

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116811.D
 Acq On : 4 Sep 2019 13:17
 Operator : HP/JU
 Sample : K4624-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-11-A1-A4-(0-4)

Manual Integrations
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mohammad
 9/9/2019 9:55:43 AM

Quant Time: Sep 05 03:22:11 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	66993	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	265497	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	134459	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	211233	20.00	ng	0.00
76) Chrysene-d12	14.02	240	137198	20.00	ng	0.02
87) Perylene-d12	15.46	264	161253	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	362736	87.72	ng	0.00
7) Phenol-d6	6.47	99	518706	95.53	ng	0.00
23) Nitrobenzene-d5	7.40	82	321728	69.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	113253	125.99	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	569180	71.41	ng	0.00
79) Terphenyl-d14	12.96	244	468102	63.12	ng	0.01
Target Compounds						
10) Phenol	6.49	94	24948	4.149	ng	96
50) Dimethylphthalate	9.59	163	133800	14.413	ng	98
75) Fluoranthene	12.59	202	44372	3.840	ng	# 58
78) Pyrene	12.82	202	35912	2.945	ng	# 55
83) Chrysene	14.04	228	23538	2.631	ng	# 79
84) Bis(2-ethylhexyl)phthalate	13.99	149	55903	7.636	ng	# 99
86) Indeno(1,2,3-cd)pyrene	16.90	276	17306	2.408	ng	# 93
88) Benzo(b)fluoranthene	15.04	252	32205m	3.303	ng	
90) Benzo(a)pyrene	15.40	252	17469	2.060	ng	# 64
92) Benzo(g,h,i)perylene	17.33	276	15884	2.098	ng	# 71

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

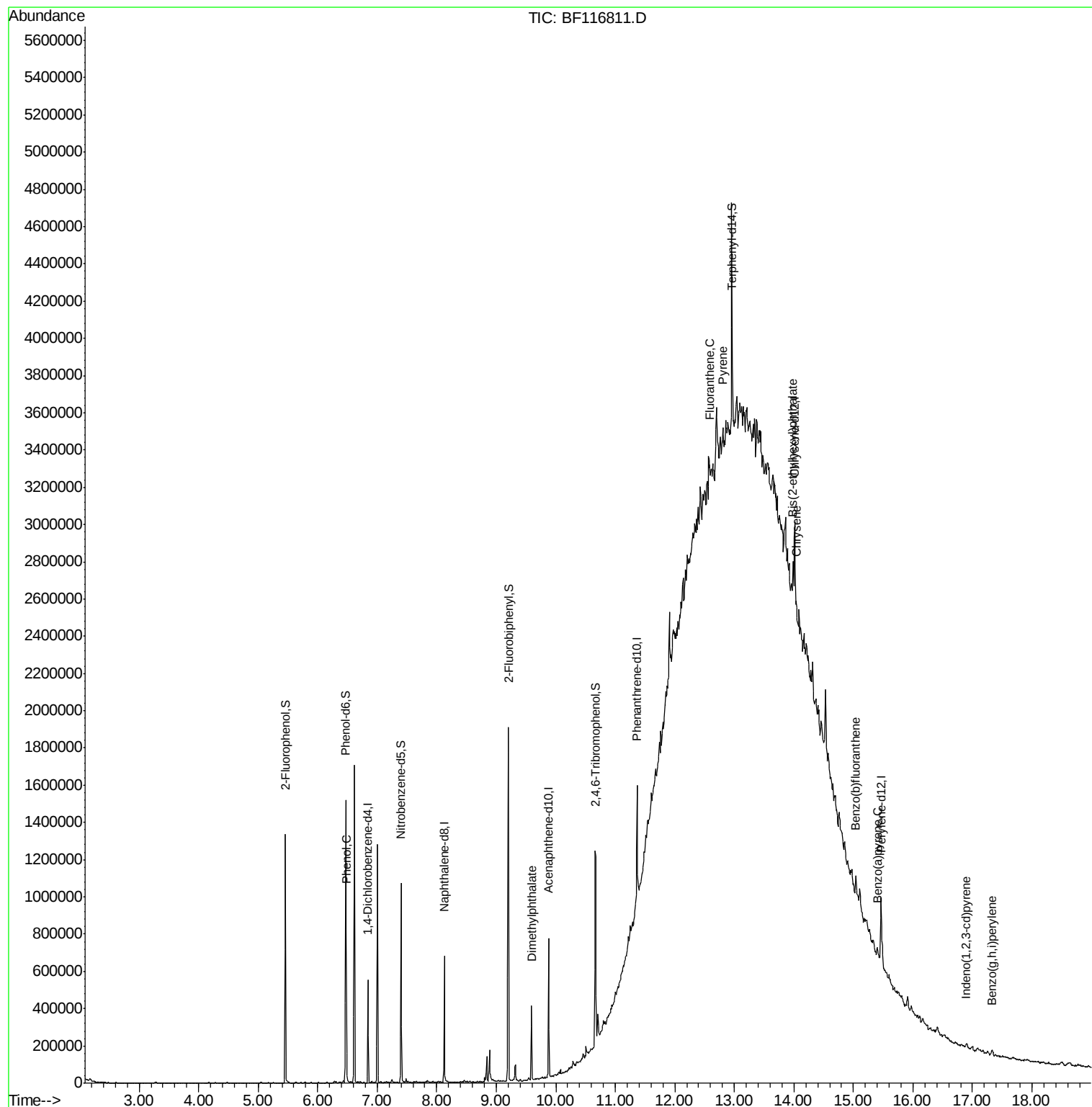
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116811.D
Acq On : 4 Sep 2019 13:17
Operator : HP/JU
Sample : K4624-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

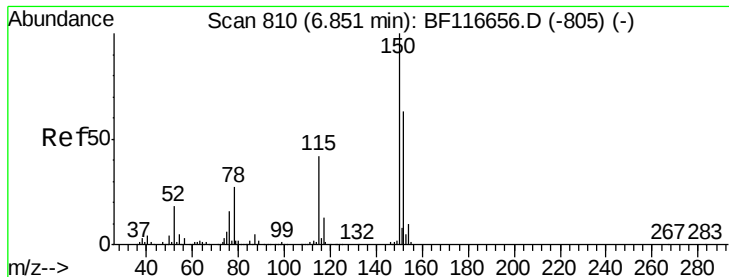
Instrument :
BNA_F
ClientSampleId :
T-11-A1-A4-(0-4)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

