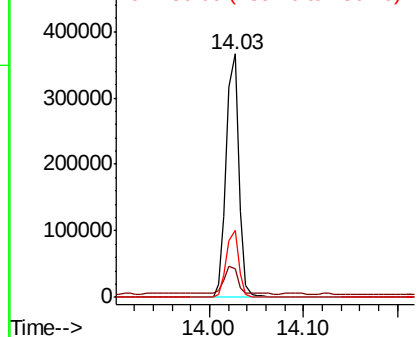


Abundance

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
Pyrene
Concen: 12.707 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

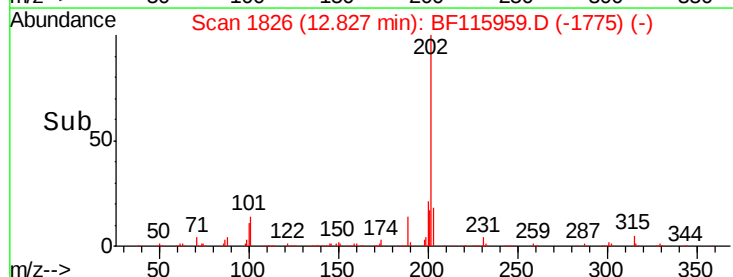
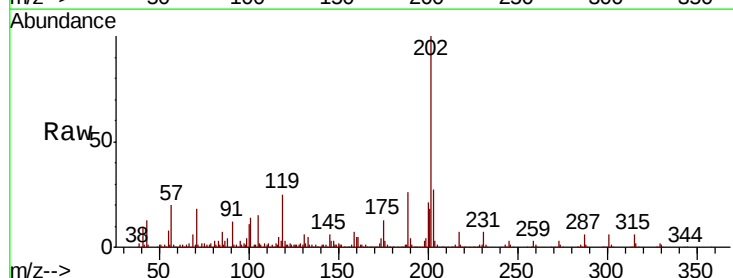
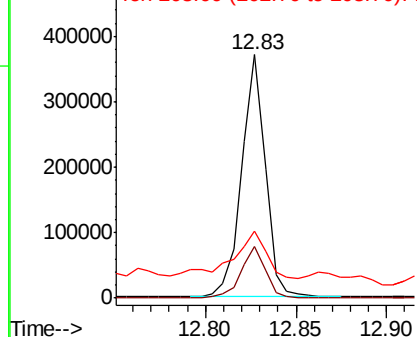
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	18.2	27.2	
203	27.4	14.3	21.5	

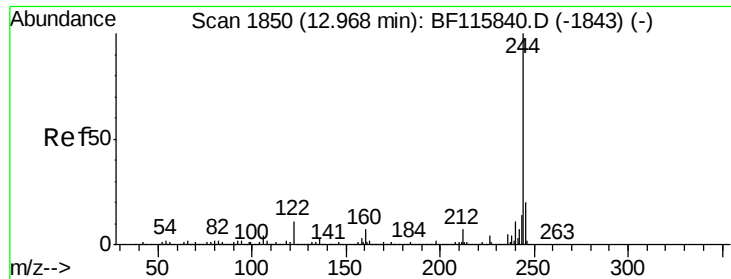
Abundance

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





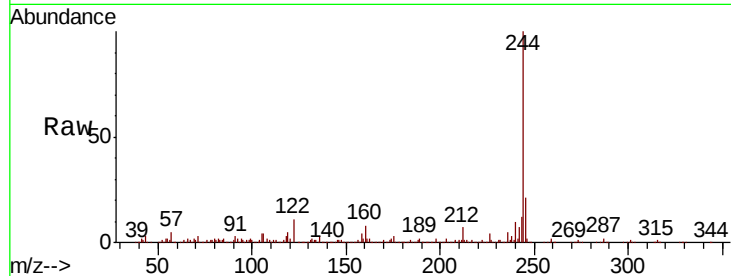
#79
 Terphenyl-d14
 Concen: 63.851 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF115959.D
 Acq: 2 Aug 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.4	8.6	13.0

