

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116808.D
 Acq On : 4 Sep 2019 11:57
 Operator : HP/JU
 Sample : K4643-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T11-B1-B4-(0-4)

Manual Integrations
 APPROVED

mohammad
 9/9/2019 9:55:34 AM

Quant Time: Sep 05 03:08:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55541	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	214345	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	109974	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	178254	20.00	ng	0.00
76) Chrysene-d12	14.00	240	151174	20.00	ng	0.00
87) Perylene-d12	15.44	264	142186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	413103	120.50	ng	0.00
7) Phenol-d6	6.47	99	558068	123.97	ng	0.00
23) Nitrobenzene-d5	7.40	82	341339	90.91	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	118307	160.92	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	580040	88.97	ng	-0.01
79) Terphenyl-d14	12.95	244	597851	73.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	57516	7.575	ng	98
75) Fluoranthene	12.57	202	41916	4.298	ng	86
78) Pyrene	12.80	202	36611	2.724	ng	# 88
83) Chrysene	14.02	228	23135	2.347	ng	# 92
84) Bis(2-ethylhexyl)phthalate	13.97	149	16823	2.085	ng	97
88) Benzo(b)fluoranthene	15.02	252	27953m	3.252	ng	
90) Benzo(a)pyrene	15.38	252	16551	2.213	ng	# 94

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

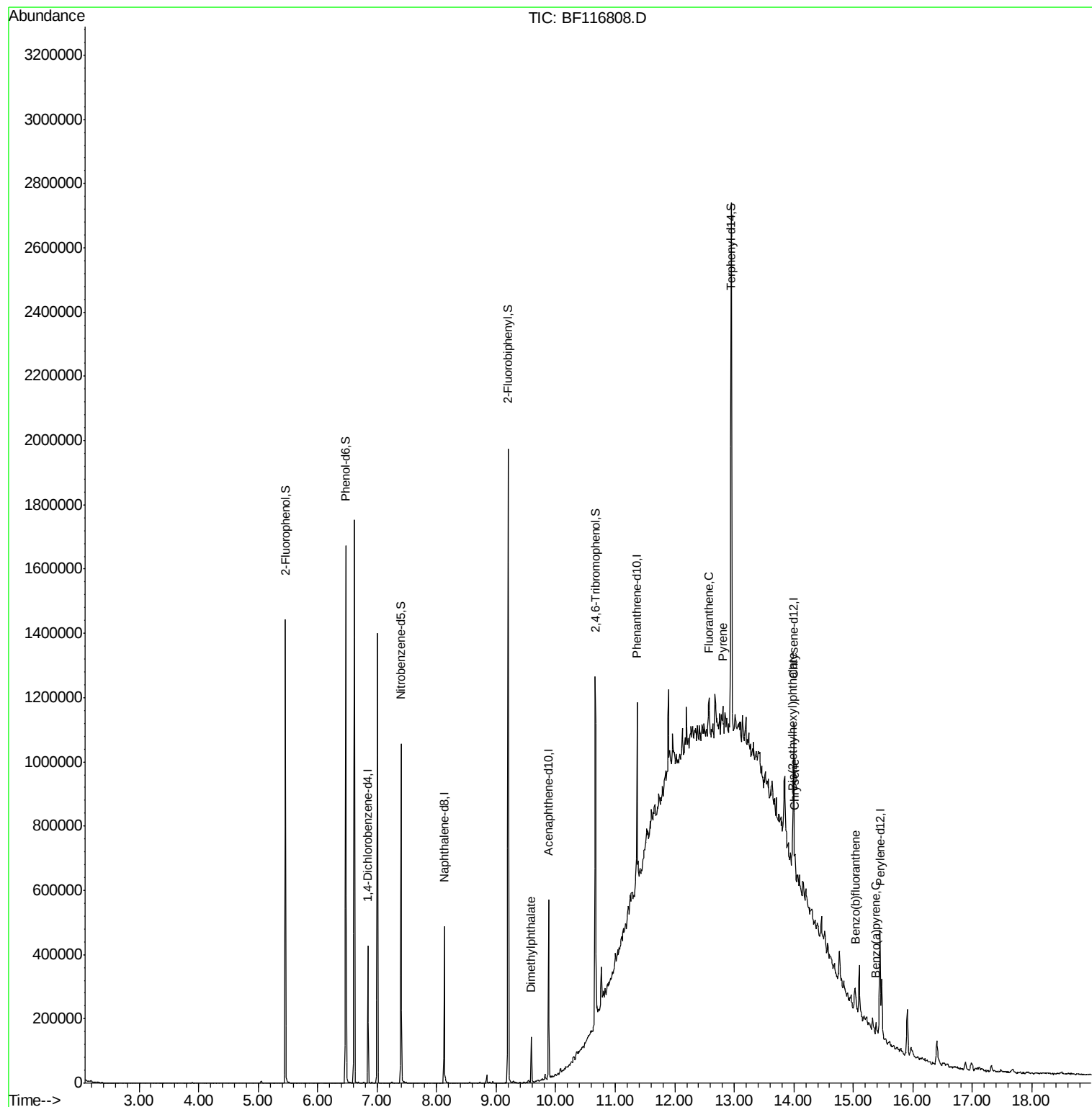
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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#1

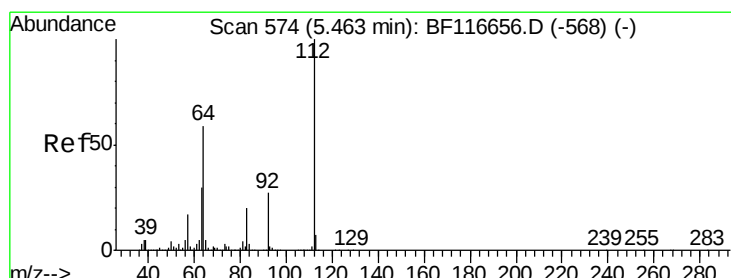
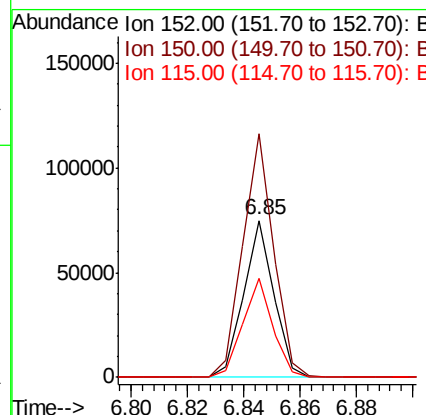
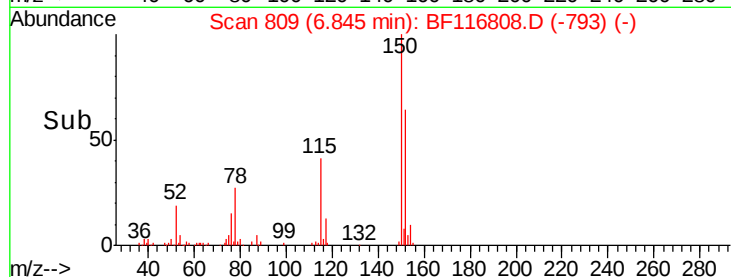
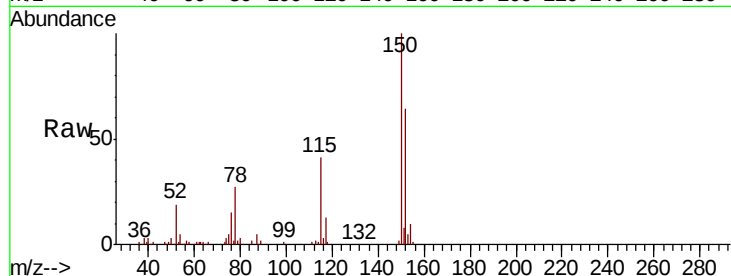
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116808.D
Acq: 4 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
T11-B1-B4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.4	186.6
115	63.3	49.9	74.9