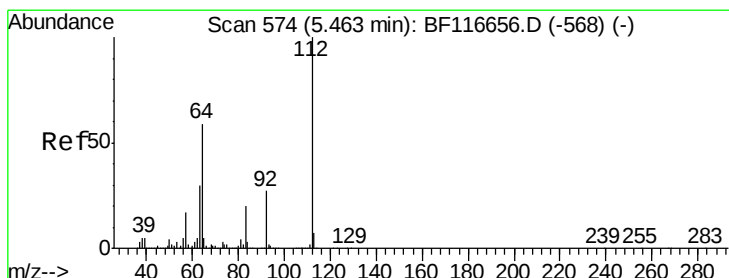
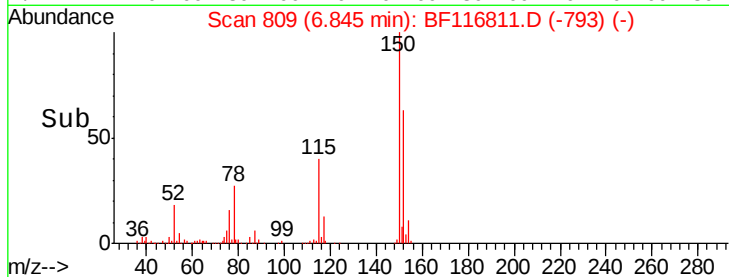
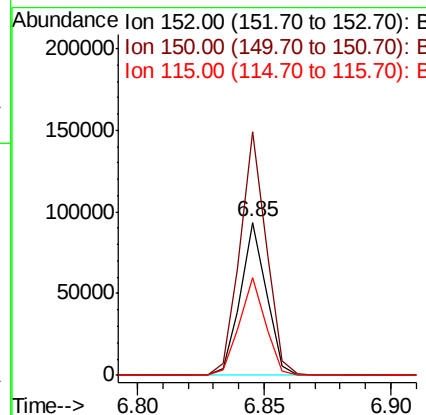
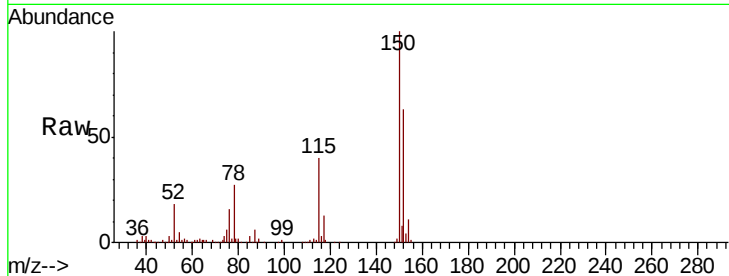
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Instrument :
BNA_F
ClientSampleId :
T-11-A1-A4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.4	186.6
115	63.6	49.9	74.9

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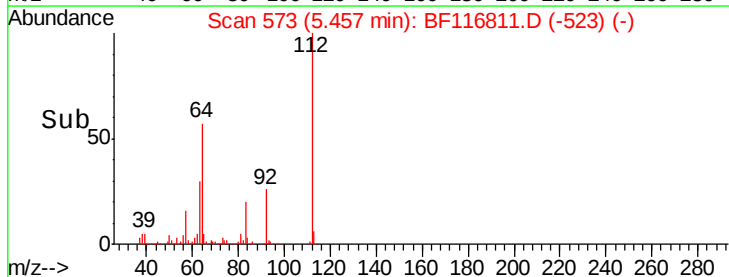
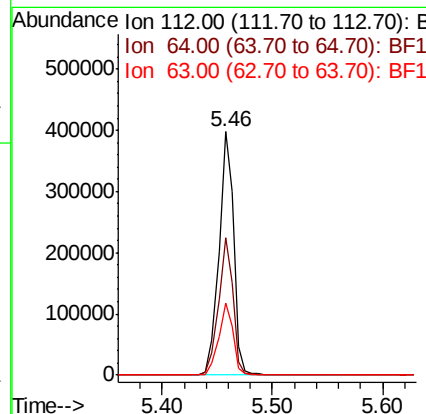
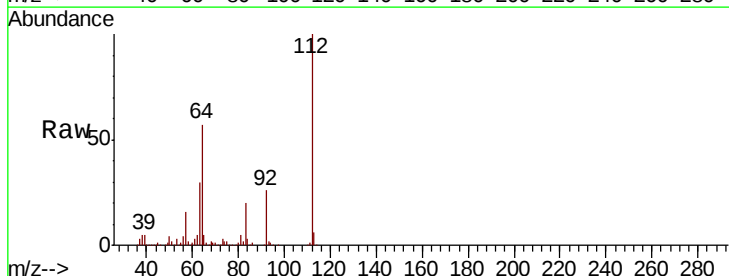
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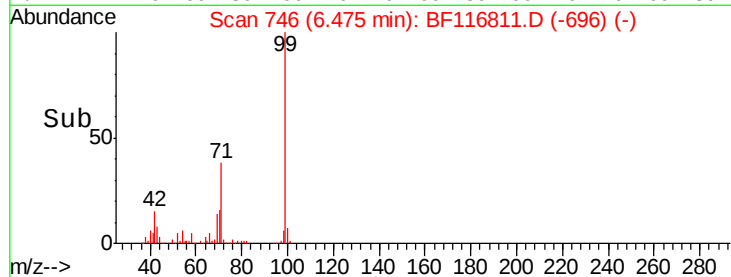
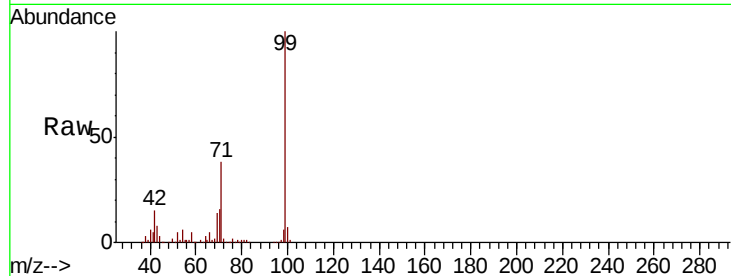


#5

2-Fluorophenol
Concen: 87.719 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.1	70.7
63	29.7	24.9	37.3





#7

Phenol-d6

Concen: 95.526 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Tot Ion:	99	Resp:	518706
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.7	20.5
71	37.6	30.8	46.2

Instrument :

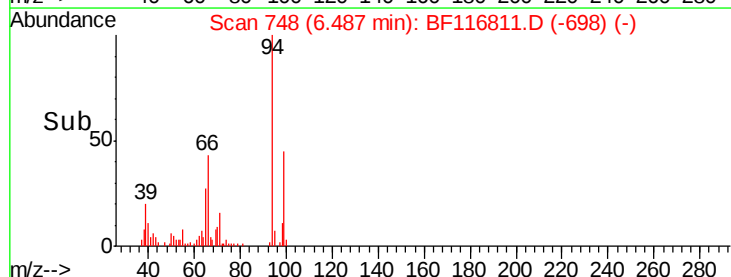
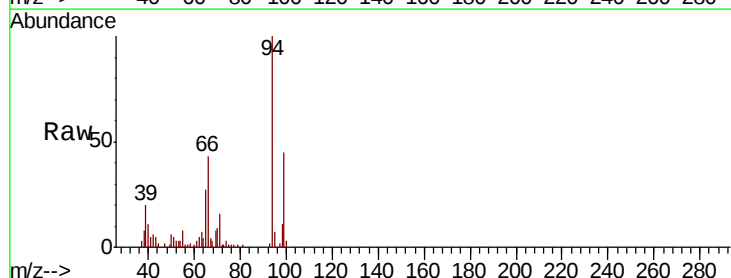
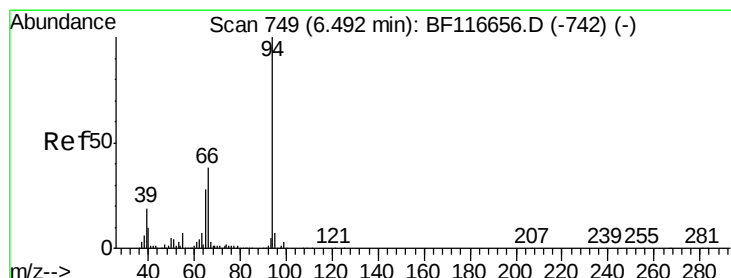
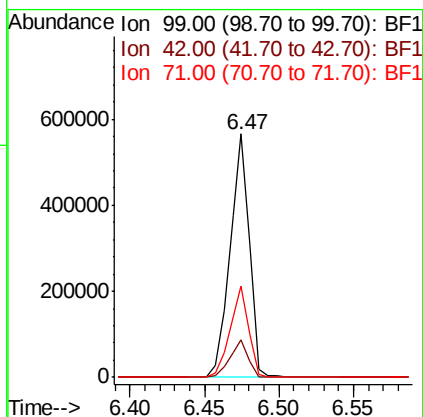
BNA_F

ClientSampleId :