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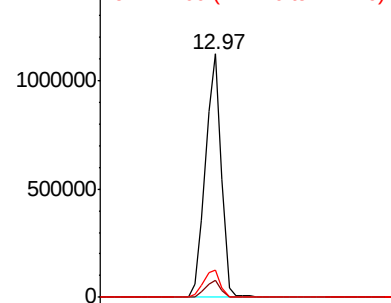


Abundance

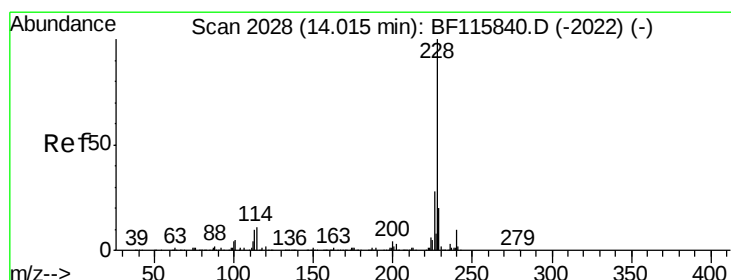
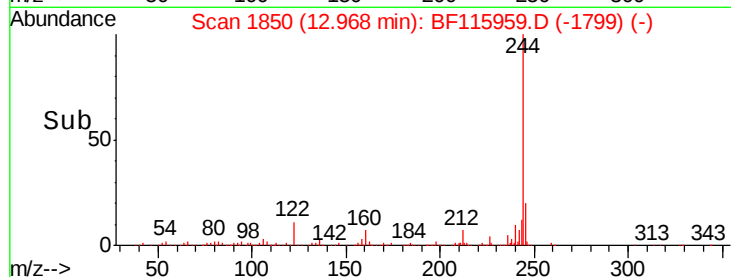
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#81
 Benzo(a)anthracene
 Concen: 8.044 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF115959.D
 Acq: 2 Aug 2019 20:57

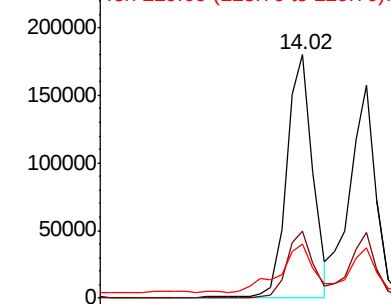
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	22.2	16.1	24.1

Abundance

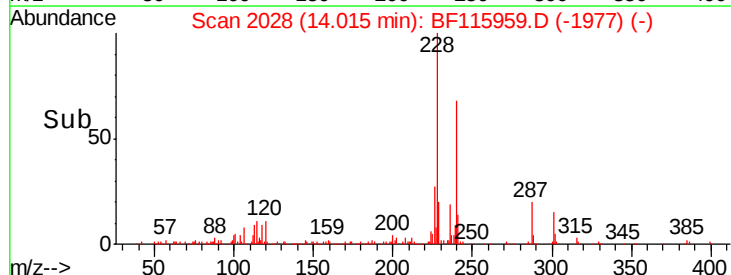
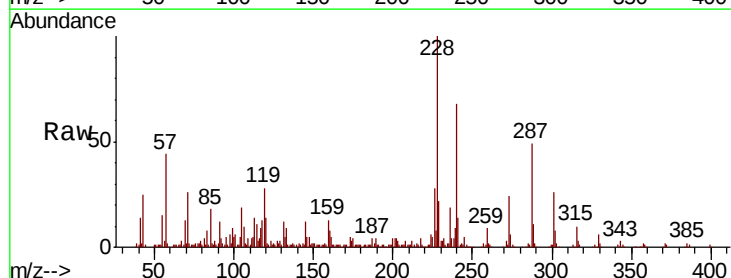
Ion 228.00 (227.70 to 228.70): E

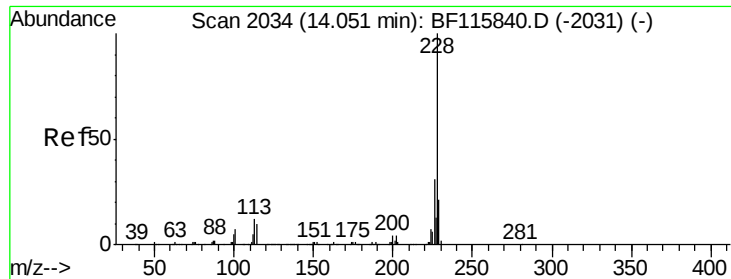
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





