

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113919.D
 Acq On : 23 Apr 2019 14:47
 Operator : JU/SJ
 Sample : K2532-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Manual Integrations
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 4/25/2019 6:02:23 PM

Quant Time: Apr 25 08:01:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142312	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	541458	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	283476	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	534231	20.00	ng	0.00
76) Chrysene-d12	14.06	240	343025	20.00	ng	-0.01
87) Perylene-d12	15.54	264	410685	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	961987	115.61	ng	0.01
7) Phenol-d6	6.53	99	1251331	119.87	ng	0.00
23) Nitrobenzene-d5	7.46	82	771264	87.95	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	405603	117.45	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1519911	83.86	ng	0.00
79) Terphenyl-d14	13.00	244	1570562	93.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.64	163	211635	10.323	ng	98
75) Fluoranthene	12.63	202	129881	4.434	ng	96
78) Pyrene	12.86	202	104959	4.375	ng	96
81) Benzo(a)anthracene	14.04	228	54422	2.693	ng	99
83) Chrysene	14.08	228	61817	3.141	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	35821	2.983	ng	98
86) Indeno(1,2,3-cd)pyrene	17.03	276	51446	2.759	ng	95
88) Benzo(b)fluoranthene	15.11	252	91103m	3.506	ng	
90) Benzo(a)pyrene	15.48	252	62109	2.764	ng	99
92) Benzo(g,h,i)perylene	17.47	276	47044	2.210	ng	97

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

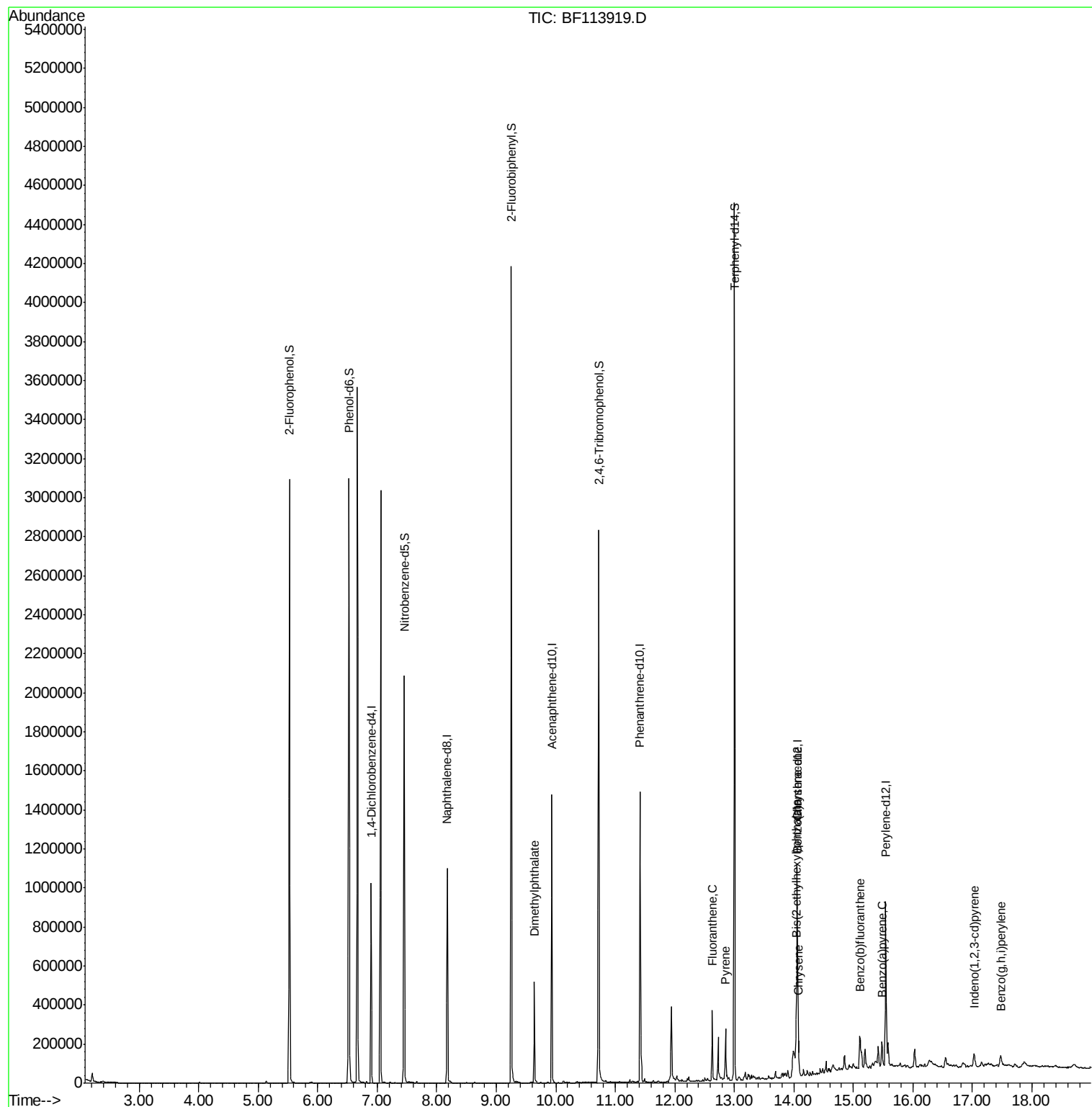
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113919.D
Acq On : 23 Apr 2019 14:47
Operator : JU/SJ
Sample : K2532-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

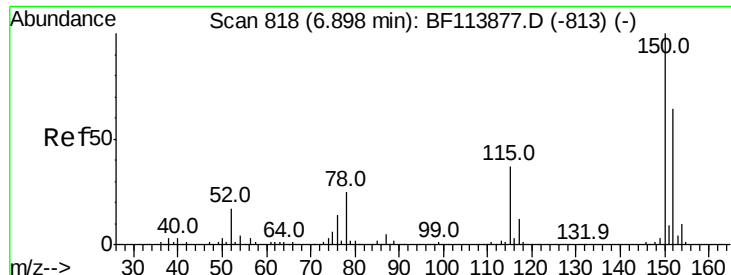
Instrument :
BNA_F
ClientSampled :
TP-14

Quant Time: Apr 25 08:01:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
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#1

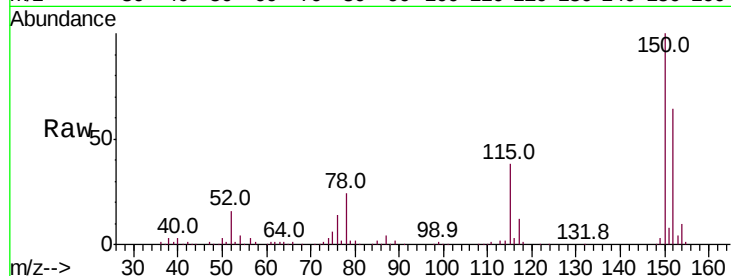
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Instrument :
BNA_F
ClientSampled :
TP-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	58.9	45.9	68.9

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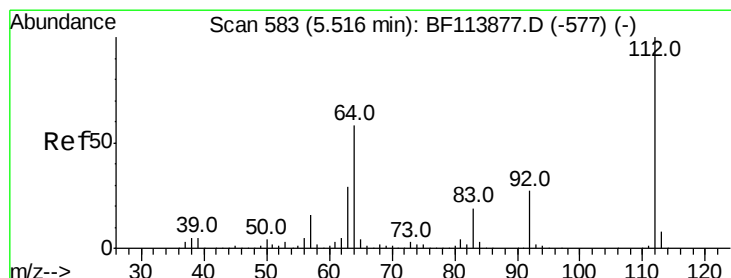
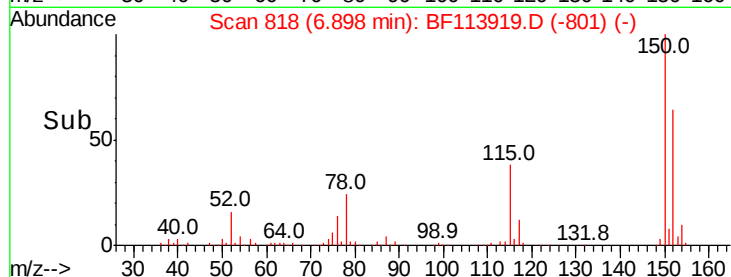
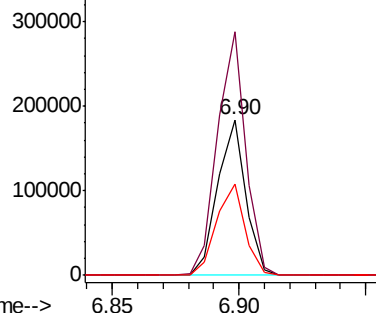


