

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116555.D
 Acq On : 26 Aug 2019 4:35
 Operator : HP/JU
 Sample : K4510-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 06:33:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

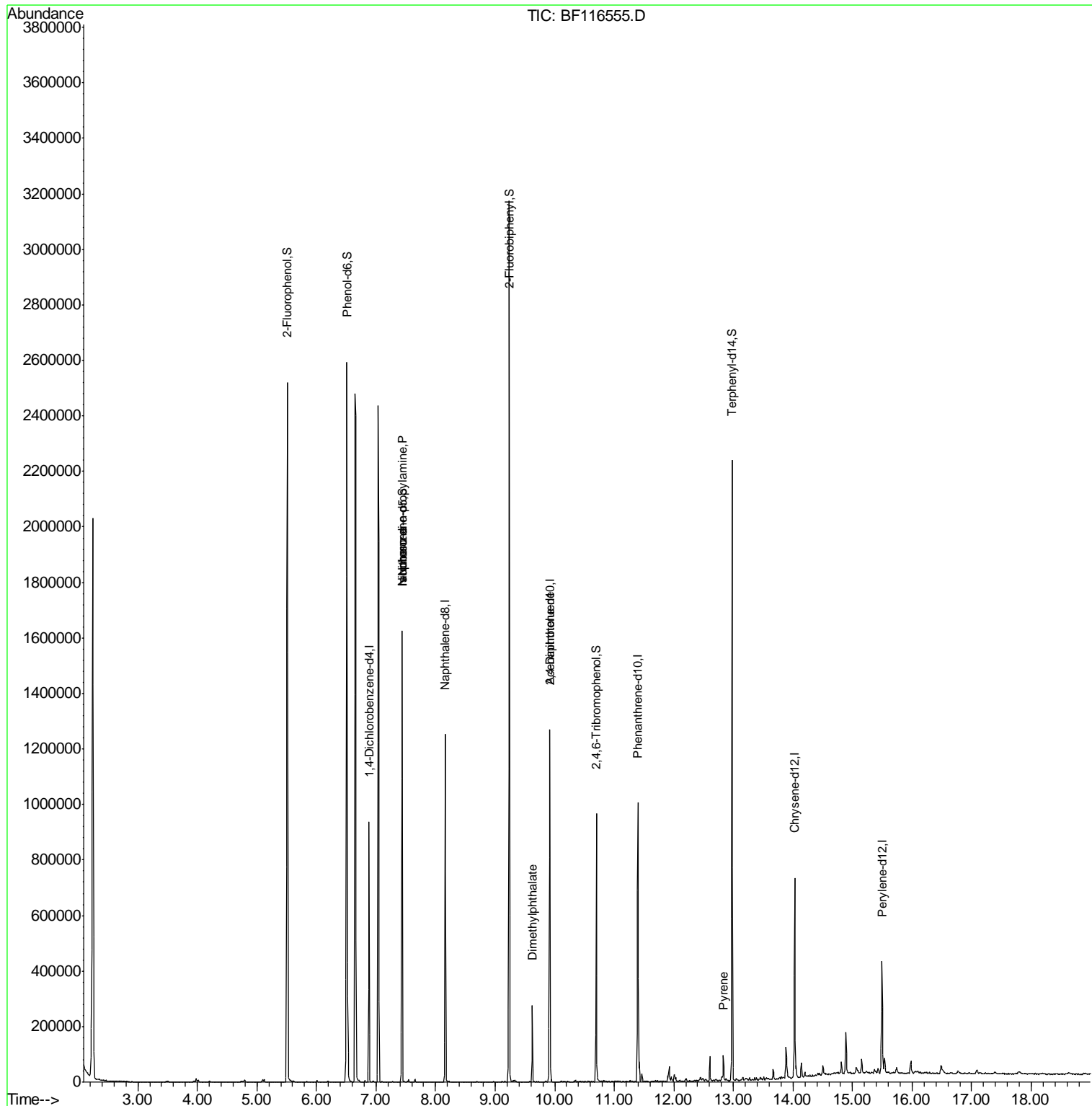
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	137598	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	510286	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	231635	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	321043	20.00	ng	0.00
76) Chrysene-d12	14.03	240	214883	20.00	ng	0.00
87) Perylene-d12	15.50	264	185626	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	703976	74.75	ng	0.01
7) Phenol-d6	6.51	99	938236	81.26	ng	0.00
23) Nitrobenzene-d5	7.44	82	541038	58.01	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	101828	51.20	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	968229	67.31	ng	0.00
79) Terphenyl-d14	12.98	244	700031	60.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	72194	9.163	ng	# 79
25) Isophorone	7.44	82	540833	29.424	ng	# 67
50) Dimethylphthalate	9.62	163	108353	6.704	ng	99
57) 2,4-Dinitrotoluene	9.92	165	29362	6.976	ng	# 21
78) Pyrene	12.83	202	35186	2.048	ng	99