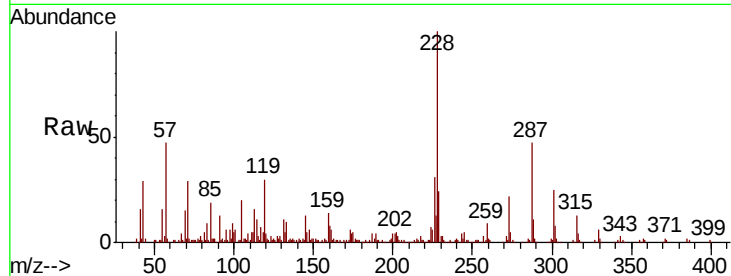
#83
Chrysene
Concen: 6.768 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	23.7	16.4	24.6

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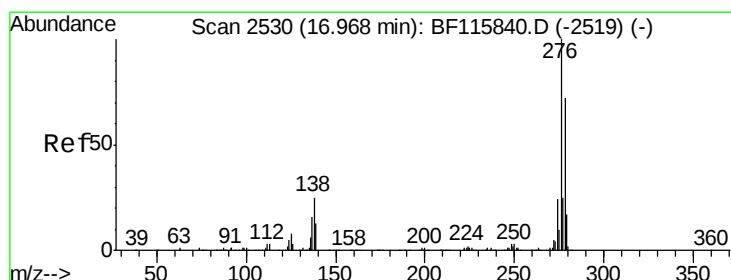
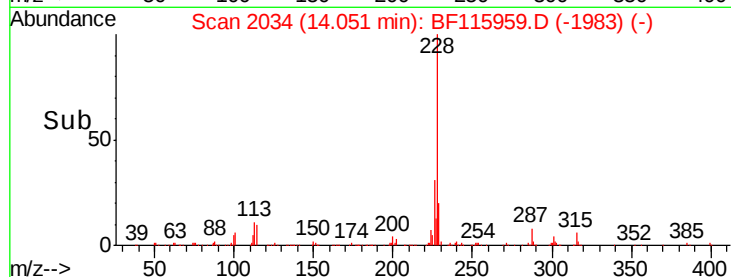
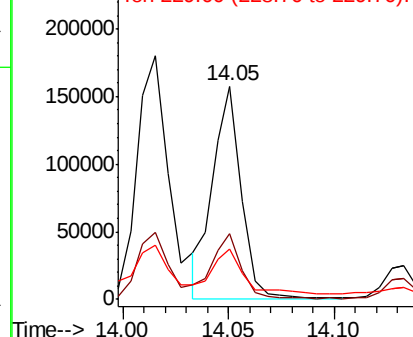


Abundance

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



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.786 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

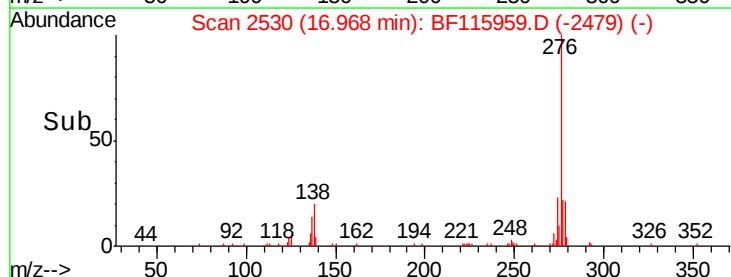
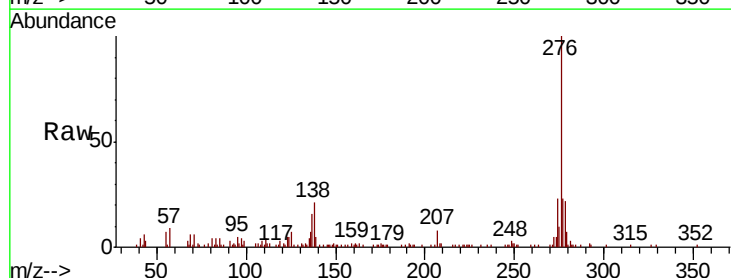
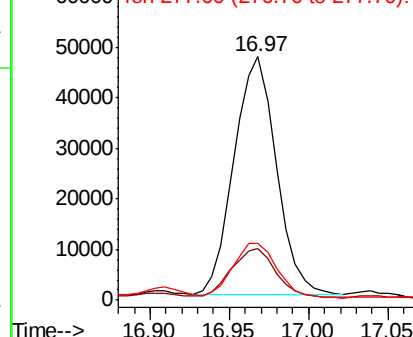
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.6	29.4
277	24.4	20.1	30.1