T-11-A1-A4-(0-4)

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#10

Phenol

Concen: 4.149 ng

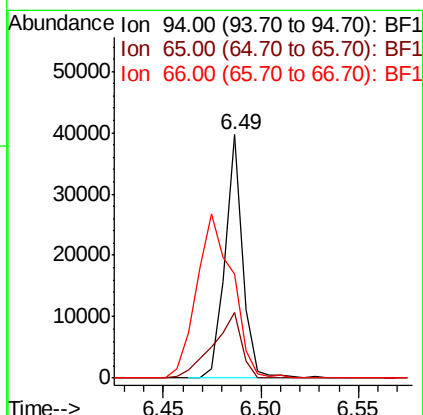
RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Tgt Ion:	94	Resp:	24948
Ion Ratio	Lower	Upper	
94	100		
65	27.2	10.8	50.8
66	42.6	21.1	61.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Instrument :

BNA_F

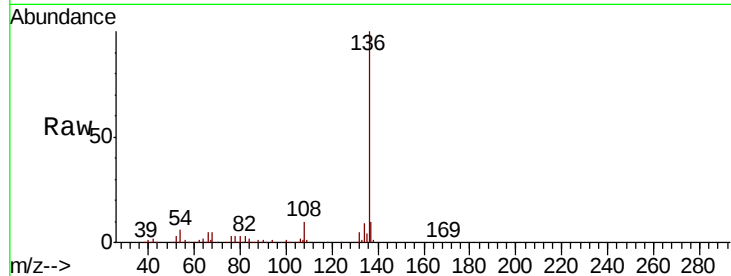
ClientSampleId :

T-11-A1-A4-(0-4)

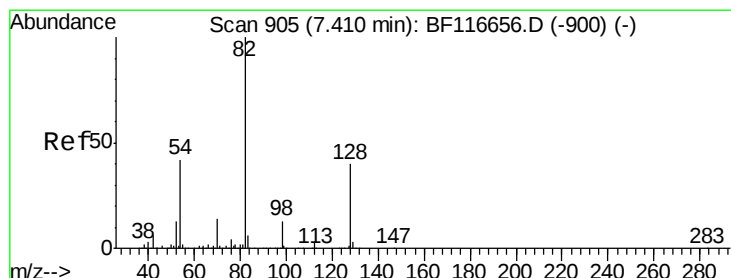
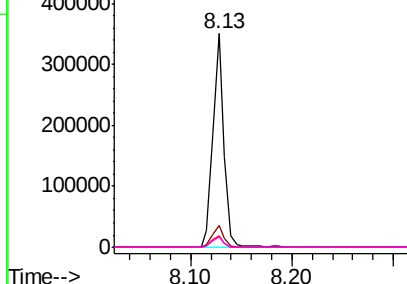
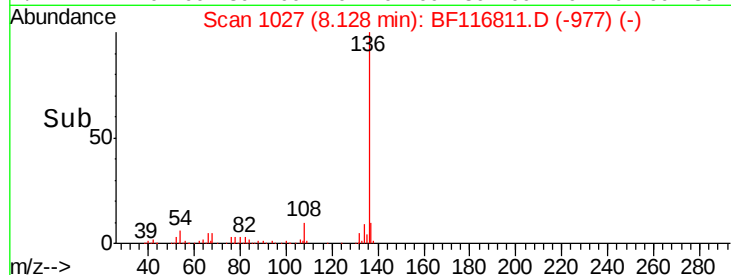
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		265497		
137	10.1		8.9	13.3	
54	5.6		4.8	7.2	
68	4.9		4.0	6.0	

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



#23

Nitrobenzene-d5

Concen: 69.178 ng

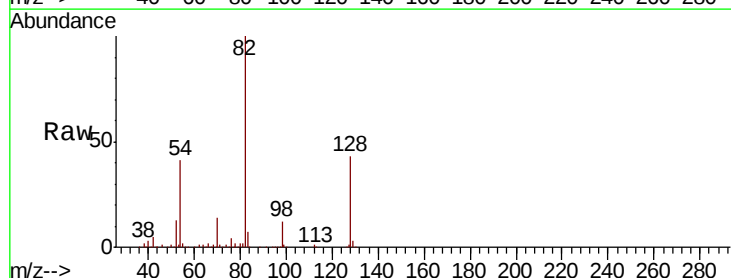
RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

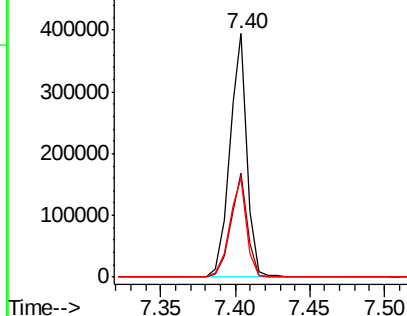
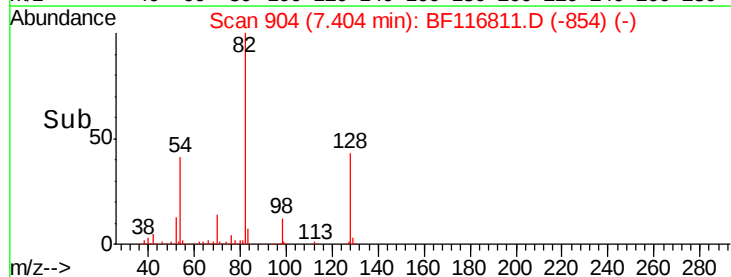
Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		321728		
128	43.0		32.8	49.2	
54	40.9		36.9	55.3	



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





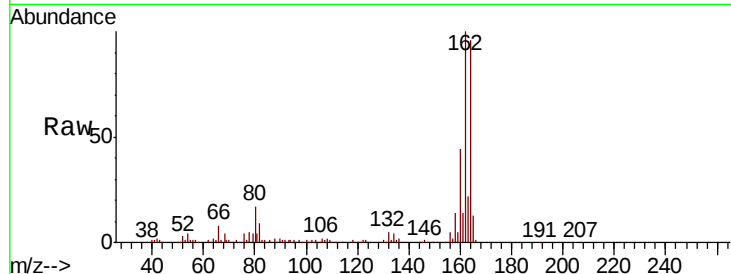
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Instrument :
BNA_F
ClientSampleId :
T-11-A1-A4-(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	134459		
162	104.4	81.4	122.0	
160	46.3	35.4	53.2	

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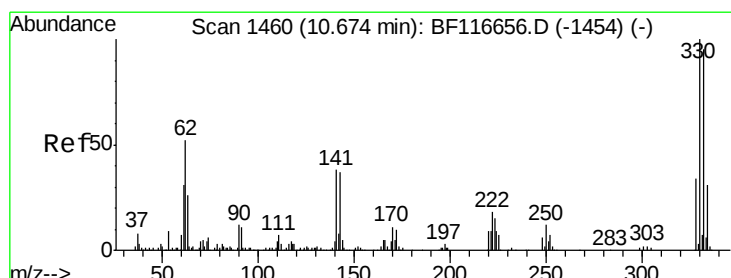
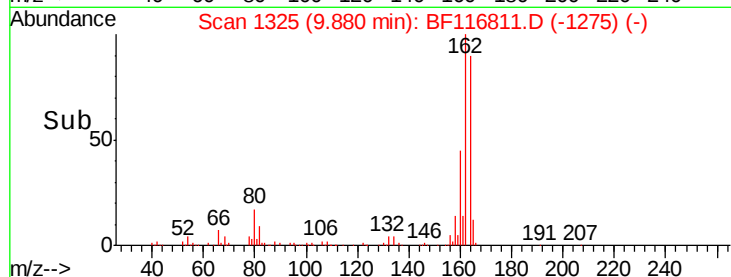
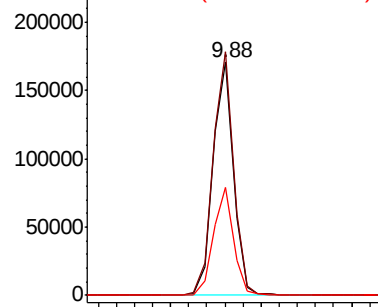