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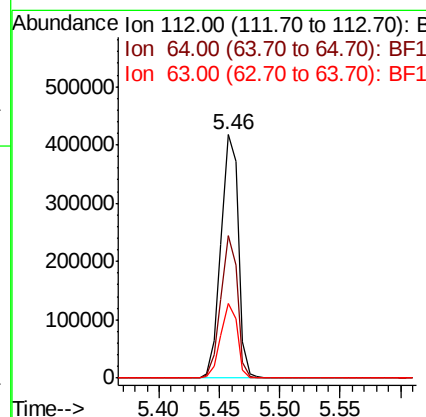
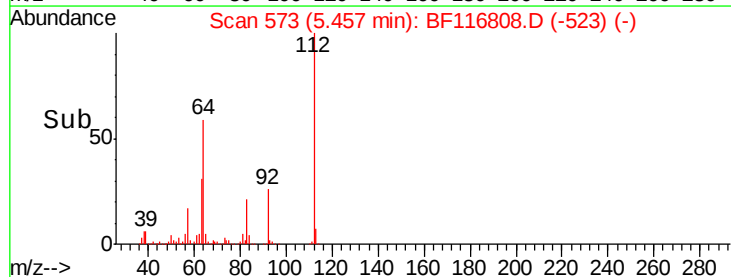
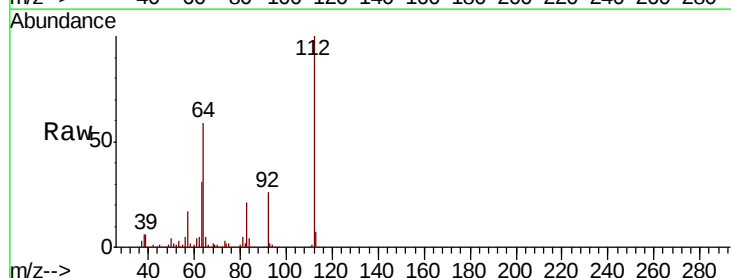
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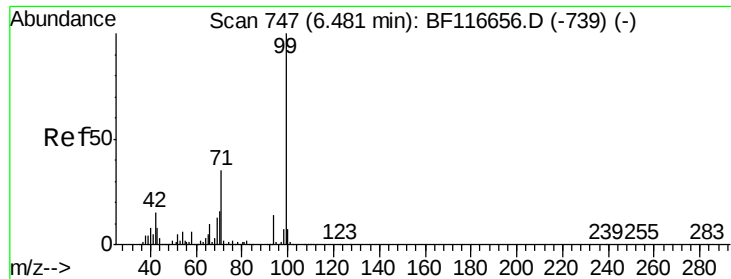


#5

2-Fluorophenol
Concen: 120.497 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116808.D
Acq: 4 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.1	70.7
63	30.9	24.9	37.3





#7

Phenol-d6

Concen: 123.966 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116808.D

Acq: 4 Sep 2019 11:57

Instrument :

BNA_F

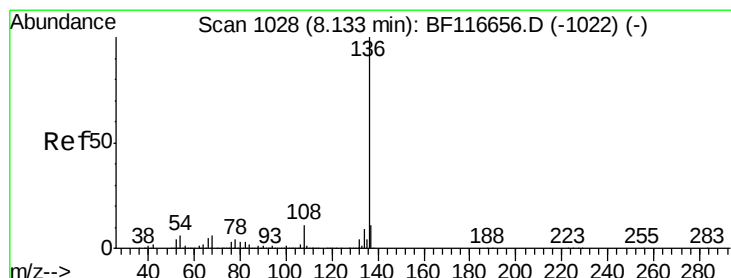
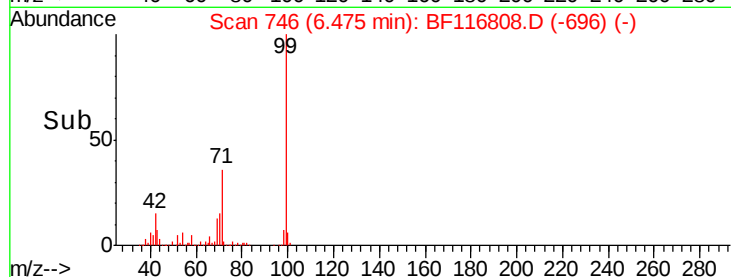
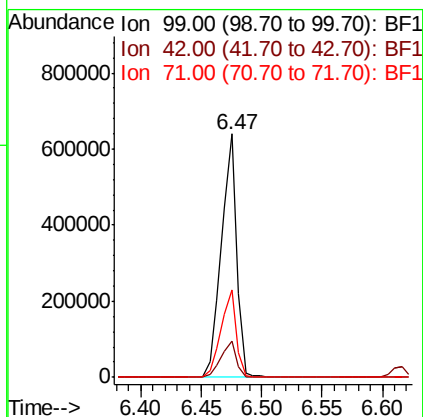
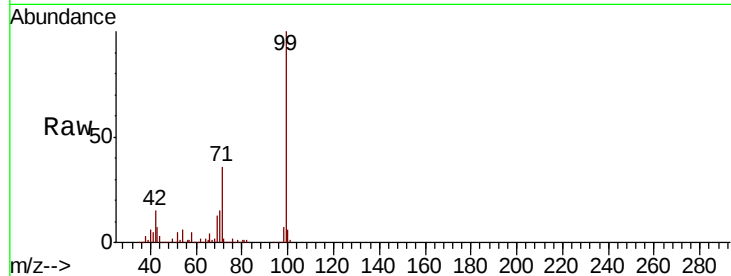
ClientSampleId :

T11-B1-B4-(0-4)