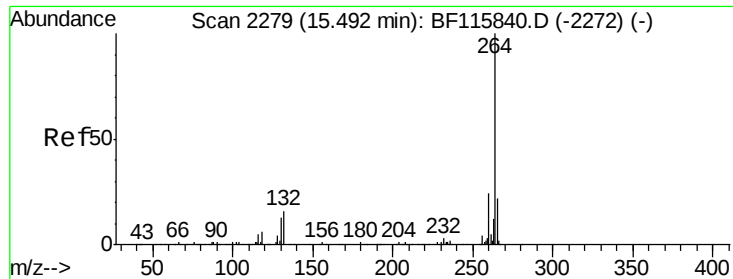
Abundance

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





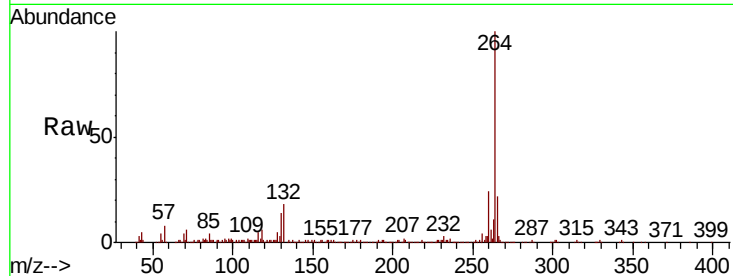
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.5	17.5	26.3

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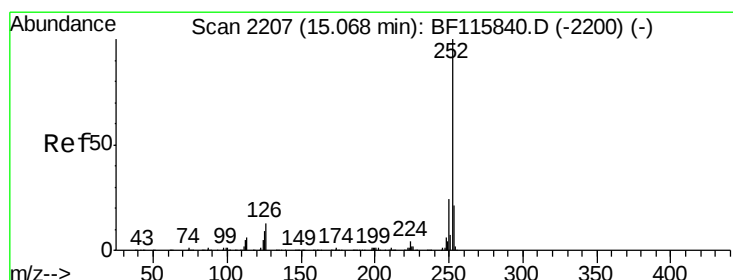
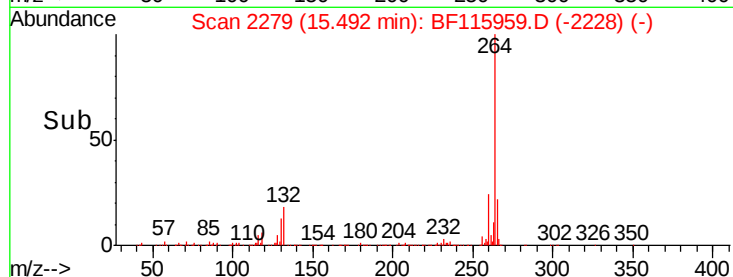
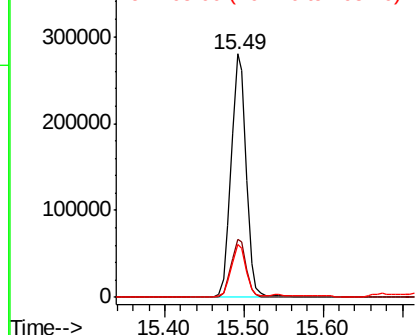


Abundance

Ion 264.00 (263.70 to 264.70): E

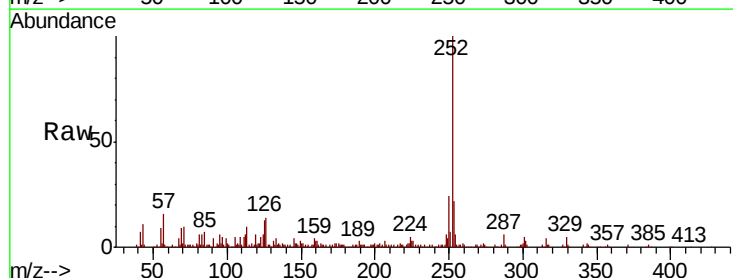
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 9.577 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115959.D
Acq: 2 Aug 2019 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	13.0	7.4	11.0