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

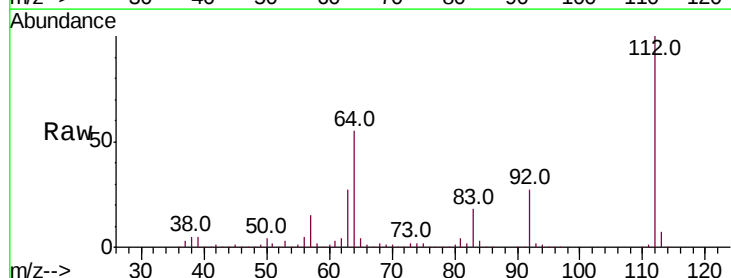
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.615 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.6	69.8
63	27.5	23.1	34.7

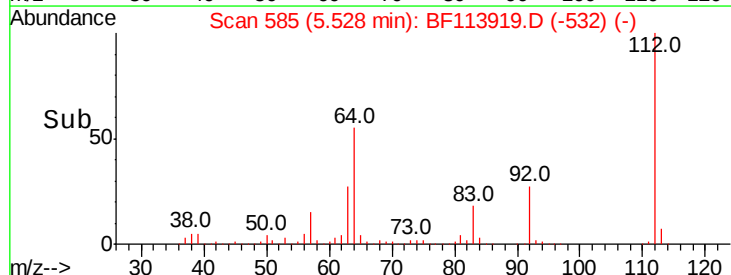
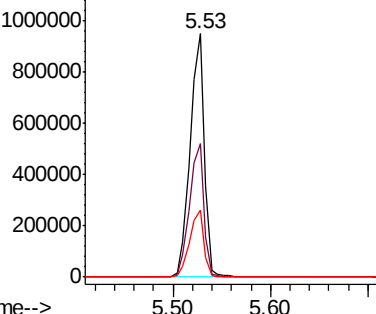


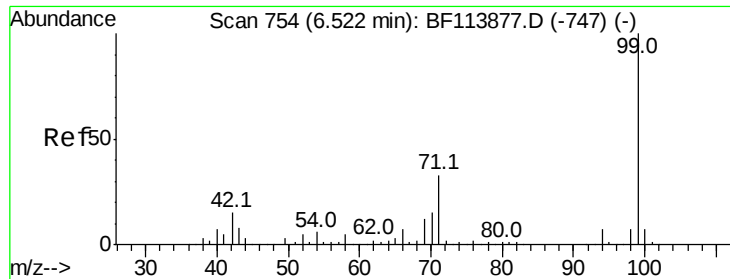
Abundance

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: 119.869 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Instrument :

BNA_F

ClientSampled :

TP-14

Tot Ion: 99 Resp: 1251331

Ion Ratio Lower Upper

99 100

42 15.3 12.5 18.7

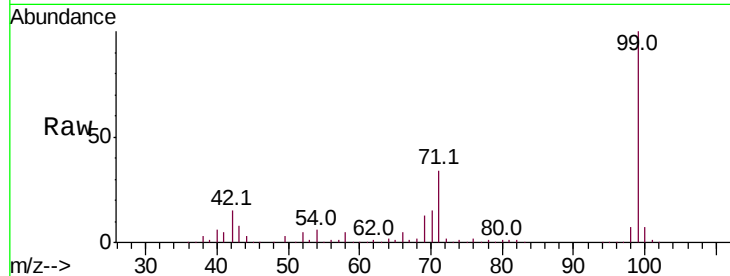
71 34.1 26.9 40.3

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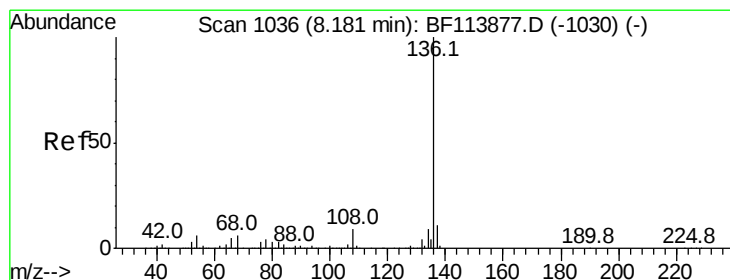
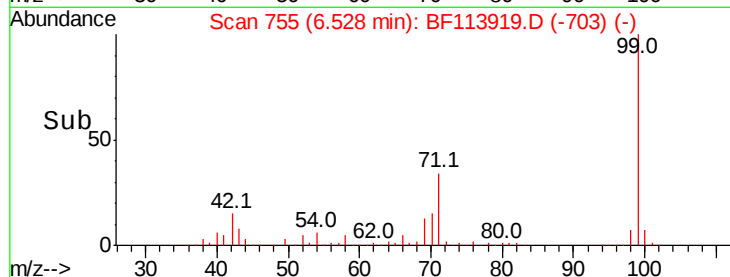
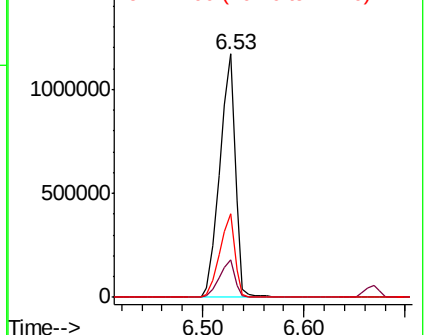
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Tgt Ion: 136 Resp: 541458

Ion Ratio Lower Upper

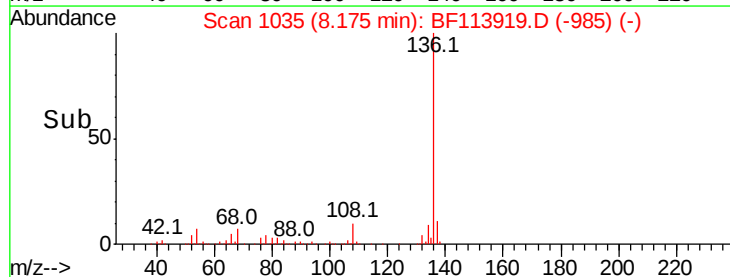
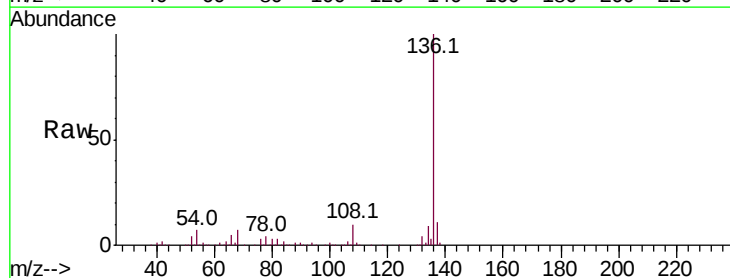
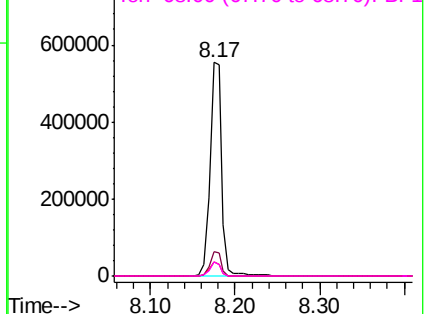
136 100