Tot Ion:	99	Resp:	558068
Ion Ratio	Lower	Upper	
99	100		
42	14.9	13.7	20.5
71	35.7	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

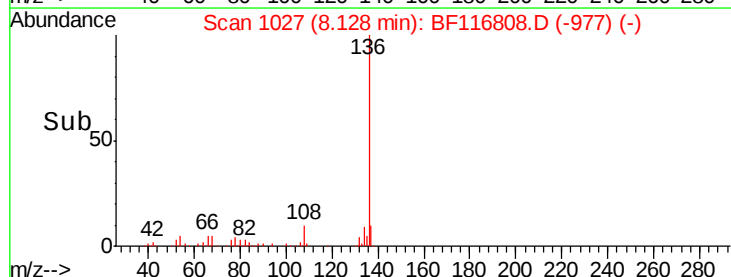
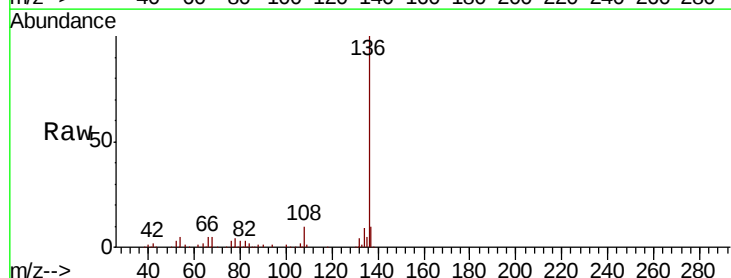
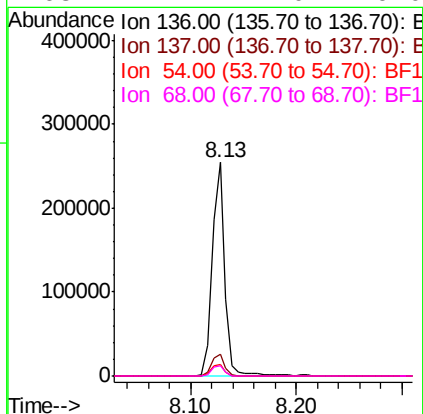
RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116808.D

Acq: 4 Sep 2019 11:57

Tgt Ion:	136	Resp:	214345
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	5.2	4.8	7.2
68	4.7	4.0	6.0





#23

Nitrobenzene-d5

Concen: 90.910 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116808.D

Acq: 4 Sep 2019 11:57

Instrument :

BNA_F

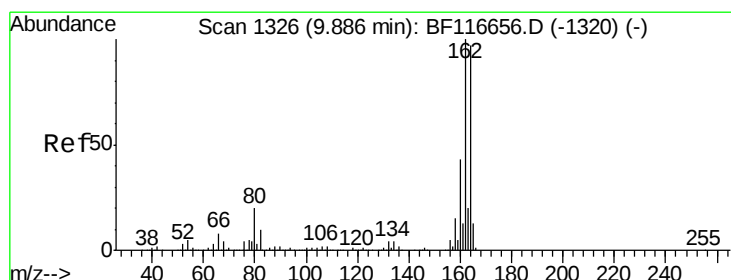
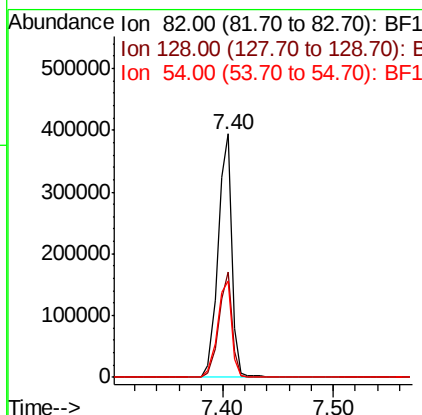
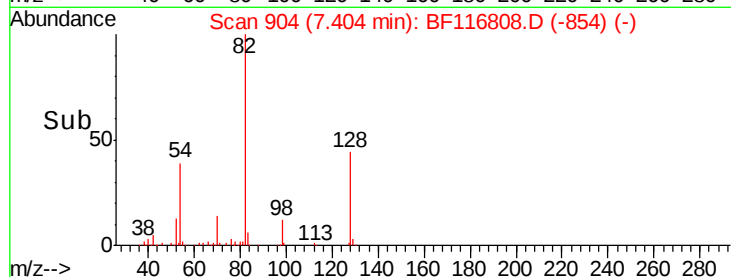
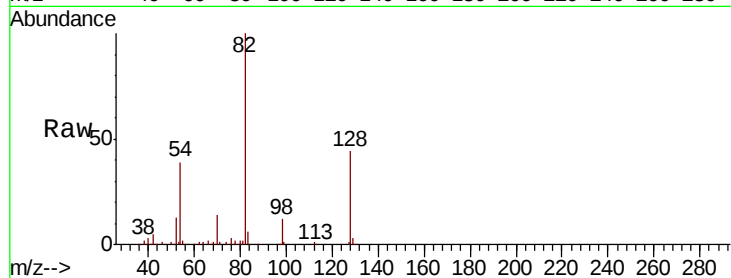
ClientSampleId :

T11-B1-B4-(0-4)

Tot Ion	82	Resp	341339
Ion Ratio	Lower	Upper	
82	100		
128	43.5	32.8	49.2
54	39.3	36.9	55.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

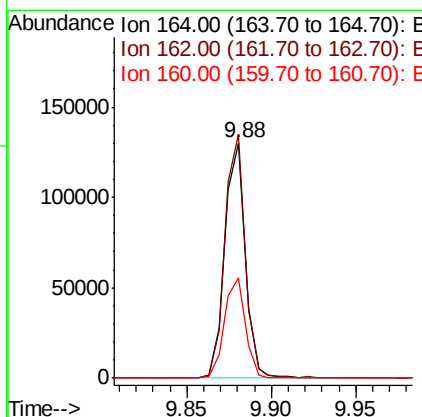
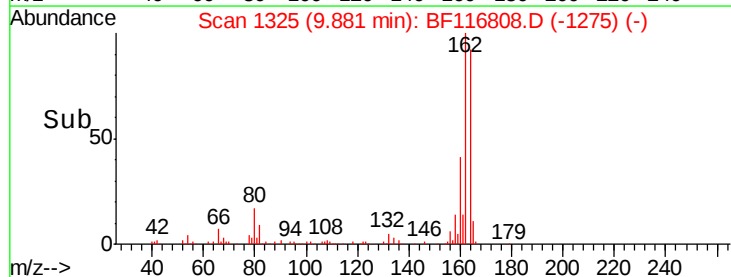
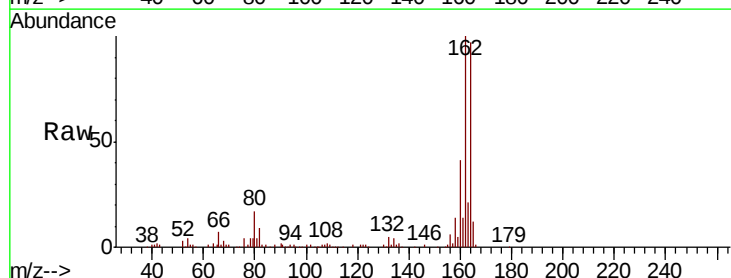
RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116808.D