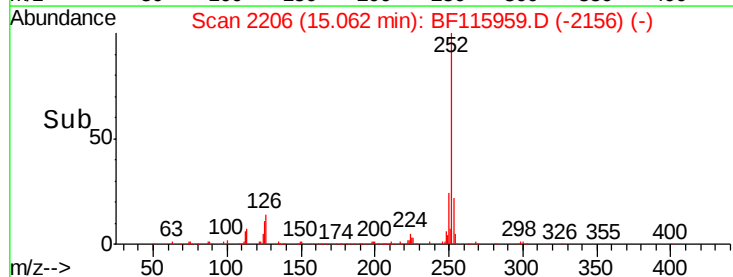
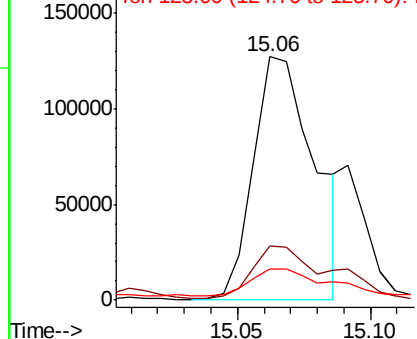


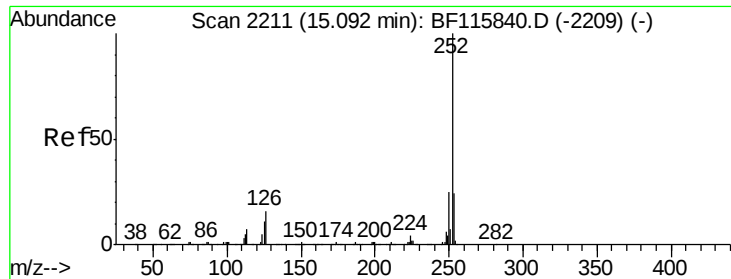
Abundance

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: 2.414 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BF115959.D

Acq: 2 Aug 2019 20:57

Instrument :

BNA_F

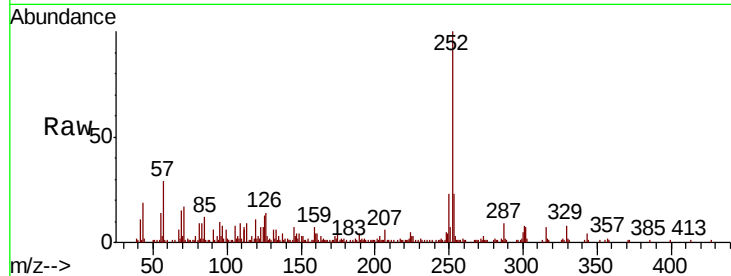
ClientSampleId :

2S-E1-E4-(0-1)COMP

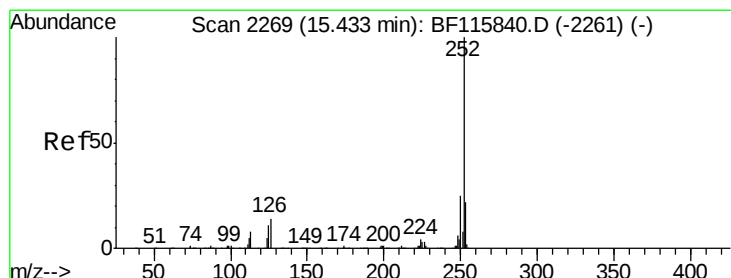
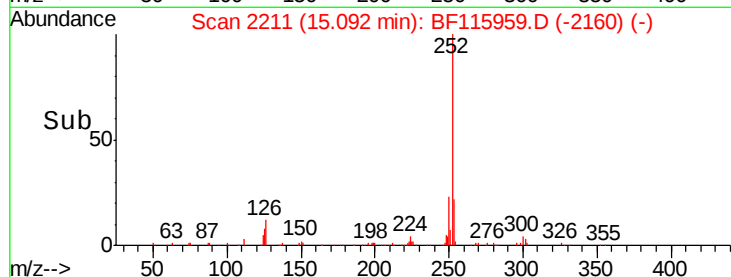
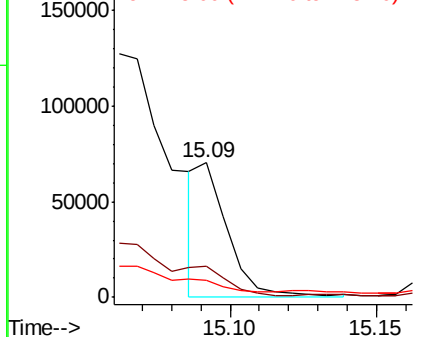
Tot Ion:	252	Resp:	50157
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.4
125	12.7	8.9	13.3