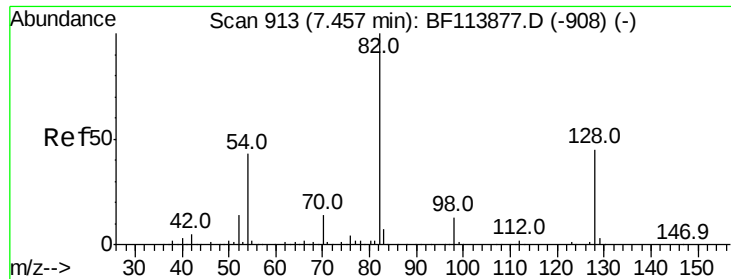
137 11.5 8.6 12.8

54 6.7 5.0 7.6

68 6.8 4.9 7.3

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





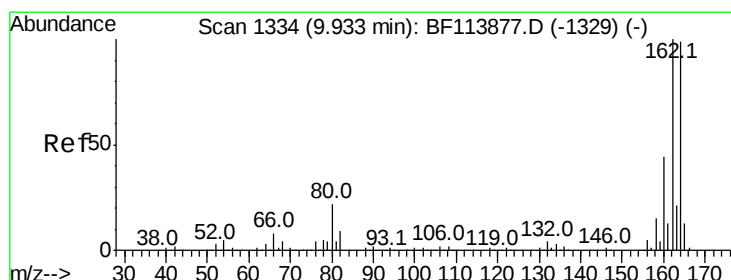
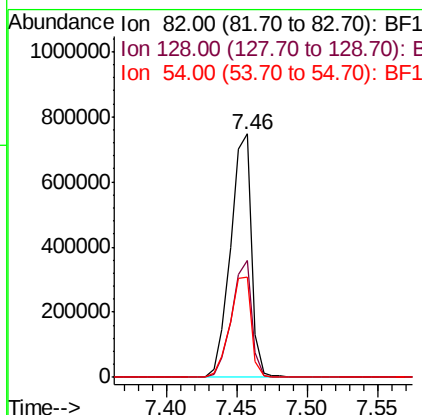
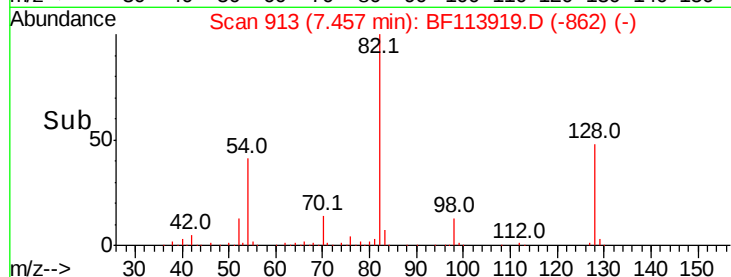
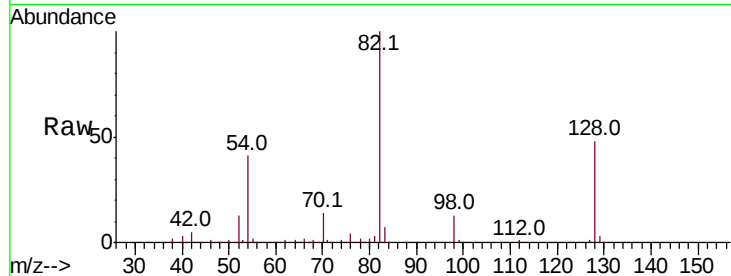
#23
Nitrobenzene-d5
Concen: 87.949 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Instrument :
BNA_F
ClientSampled :
TP-14

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.8	55.2
54	41.4	33.8	50.6

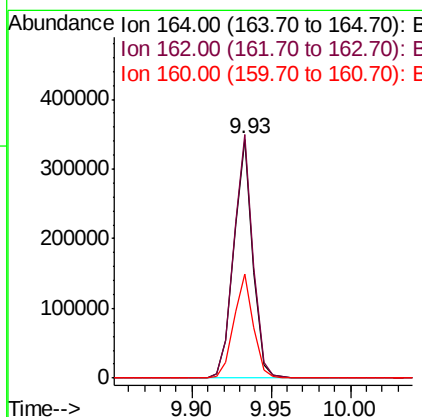
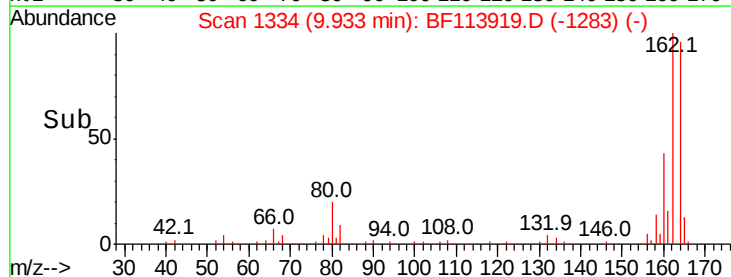
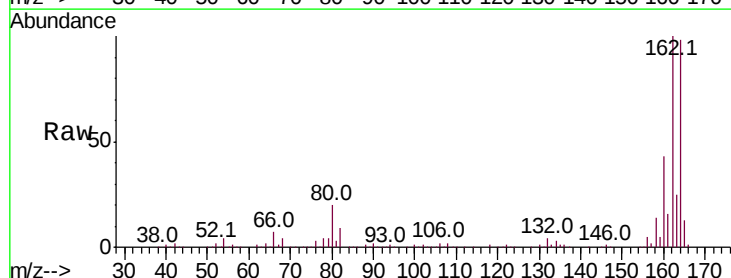
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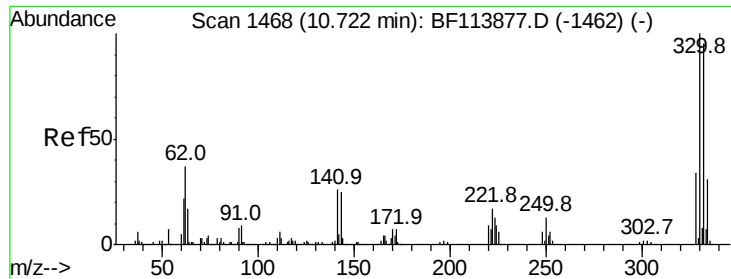
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.1	121.7
160	43.6	35.8	53.6





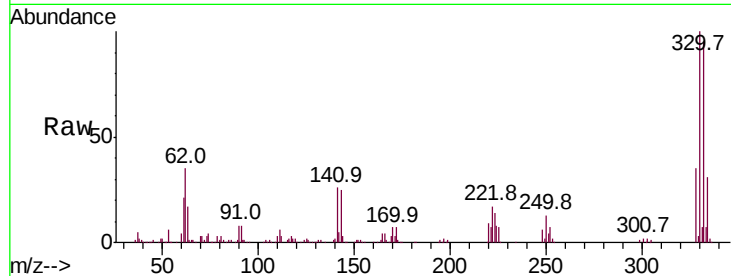
#42
 2,4,6-Tribromophenol
 Concen: 117.453 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF113919.D
 Acq: 23 Apr 2019 14:47

Instrument :
 BNA_F
 ClientSampled :
 TP-14

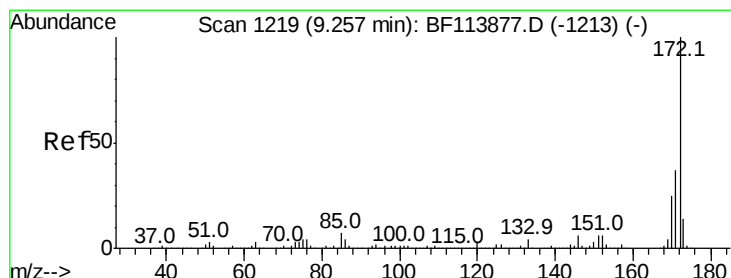
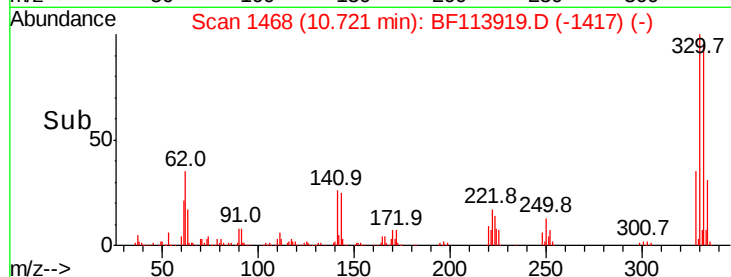
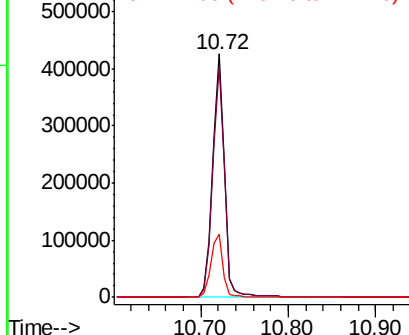
Tot Ion	Ratio	Resp	Lower	Upper
330	100	405603		
332	95.5	77.5	116.3	
141	26.7	22.2	33.2	