Abundance

Ion 164.00 (163.70 to 164.70): E

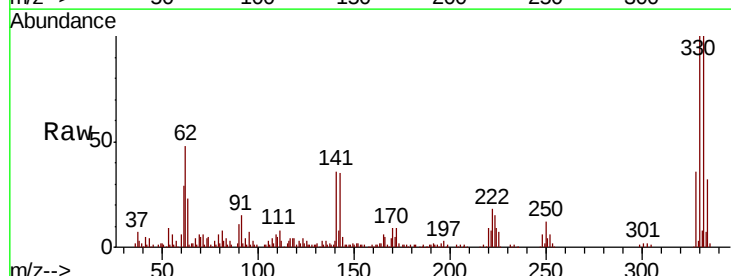
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 125.992 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	113253		
332	98.1	76.9	115.3	
141	43.9	31.4	47.2	

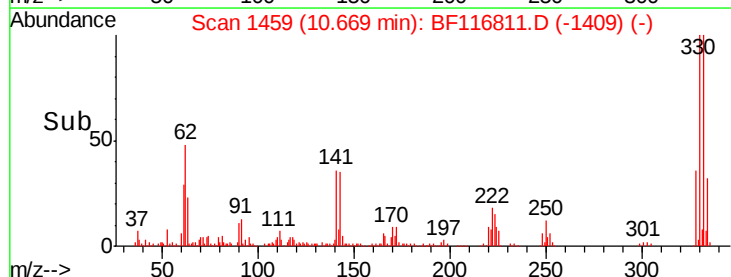
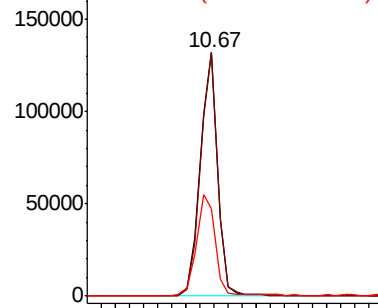


Abundance

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





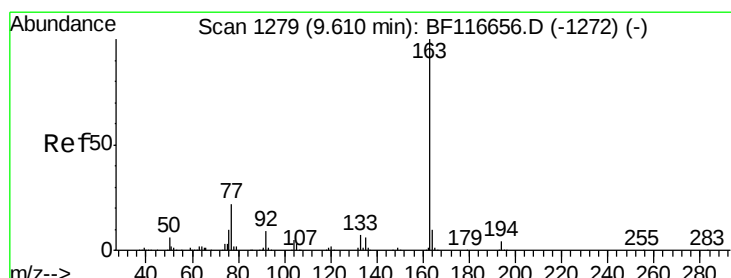
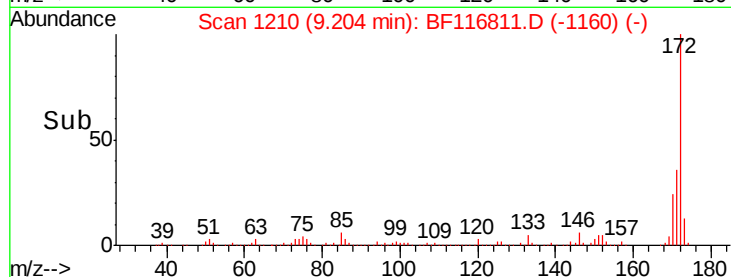
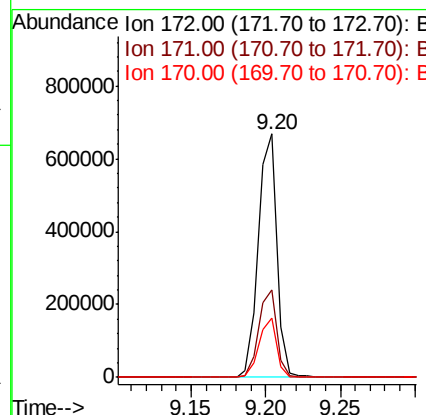
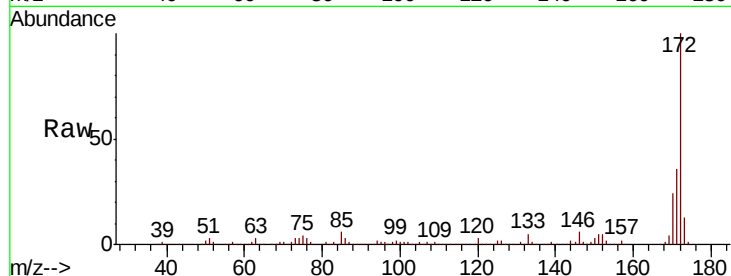
#45
2-Fluorobiphenyl
Concen: 71.408 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Instrument :
BNA_F
ClientSampleId :
T-11-A1-A4-(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	569180		
171	35.8		27.8	41.6
170	24.2		18.9	28.3

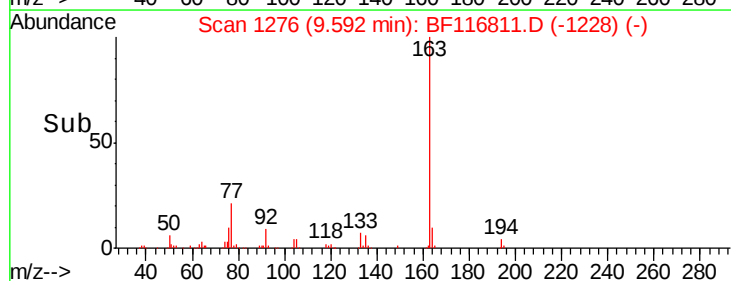
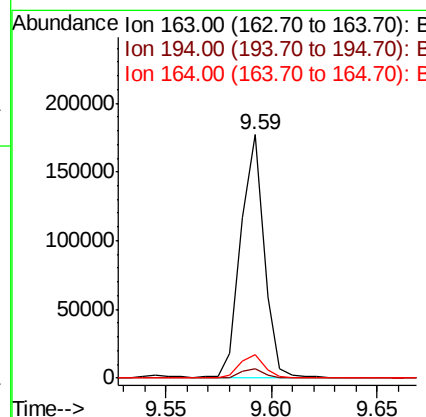
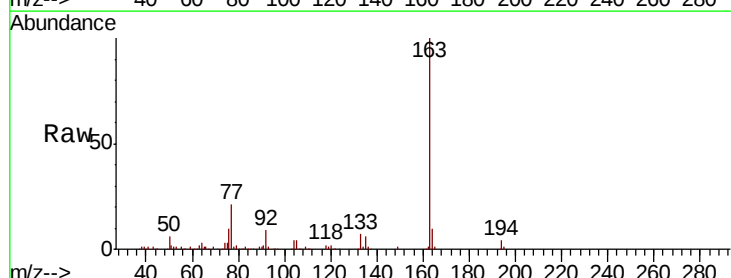
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#50
Dimethylphthalate
Concen: 14.413 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	133800		
194	3.6		2.8	4.2
164	9.8		8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Instrument :