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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



#90

Benzo(a)pyrene

Concen: 7.051 ng

RT: 15.43 min Scan# 2269

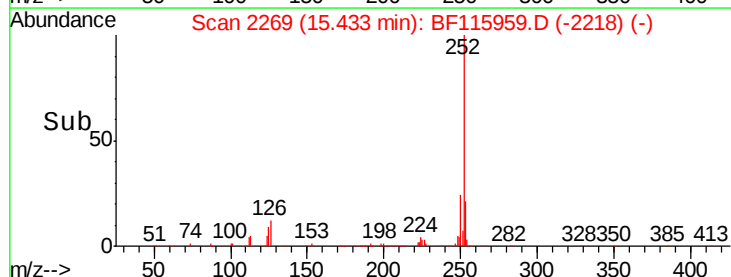
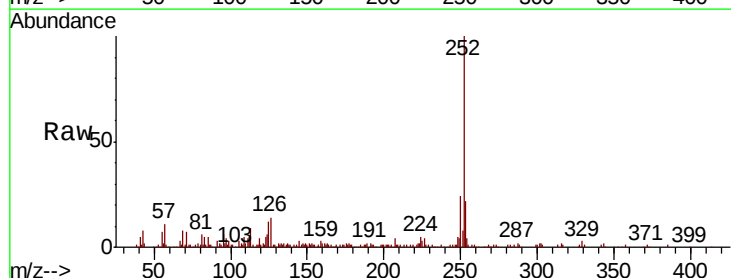
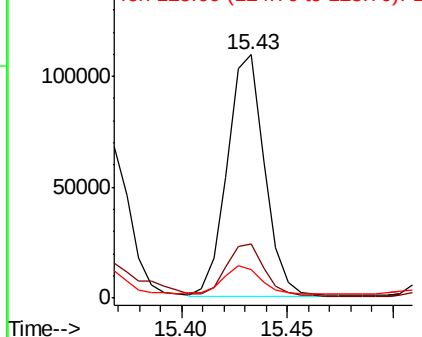
Delta R.T. -0.00 min

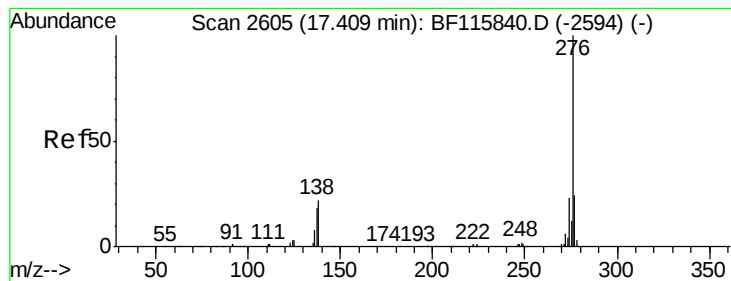
Lab File: BF115959.D

Acq: 2 Aug 2019 20:57

Tgt Ion:	252	Resp:	134460
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	11.9	8.8	13.2

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





#92

Benzo(a,h,i)perylene

Concen: 5.202 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.01 min

Lab File: BF115959.D

Acq: 2 Aug 2019 20:57

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

Tot Ion:	276	Resp:	84323
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.5	29.3
138	22.8	17.8	26.8

Manual Integrations
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