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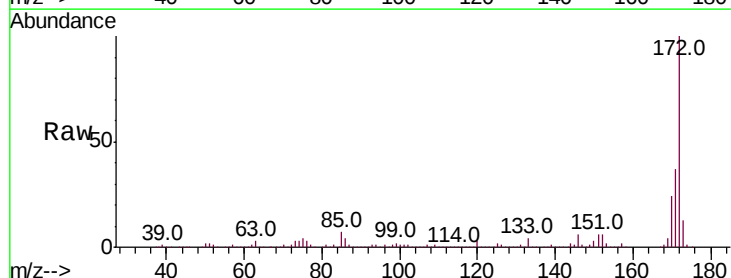


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

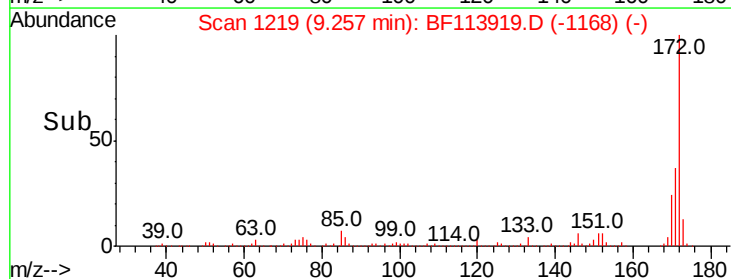
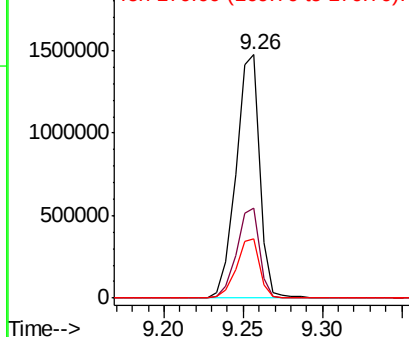


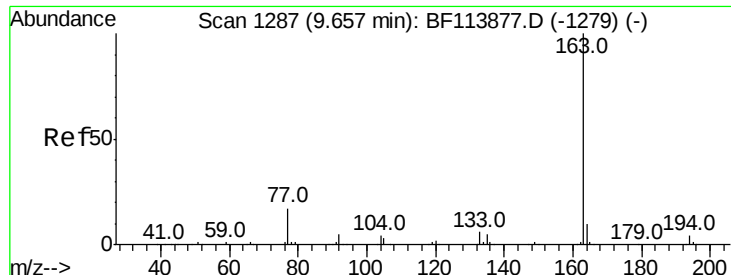
#45
 2-Fluorobiphenyl
 Concen: 83.858 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113919.D
 Acq: 23 Apr 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1519911		
171	36.8	29.4	44.0	
170	24.4	19.9	29.9	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





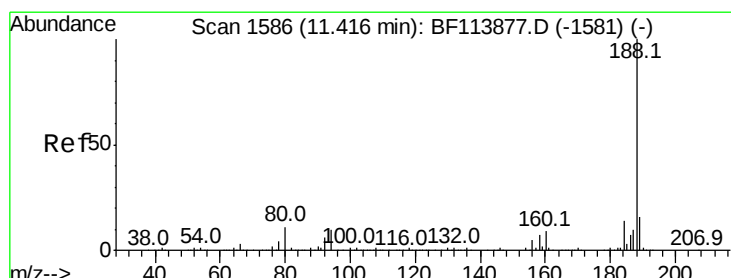
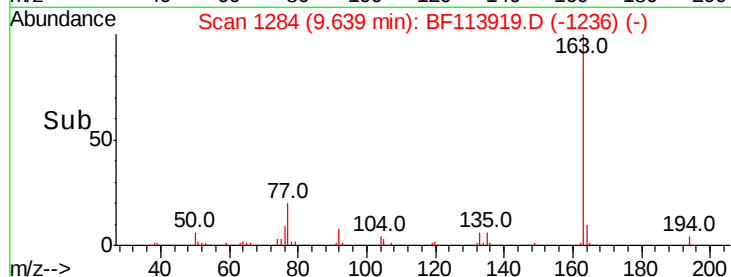
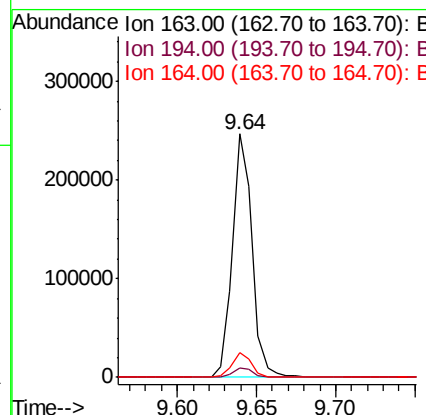
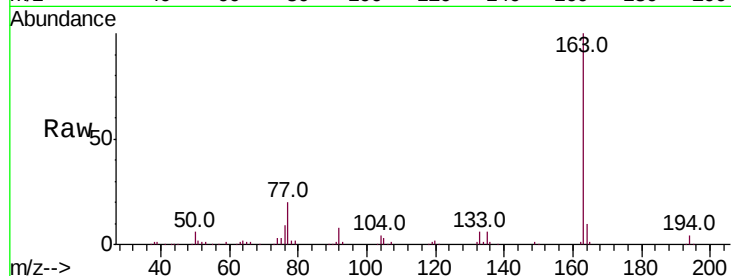
#50
Dimethylphthalate
Concen: 10.323 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Instrument :
BNA_F
ClientSampleId :
TP-14

Tot Ion	Ratio	Resp	Lower	Upper
163	100	211635		
194	3.8		3.4	5.2
164	9.9		8.5	12.7

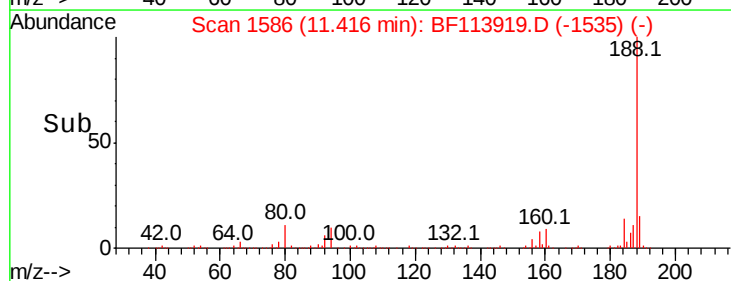
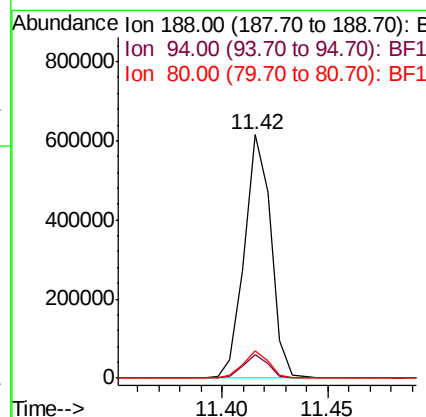
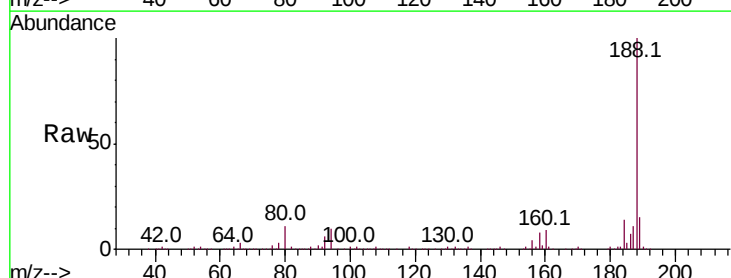
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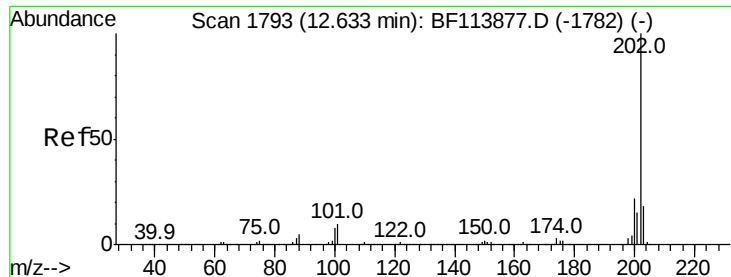
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	534231		
94	9.8		8.2	12.4
80	11.2		9.0	13.6