Acq: 4 Sep 2019 11:57

Tgt Ion	164	Resp	109974
Ion Ratio	Lower	Upper	
164	100		
162	103.5	81.4	122.0
160	42.8	35.4	53.2





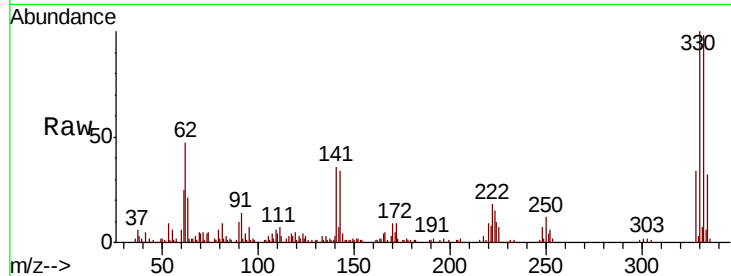
#42
 2,4,6-Tribromophenol
 Concen: 160.918 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116808.D
 Acq: 4 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :
 T11-B1-B4-(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	118307		
332	94.9	76.9	115.3	
141	45.3	31.4	47.2	

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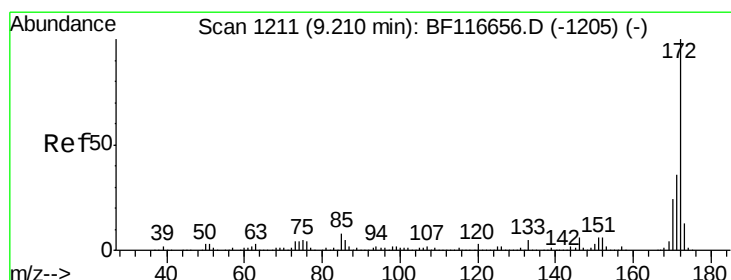
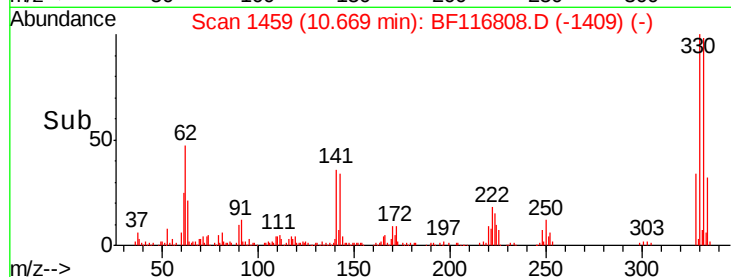
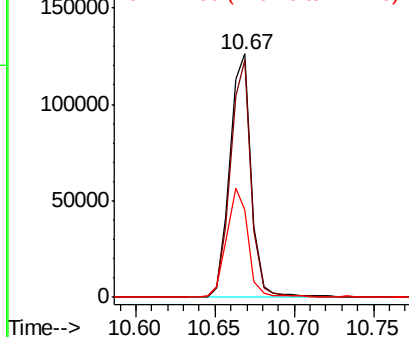


Abundance

Ion 329.80 (329.50 to 330.50): E

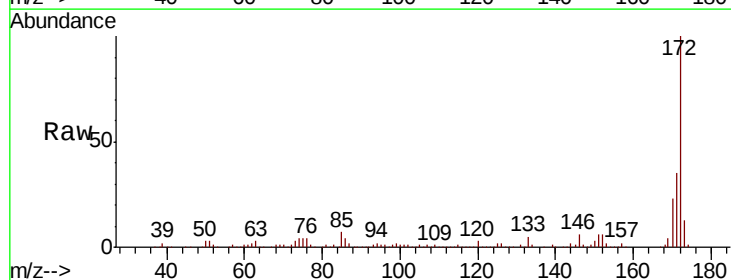
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.973 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116808.D
 Acq: 4 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	580040		
171	35.1	27.8	41.6	
170	23.1	18.9	28.3	

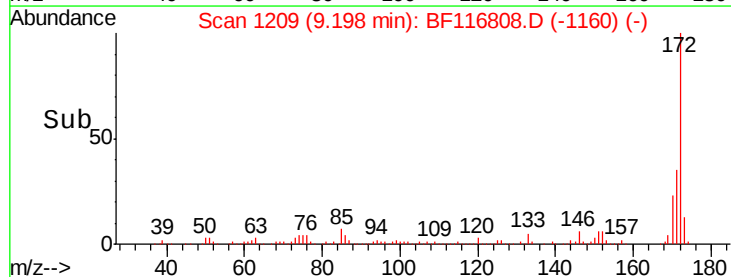
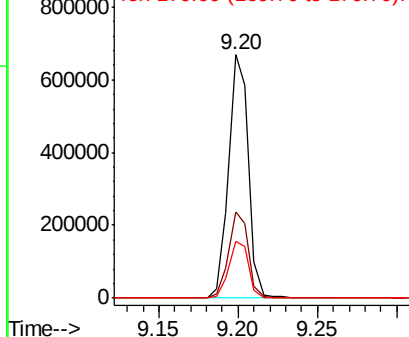


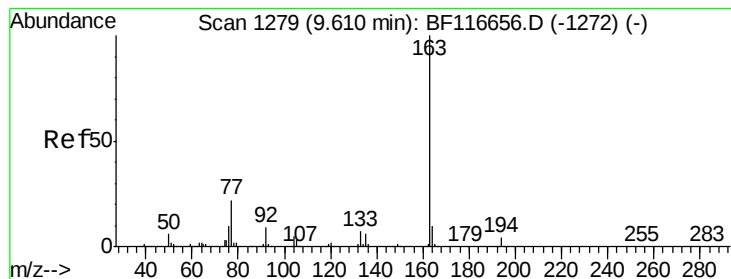
Abundance

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: 7.575 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116808.D

Acq: 4 Sep 2019 11:57

Instrument :

BNA_F

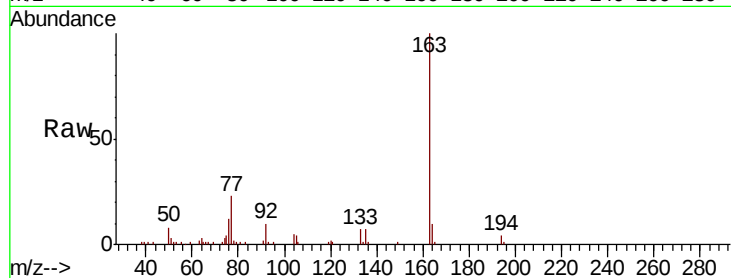
ClientSampleId :