BNA_F

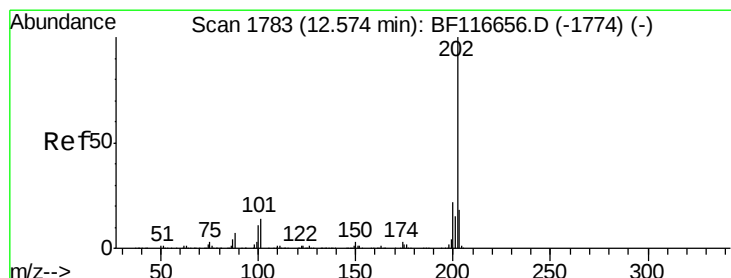
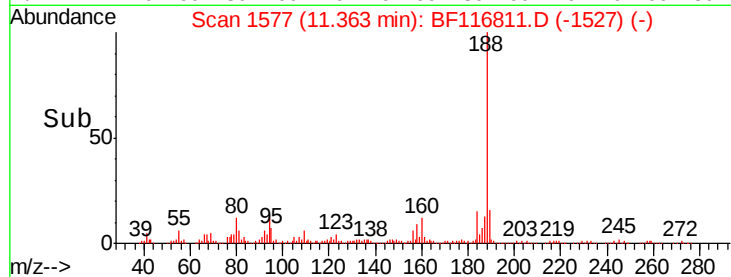
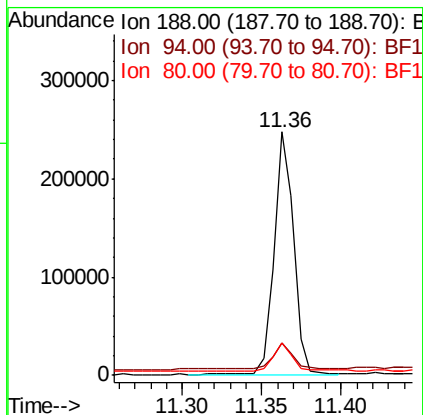
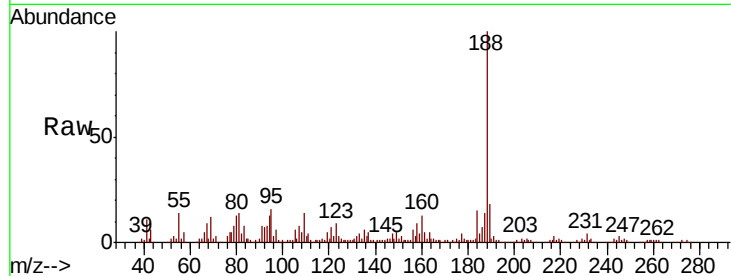
ClientSampleId :

T-11-A1-A4-(0-4)

Tot Ion:	188	Resp:	211233
Ion Ratio	Lower	Upper	
188	100		
94	13.3	7.3	10.9#
80	13.4	8.4	12.6#

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#75

Fluoranthene

Concen: 3.840 ng

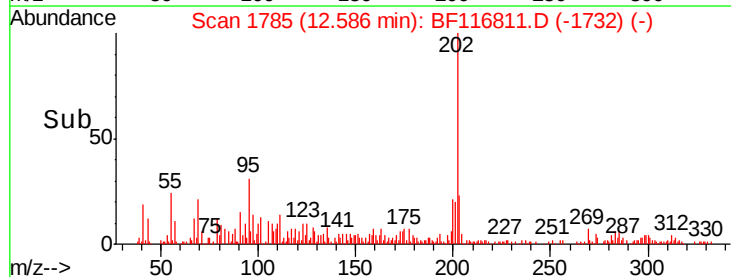
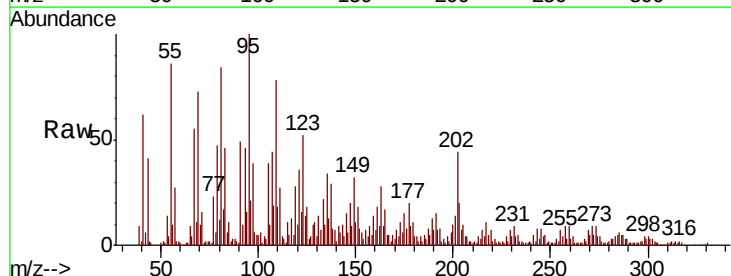
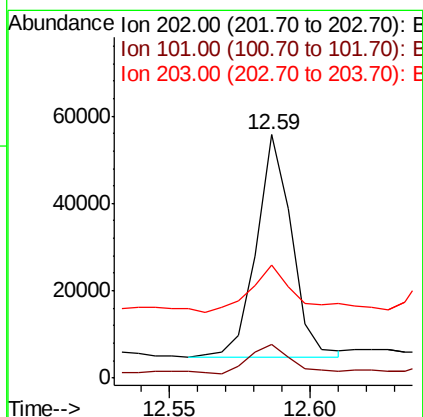
RT: 12.59 min Scan# 1785

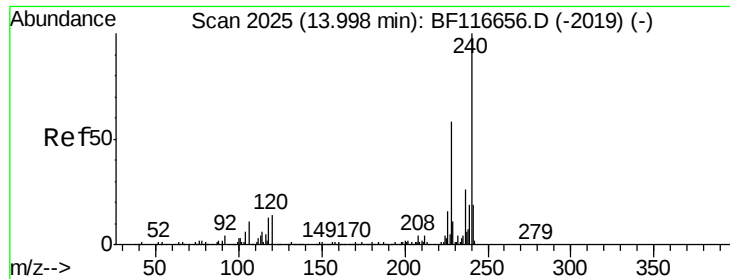
Delta R.T. 0.01 min

Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Tgt Ion:	202	Resp:	44372
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	31.3
203	46.4	0.0	37.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Instrument :

BNA_F

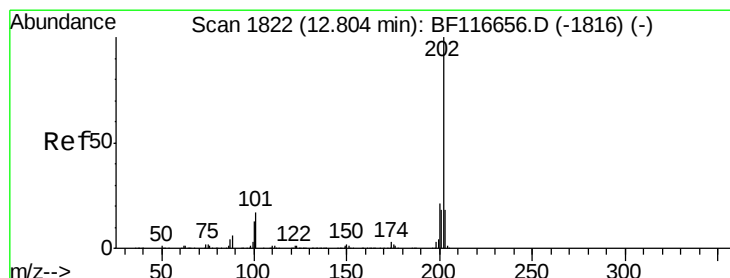
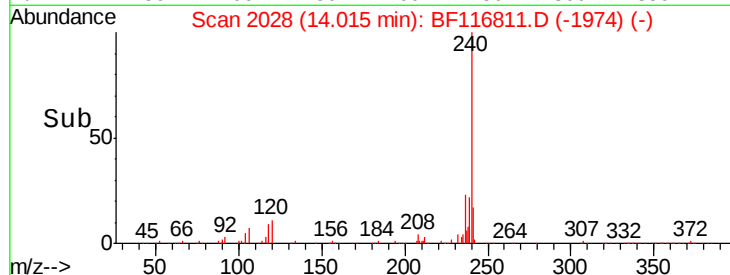
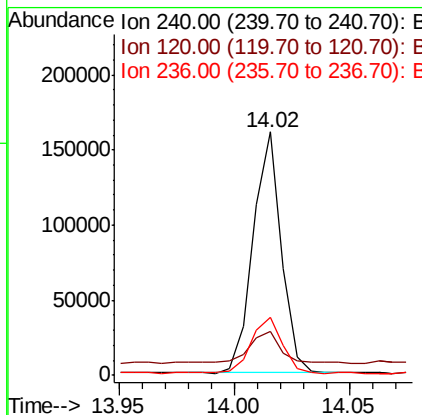
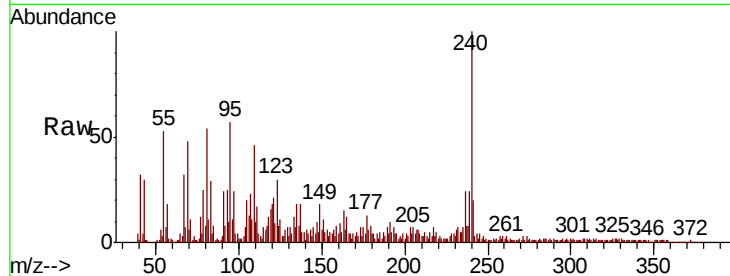
ClientSampleId :