#75

Fluoranthene

Concen: 4.434 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Instrument :

BNA_F

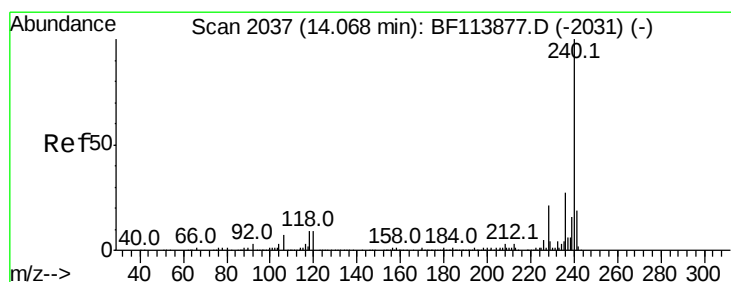
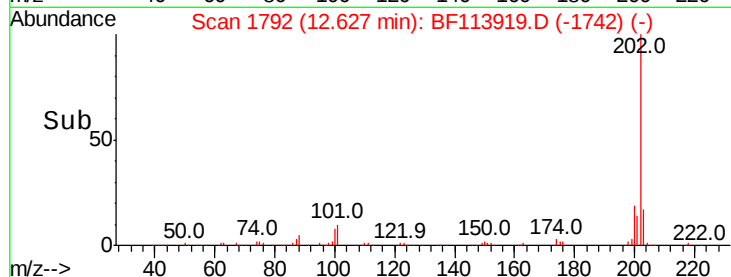
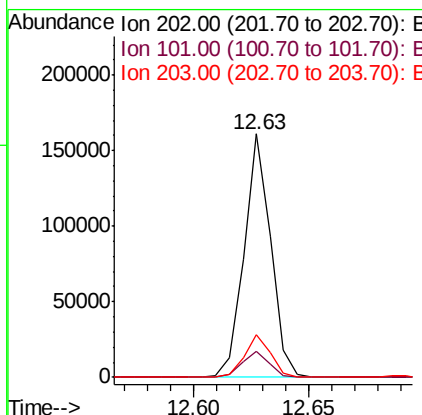
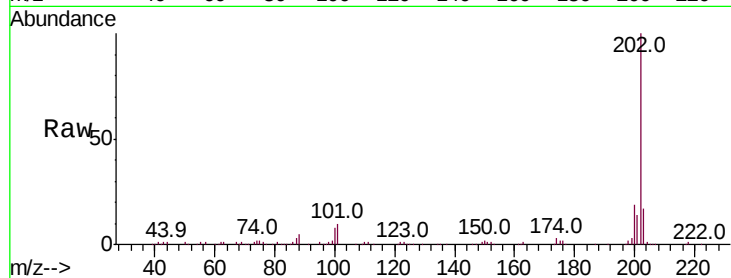
ClientSampleId :

TP-14

Tot Ion	Ratio	Resp	Lower	Upper
202	100	129881		
101	10.5	0.0	32.9	
203	17.5	0.0	38.2	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

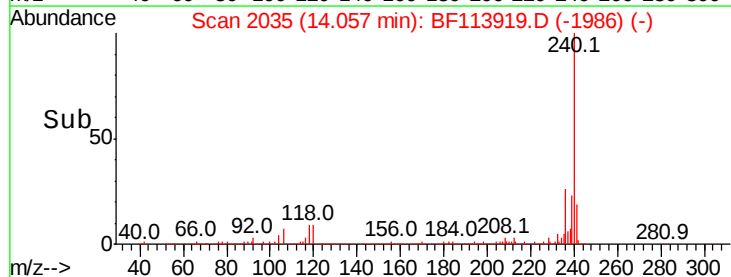
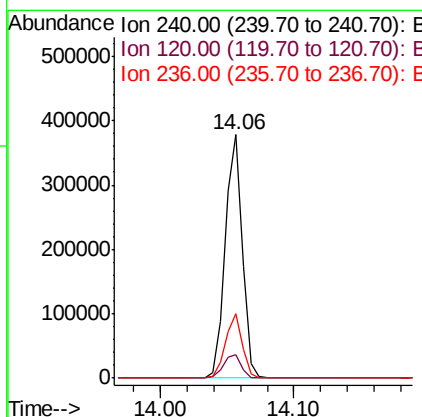
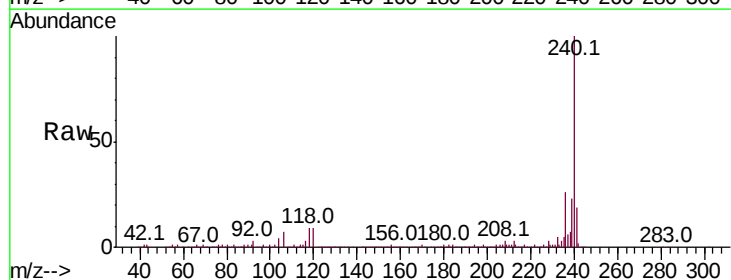
RT: 14.06 min Scan# 2035

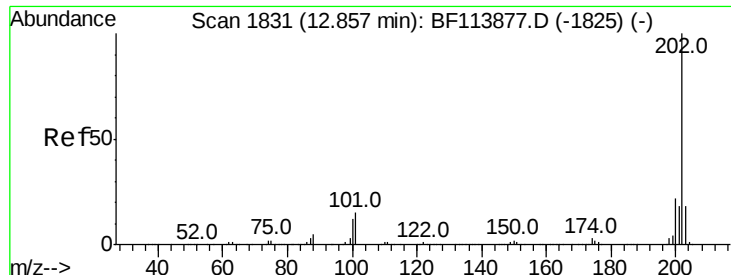
Delta R.T. -0.01 min

Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	343025		
120	9.4	9.3	13.9	
236	26.3	21.2	31.8	