T11-B1-B4-(0-4)

Tot Ion:	163	Resp:	57516
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.8	4.2
164	9.8	8.6	12.8

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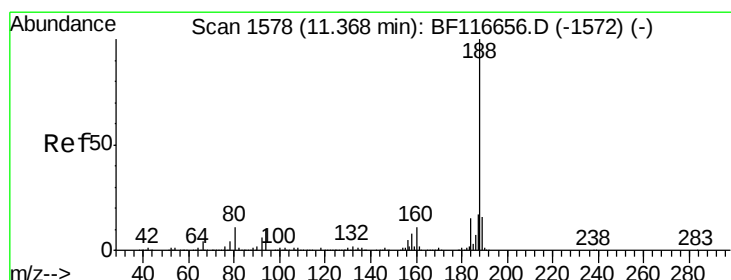
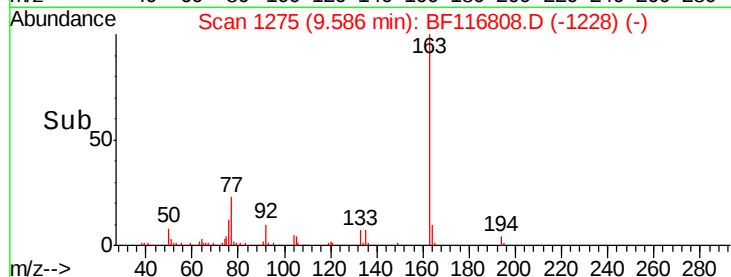
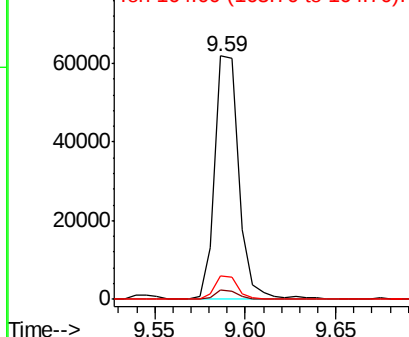


Abundance

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

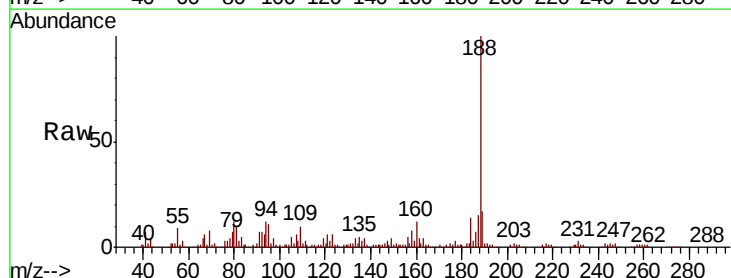
RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116808.D

Acq: 4 Sep 2019 11:57

Tgt Ion:	188	Resp:	178254
Ion Ratio	Lower	Upper	
188	100		
94	11.8	7.3	10.9#
80	11.9	8.4	12.6

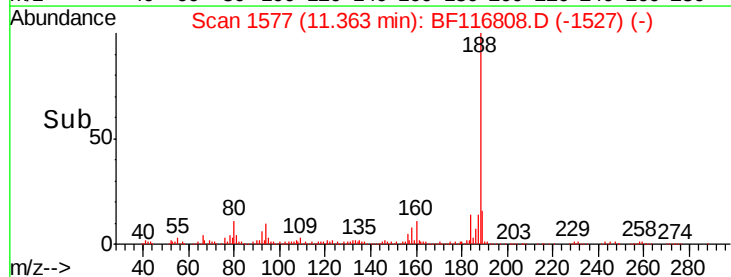
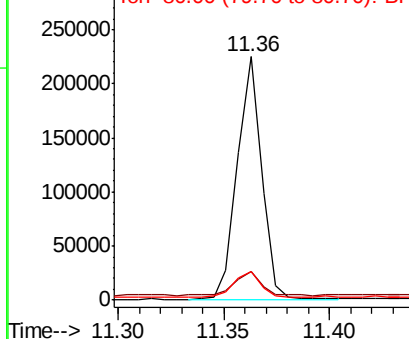


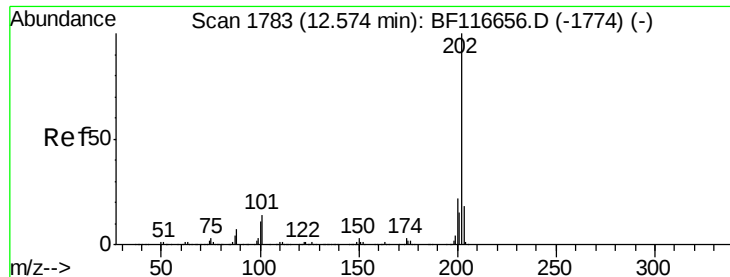
Abundance

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





#75

Fluoranthene

Concen: 4.298 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116808.D

Acq: 4 Sep 2019 11:57

Instrument :

BNA_F

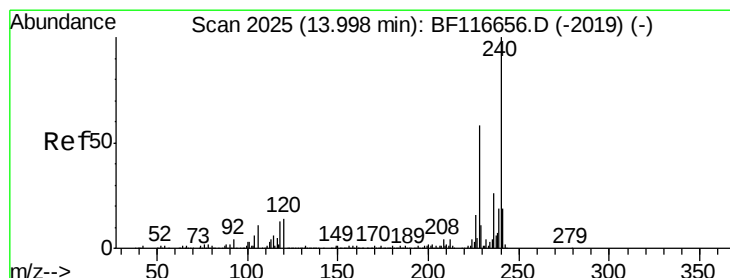
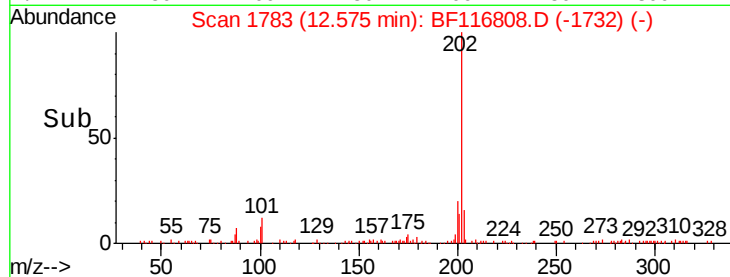
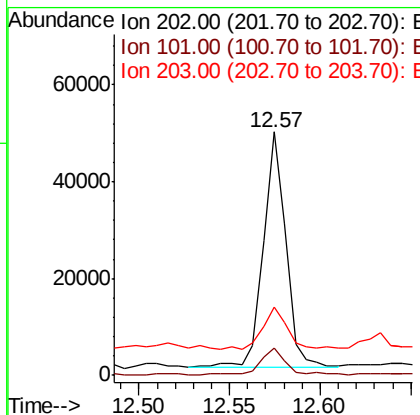
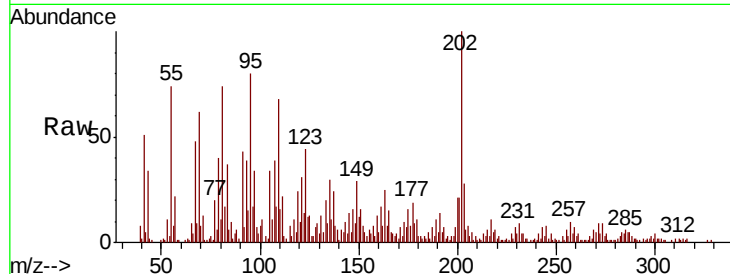
ClientSampleId :