T-11-A1-A4-(0-4)

Tot Ion:	240	Resp:	137198
Ion Ratio	Lower	Upper	
240	100		
120	17.9	9.1	13.7#
236	24.0	21.1	31.7

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#78

Pyrene

Concen: 2.945 ng

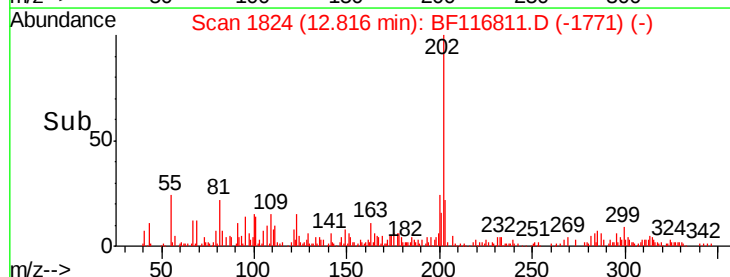
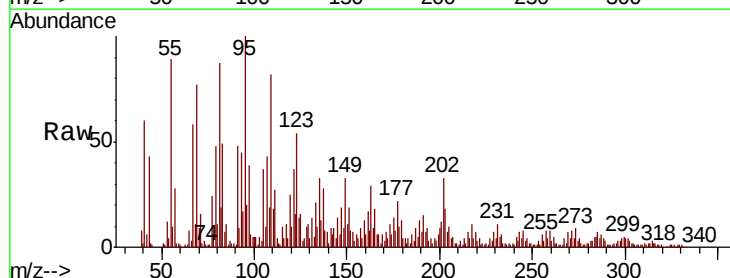
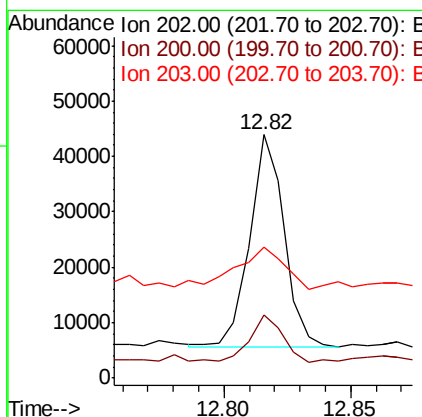
RT: 12.82 min Scan# 1824

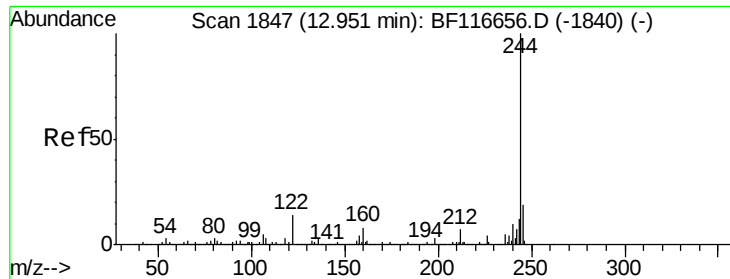
Delta R.T. 0.01 min

Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Tgt Ion:	202	Resp:	35912
Ion Ratio	Lower	Upper	
202	100		
200	26.0	16.5	24.7#
203	53.7	13.7	20.5#





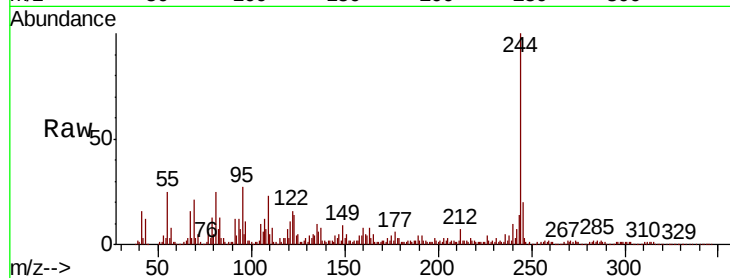
#79
 Terphenyl-d14
 Concen: 63.118 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF116811.D
 Acq: 4 Sep 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 T-11-A1-A4-(0-4)

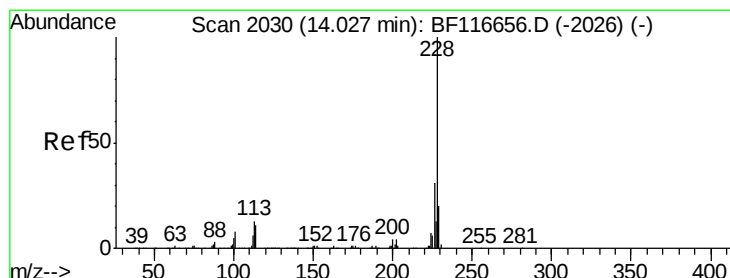
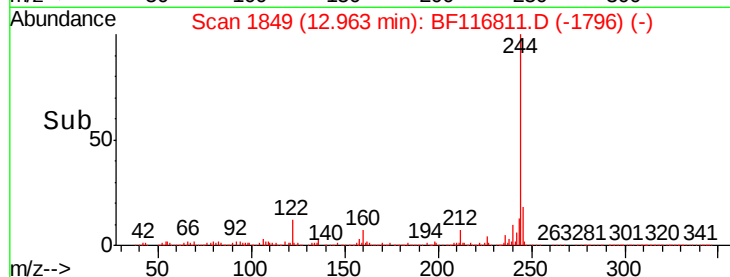
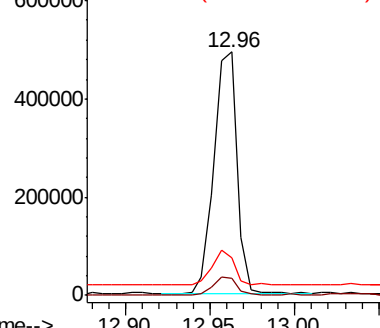
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	15.5	10.2	15.4

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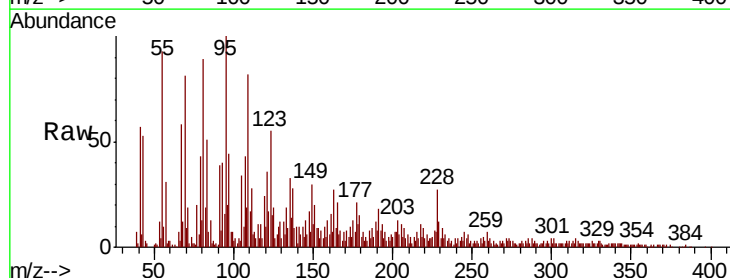


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

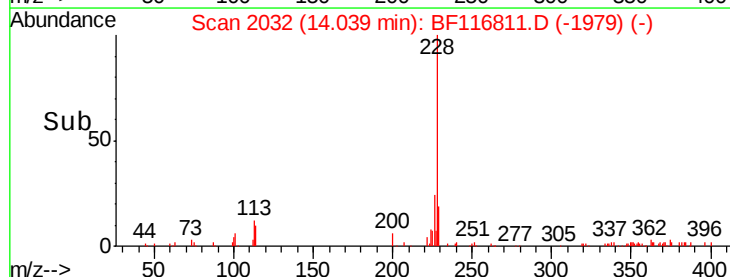
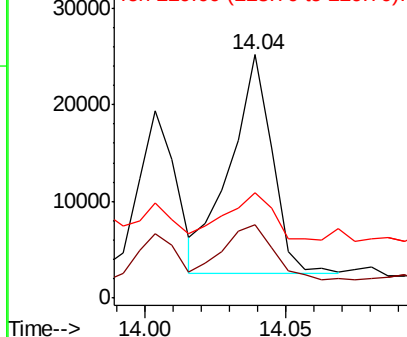