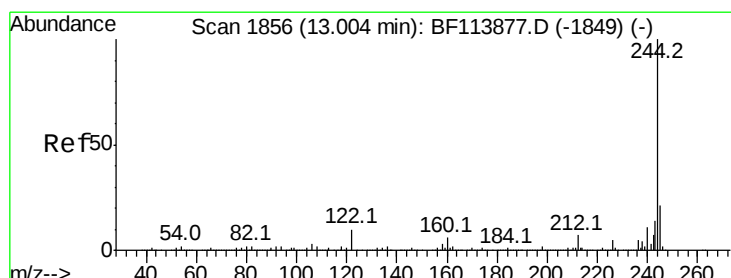
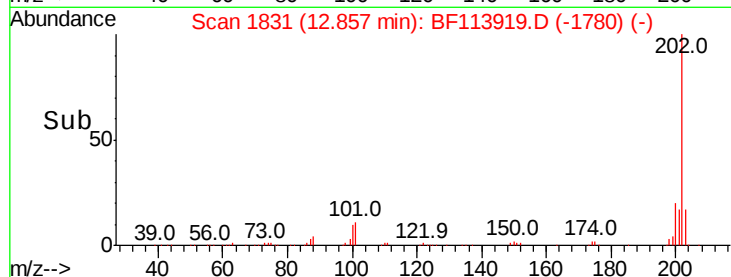
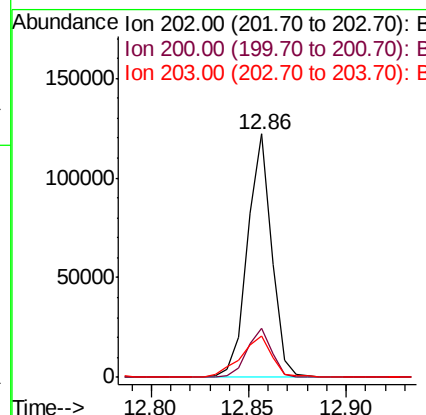
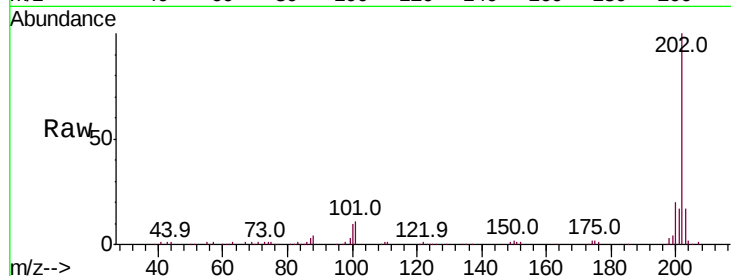
#78
Pvrene
Concen: 4.375 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Instrument :
BNA_F
ClientSampleId :
TP-14

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.7	26.5
203	17.2	15.0	22.6

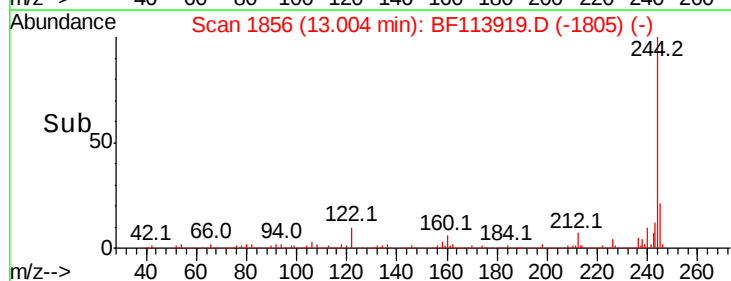
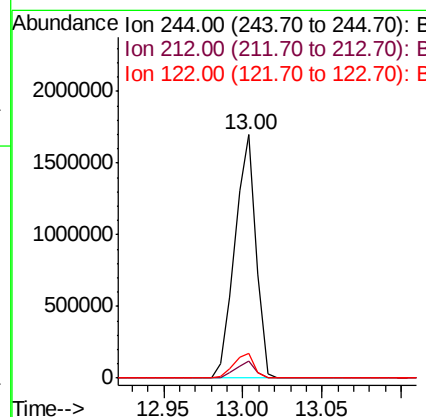
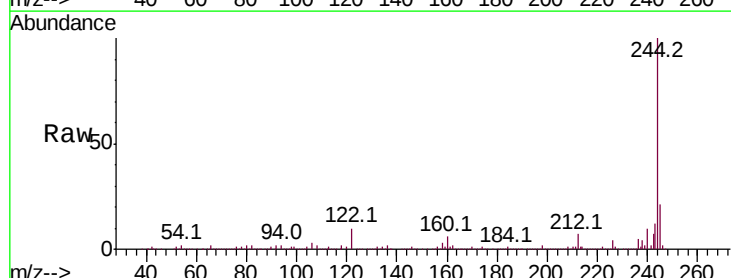
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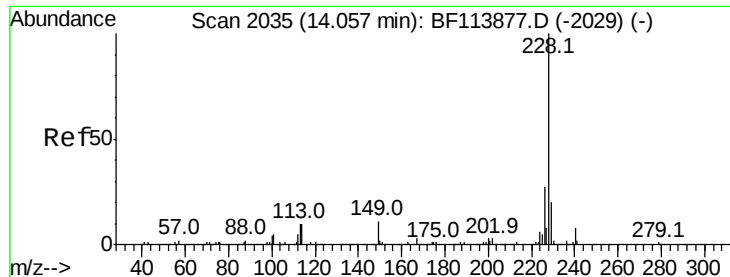
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4/25/2019 6:02:23 PM



#79
Terphenyl-d14
Concen: 93.867 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.1	7.6	11.4





#81

Benzo(a)anthracene

Concen: 2.693 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Instrument :

BNA_F

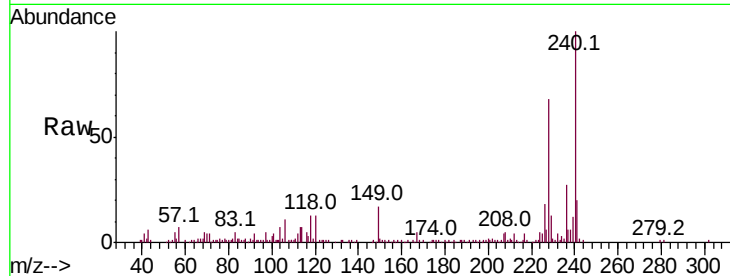
ClientSampleId :

TP-14

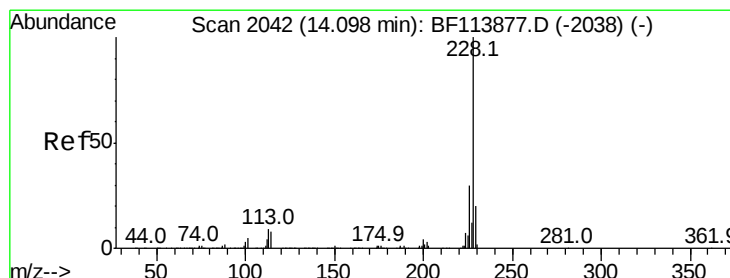
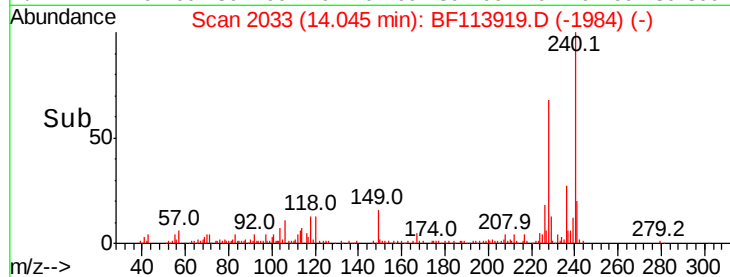
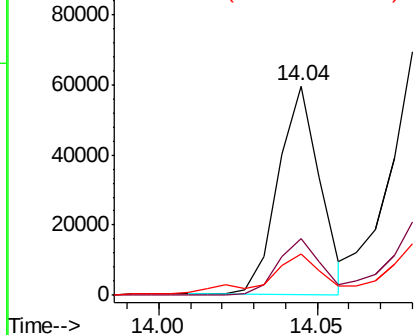
Tot Ion:	228	Resp:	54422
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.2	33.2
229	19.8	16.0	24.0

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4/25/2019 6:02:23 PM



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: 3.141 ng

RT: 14.08 min Scan# 2039

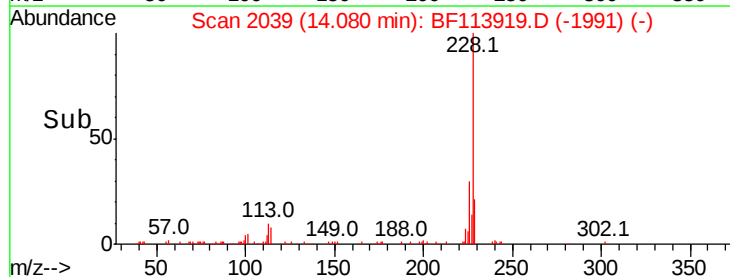
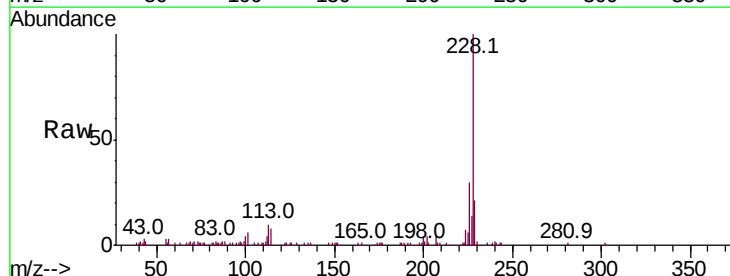
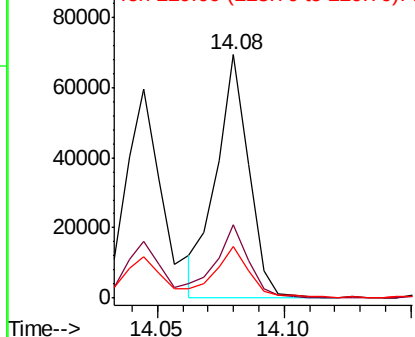
Delta R.T. -0.02 min