T11-B1-B4-(0-4)

Tot Ion:	202	Resp:	41916
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.3
203	28.0	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

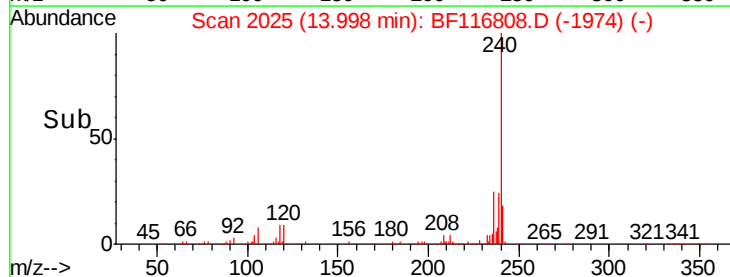
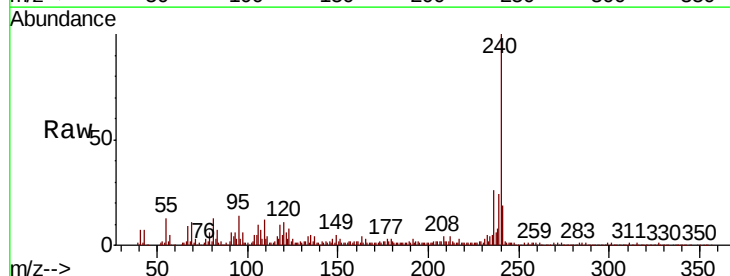
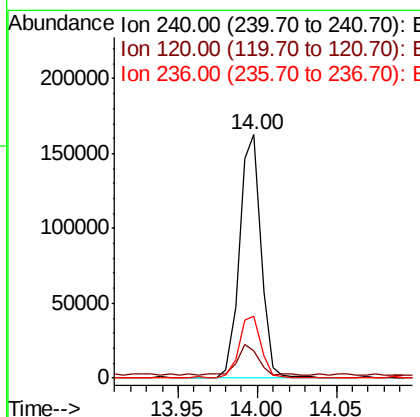
RT: 14.00 min Scan# 2025

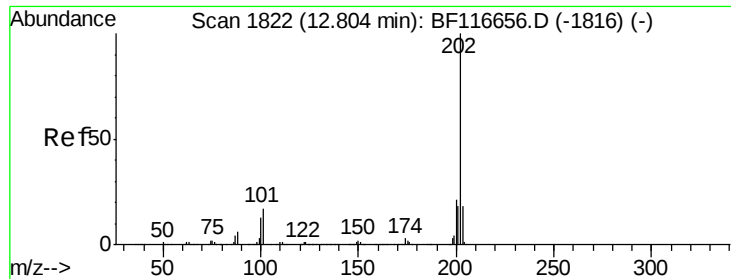
Delta R.T. 0.00 min

Lab File: BF116808.D

Acq: 4 Sep 2019 11:57

Tgt Ion:	240	Resp:	151174
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.1	13.7
236	25.7	21.1	31.7





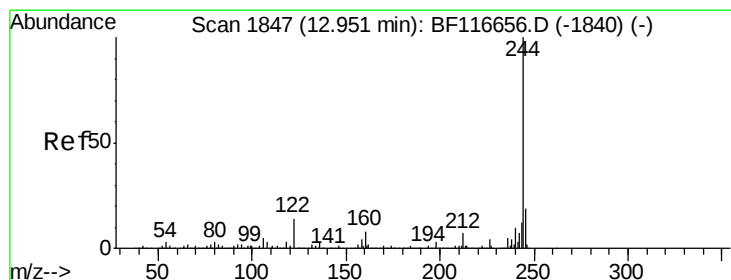
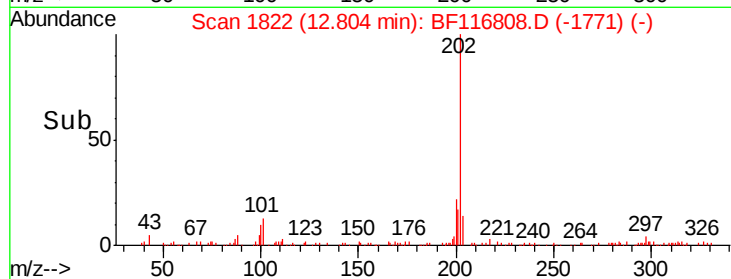
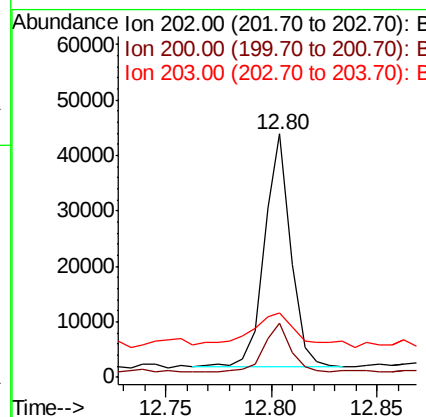
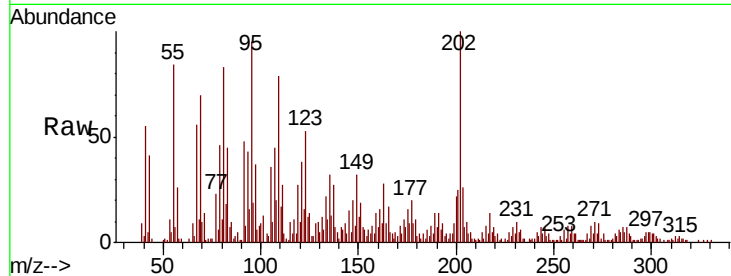
#78
Pvrene
Concen: 2.724 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116808.D
Acq: 4 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
T11-B1-B4-(0-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.4	16.5	24.7
203	26.5	13.7	20.5