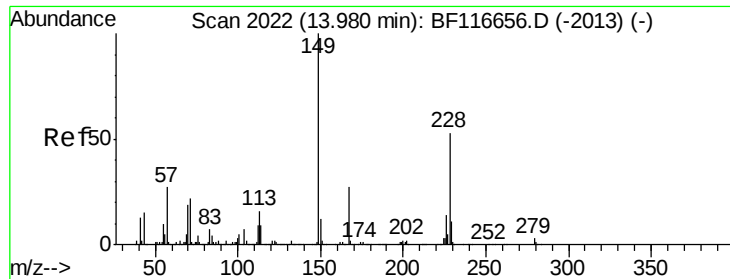
#83
 Chrysene
 Concen: 2.631 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF116811.D
 Acq: 4 Sep 2019 13:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	43.5	15.4	23.0



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: 7.636 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Instrument :

BNA_F

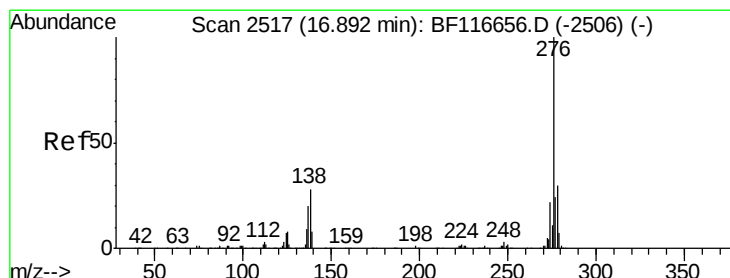
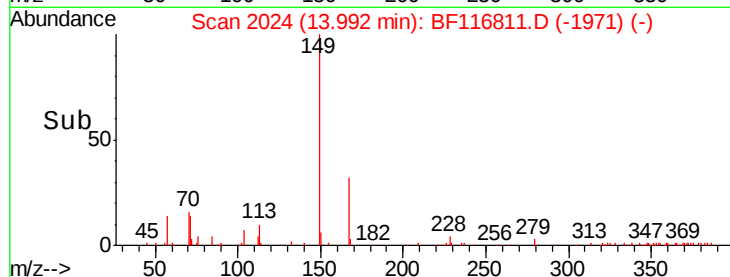
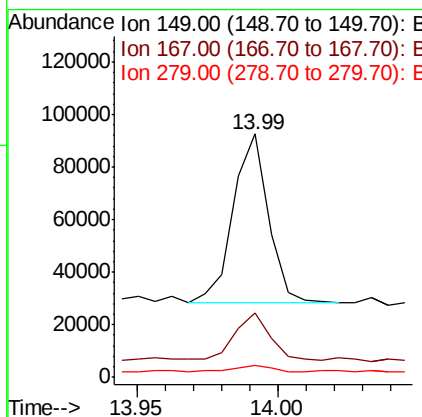
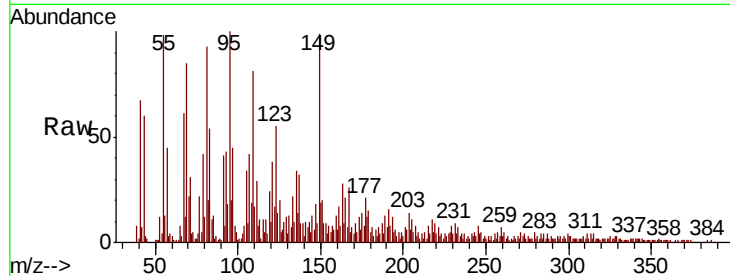
ClientSampleId :

T-11-A1-A4-(0-4)

Tot Ion:	149	Resp:	55903
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.0	31.4
279	4.9	2.8	4.2#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 2.408 ng

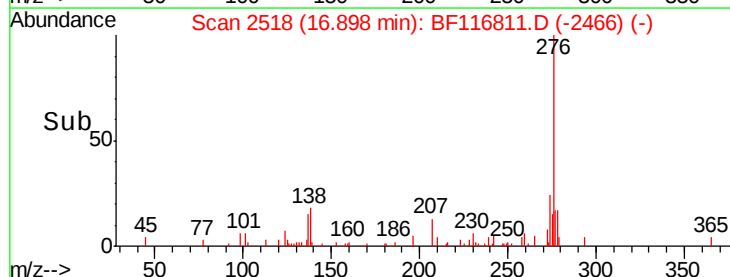
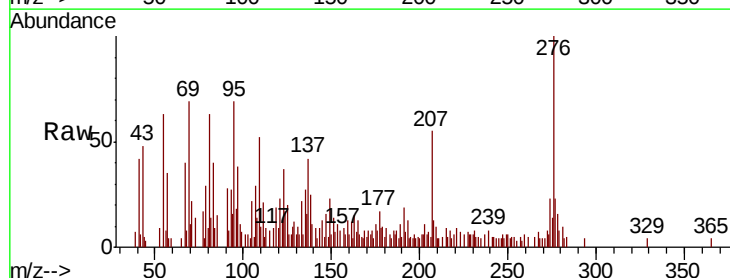
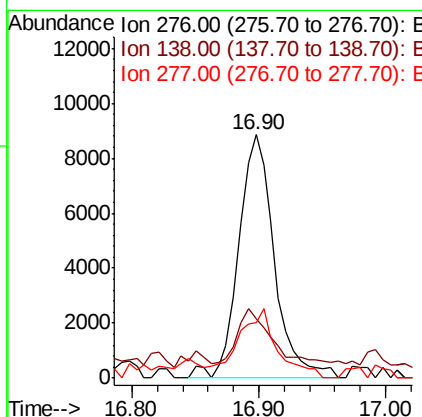
RT: 16.90 min Scan# 2518

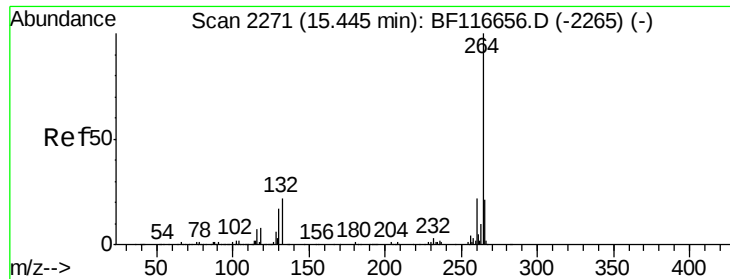
Delta R.T. 0.01 min

Lab File: BF116811.D

Acq: 4 Sep 2019 13:17

Tgt Ion:	276	Resp:	17306
Ion Ratio	Lower	Upper	
276	100		
138	22.8	19.4	29.2
277	30.8	20.5	30.7#