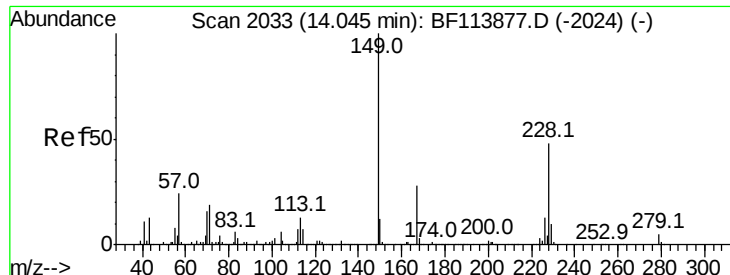
Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Tgt Ion:	228	Resp:	61817
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.2	37.8
229	21.3	16.7	25.1

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.983 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Instrument :

BNA_F

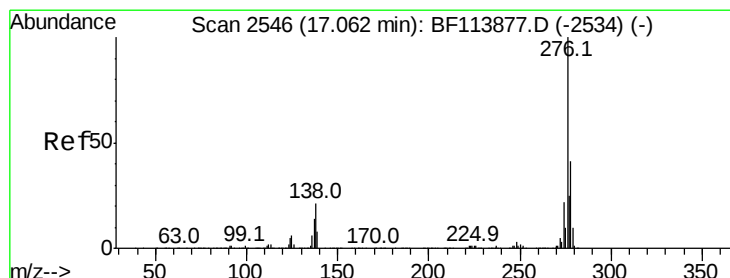
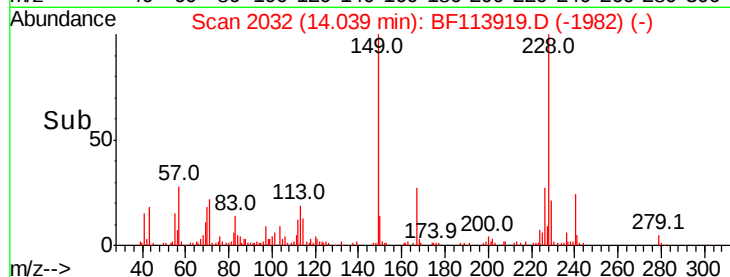
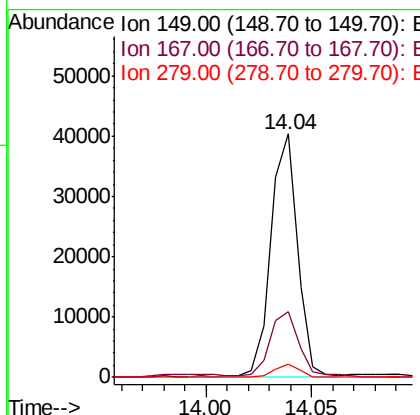
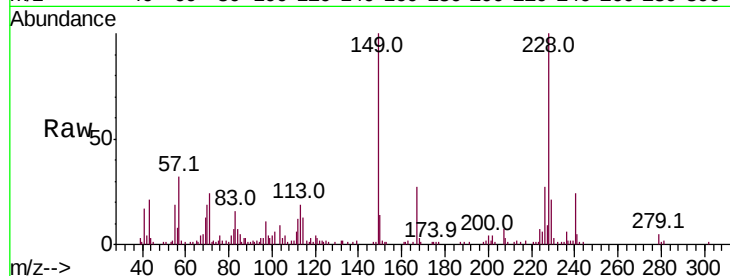
ClientSampled :

TP-14

Tot Ion:	149	Resp:	35821
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.9	34.3
279	5.4	4.2	6.2

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4/25/2019 6:02:23 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.759 ng

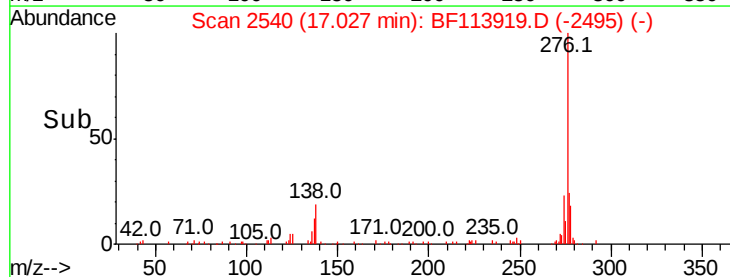
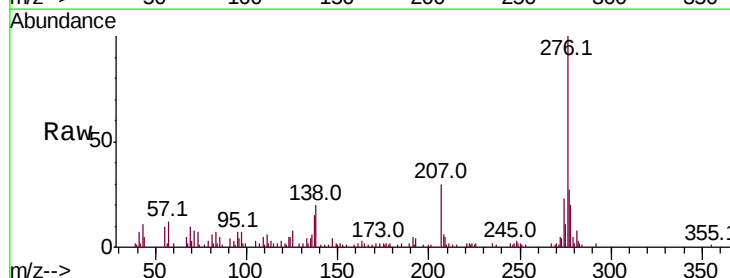
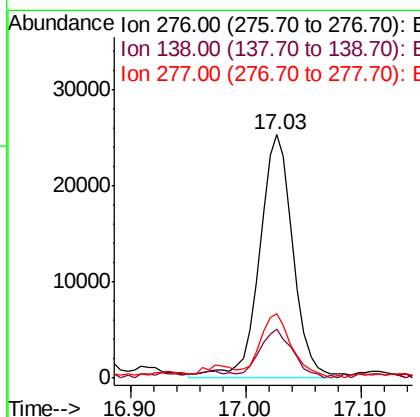
RT: 17.03 min Scan# 2540

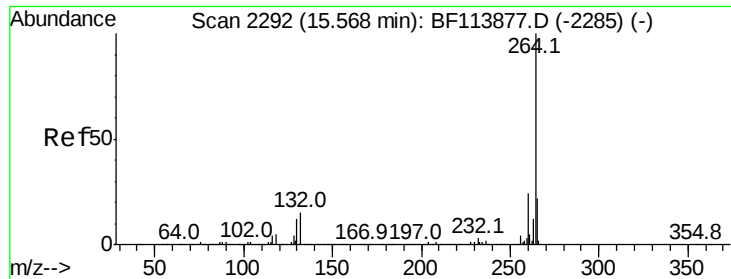
Delta R.T. -0.04 min

Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Tgt Ion:	276	Resp:	51446
Ion Ratio	Lower	Upper	
276	100		
138	19.9	19.6	29.4
277	25.5	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Instrument :