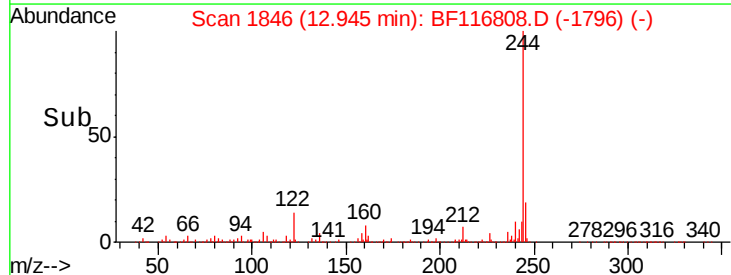
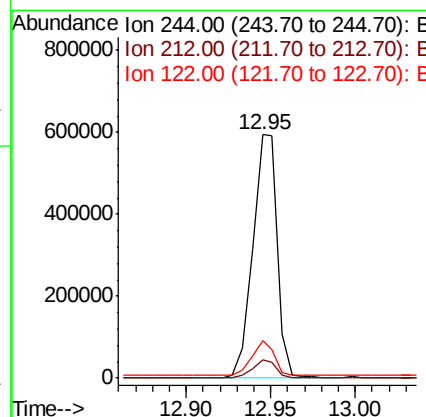
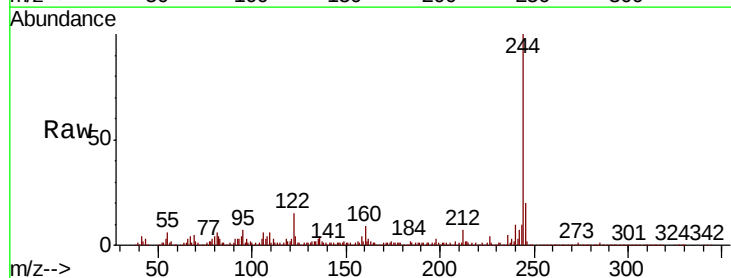
Manual Integrations
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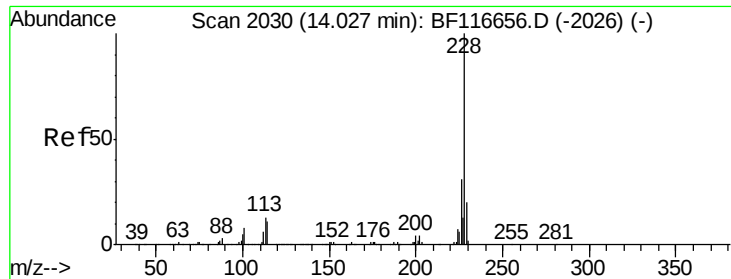
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#79
Terphenyl-d14
Concen: 73.160 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116808.D
Acq: 4 Sep 2019 11:57

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.1	9.1
122	15.2	10.2	15.4





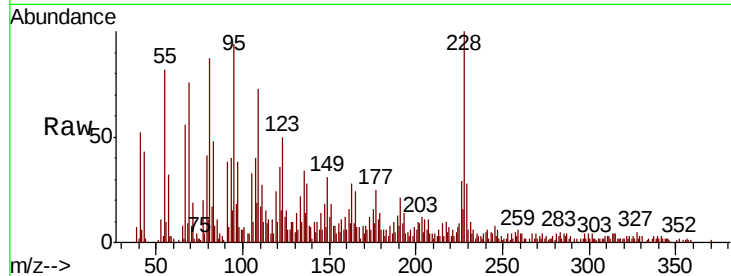
#83
Chrvsene
Concen: 2.347 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116808.D
Acq: 4 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
T11-B1-B4-(0-4)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	27.9	15.4	23.0

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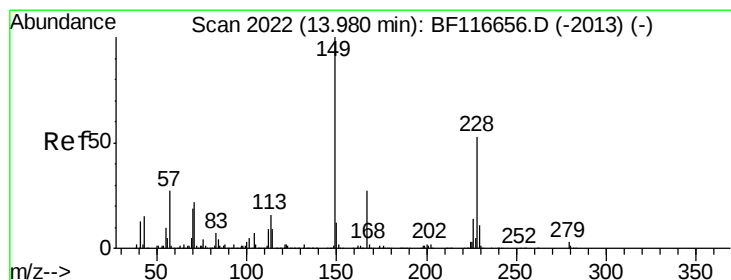
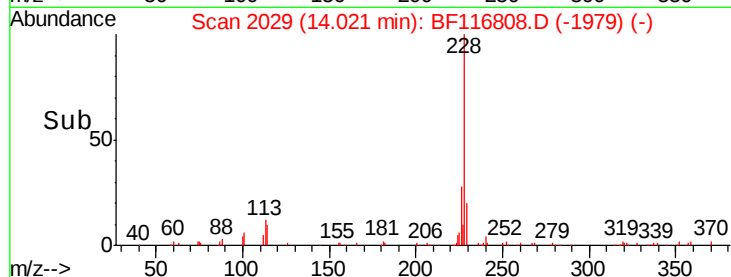
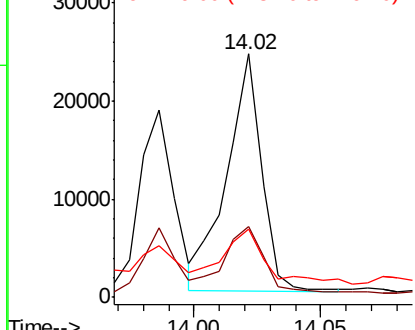


Abundance

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



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.085 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116808.D
Acq: 4 Sep 2019 11:57

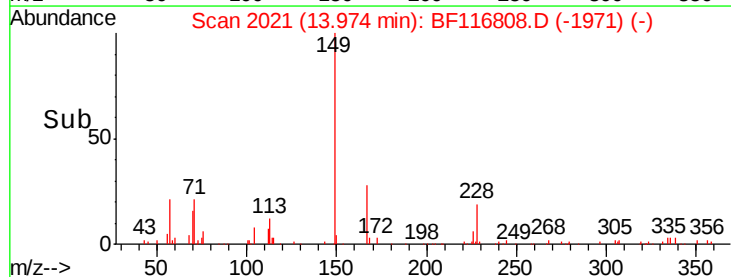
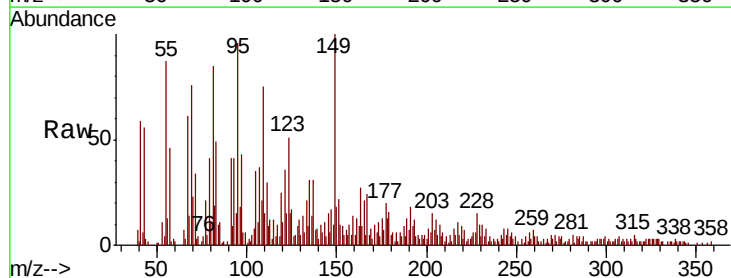
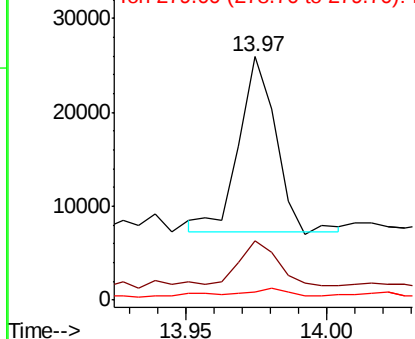
Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.2	21.0	31.4
279	3.3	2.8	4.2