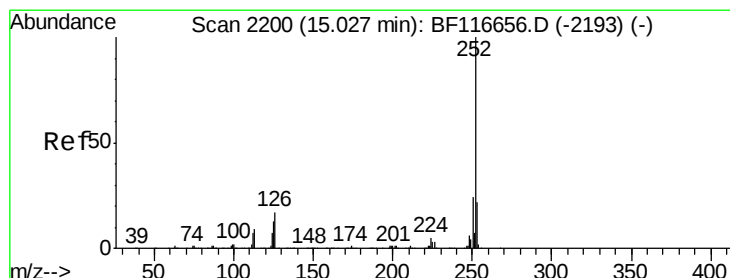
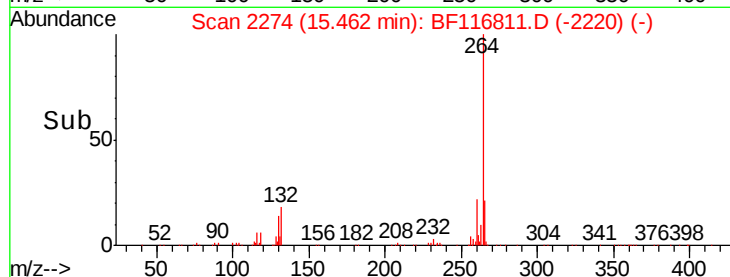
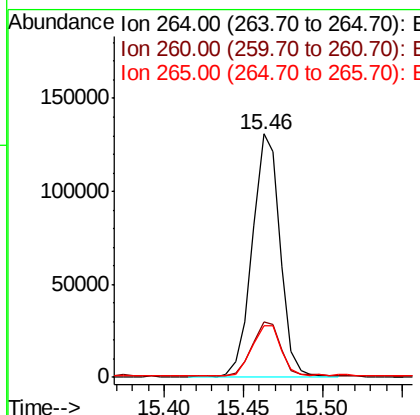
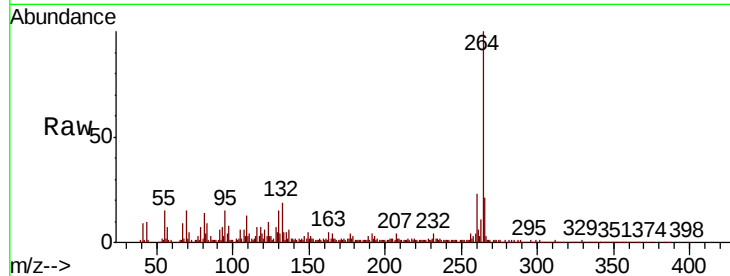
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Instrument :
BNA_F
ClientSampleId :
T-11-A1-A4-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.2	16.5	24.7

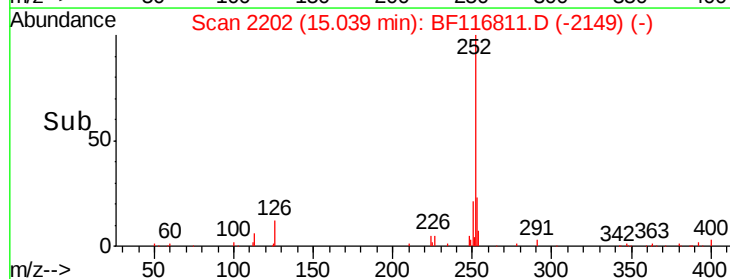
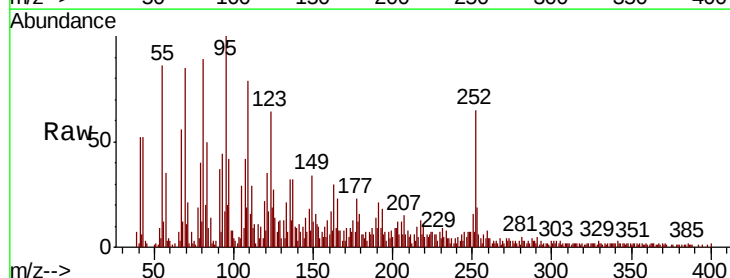
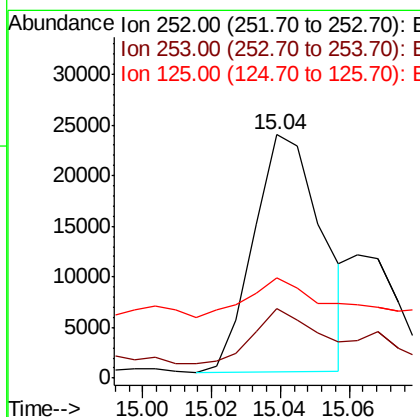
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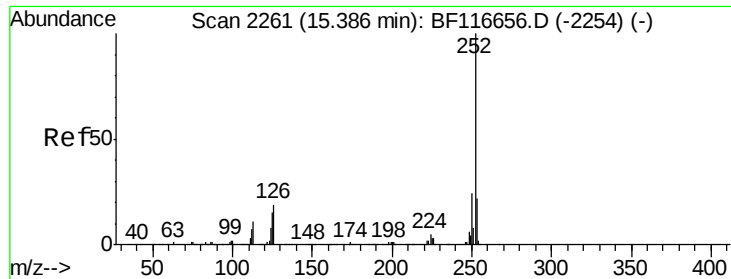
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#88
Benzo(b)fluoranthene
Concen: 3.303 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.7	26.5#
125	41.1	8.2	12.2#





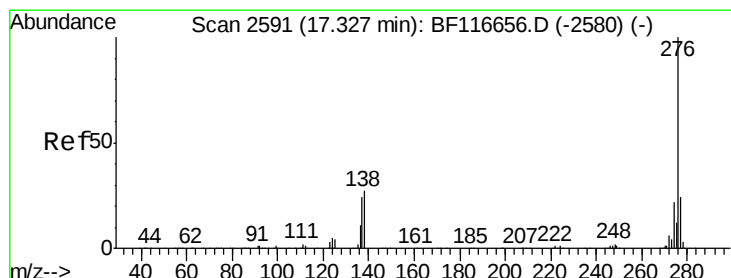
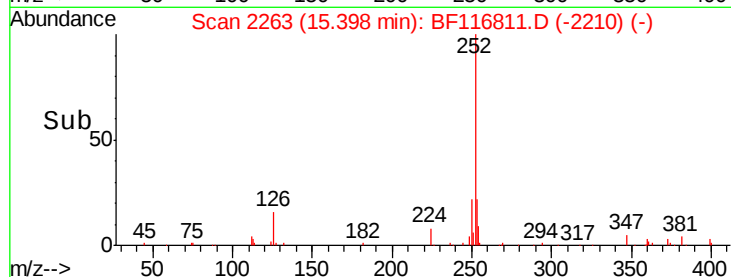
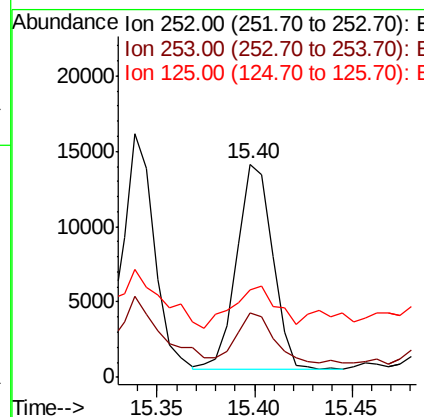
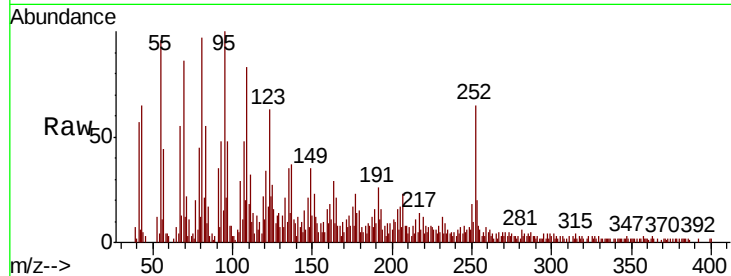
#90
Benzo(a)pyrene
Concen: 2.060 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Instrument :
BNA_F
ClientSampleId :
T-11-A1-A4-(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.5	18.1	27.1#
125	40.9	9.8	14.8#

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#92
Benzo(g,h,i)perylene
Concen: 2.098 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116811.D
Acq: 4 Sep 2019 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.9	18.5	27.7#
138	30.6	16.2	24.2#