BNA_F

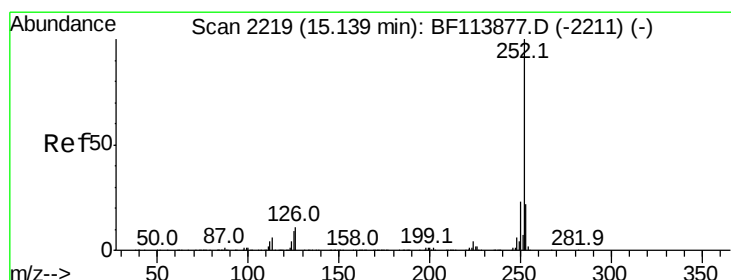
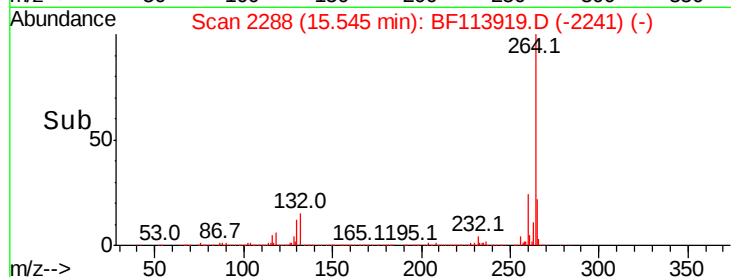
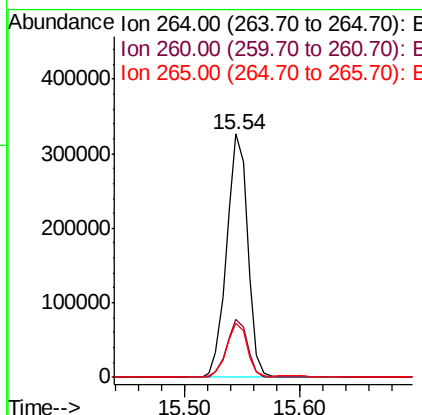
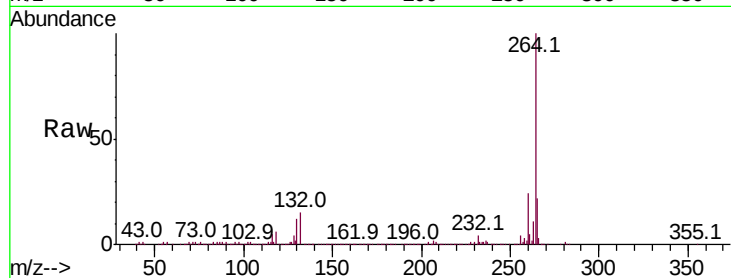
ClientSampleId :

TP-14

Tot Ion:	264	Resp:	410685
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	22.1	17.3	25.9

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4/25/2019 6:02:23 PM



#88

Benzo(b)fluoranthene

Concen: 3.506 ng m

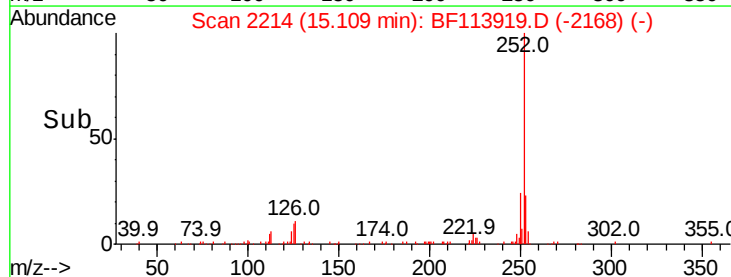
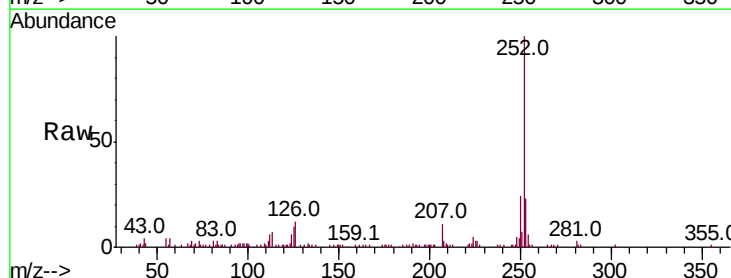
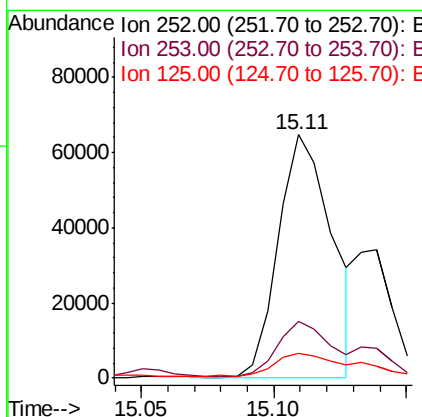
RT: 15.11 min Scan# 2214

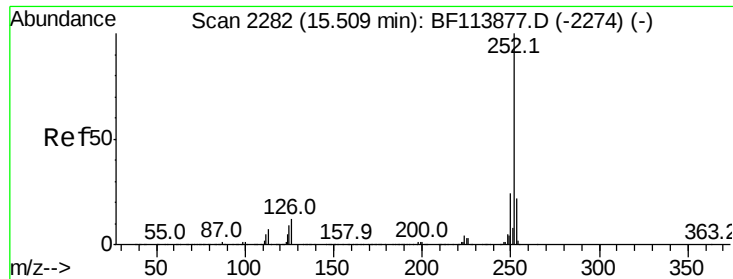
Delta R.T. -0.03 min

Lab File: BF113919.D

Acq: 23 Apr 2019 14:47

Tgt Ion:	252	Resp:	91103
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	10.3	7.0	10.6





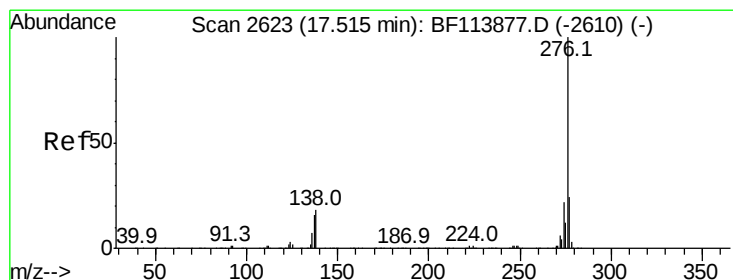
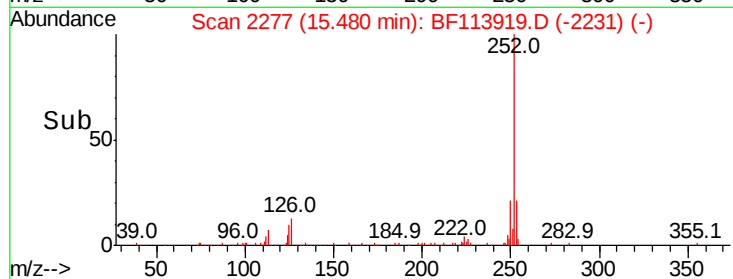
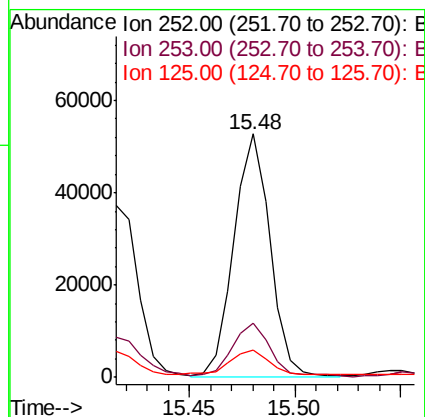
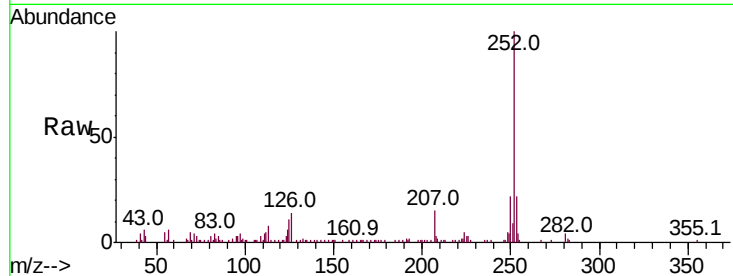
#90
Benzo(a)pyrene
Concen: 2.764 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Instrument :
BNA_F
ClientSampled :
TP-14

Tot Ion:	252	Resp:	62109
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	11.1	8.5	12.7

Manual Integrations
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4/25/2019 6:02:23 PM



#92
Benzo(g,h,i)perylene
Concen: 2.210 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF113919.D
Acq: 23 Apr 2019 14:47

Tgt Ion:	276	Resp:	47044
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.0	28.4
138	19.0	16.6	25.0