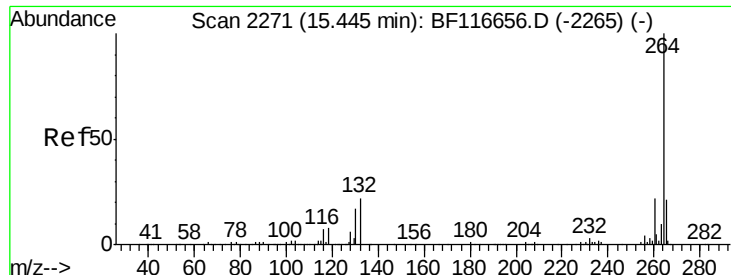
Abundance

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





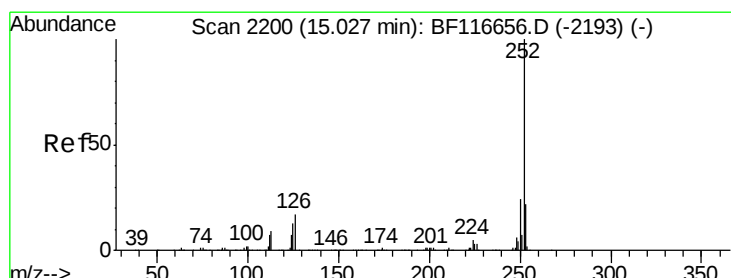
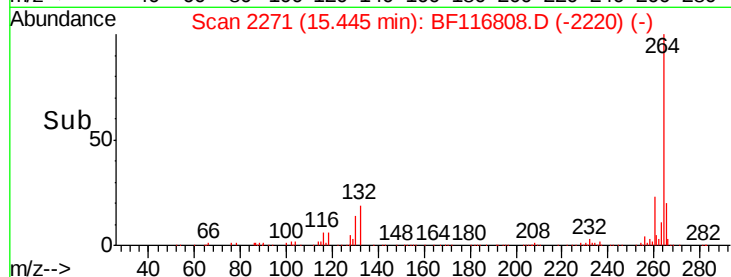
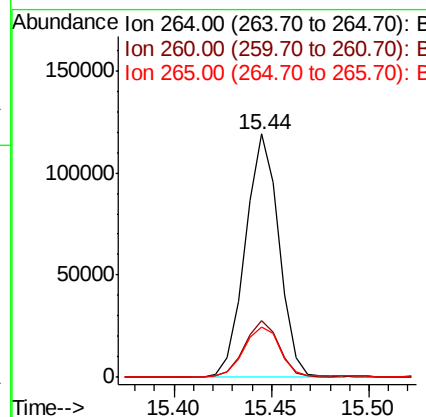
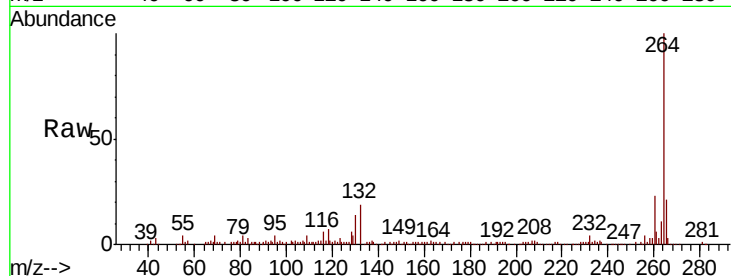
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116808.D
Acq: 4 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
T11-B1-B4-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	20.5	16.5	24.7

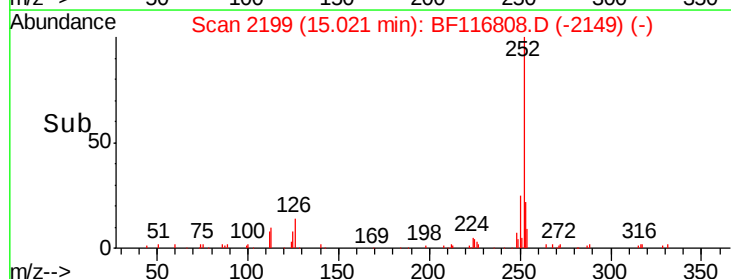
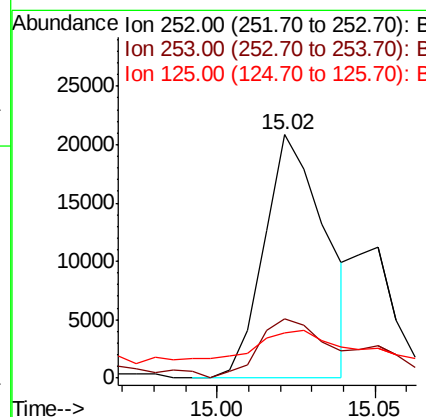
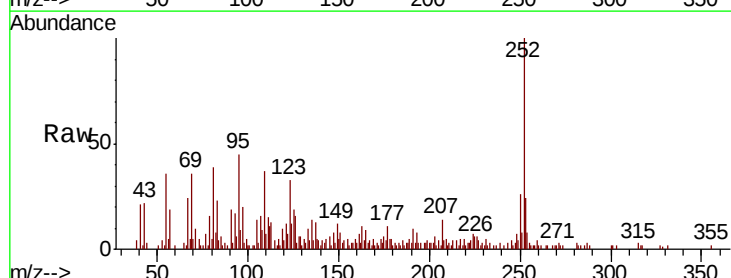
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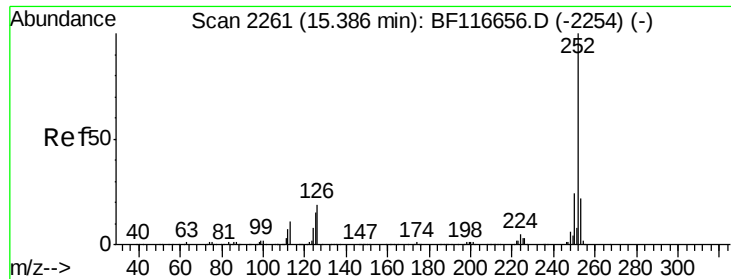
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#88
Benzo(b)fluoranthene
Concen: 3.252 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116808.D
Acq: 4 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	18.7	8.2	12.2#





#90
Benzo(a)pyrene
Concen: 2.213 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116808.D
Acq: 4 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
T11-B1-B4-(0-4)

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	18.1	27.1
125	18.8	9.8	14.8

Manual Integrations
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