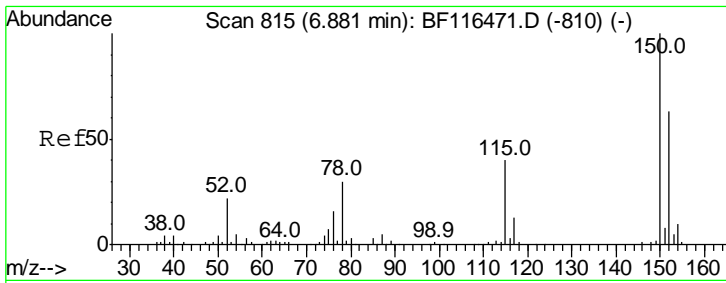
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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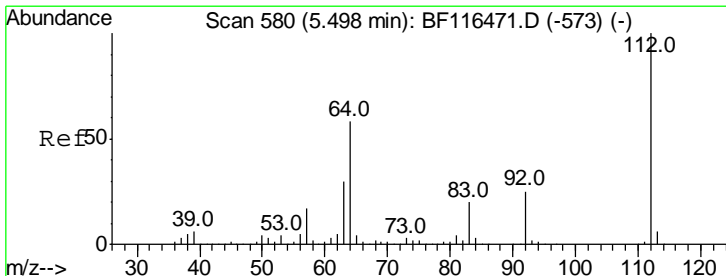
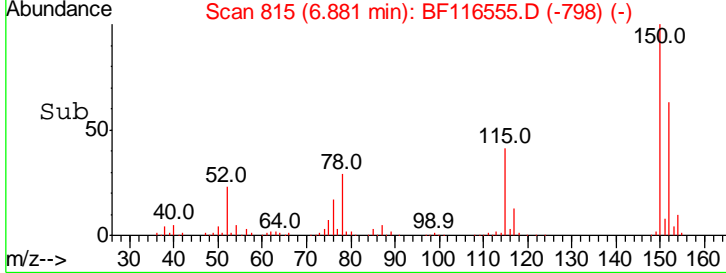
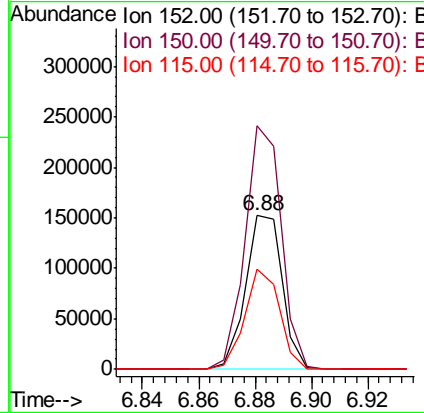
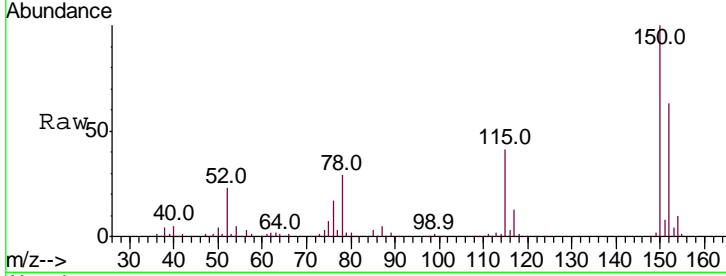




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

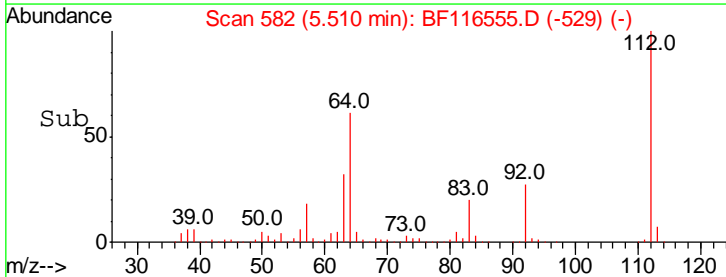
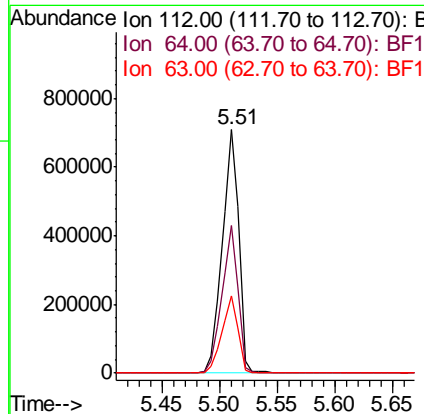
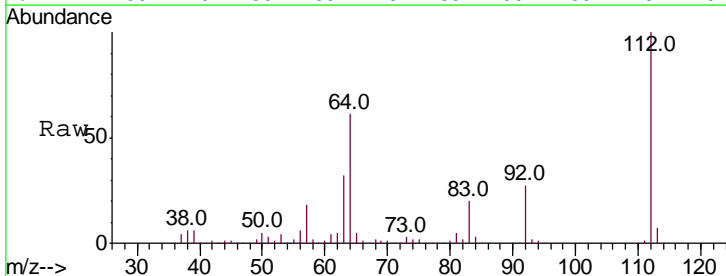
Instrument :
 BNA_F
 ClientSampled :

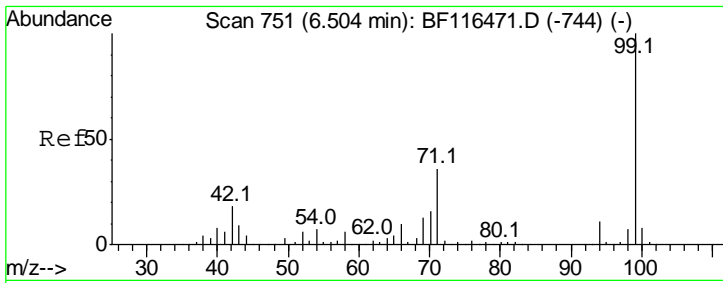
Tgt Ion	Resp	Lower	Upper
152	137598		
152	100		
150	158.1	126.7	190.1
115	65.4	50.9	76.3



#5
 2-Fluorophenol
 Concen: 74.755 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Tgt Ion	Resp	Lower	Upper
112	703976		
112	100		
64	60.7	46.3	69.5
63	31.9	24.2	36.4

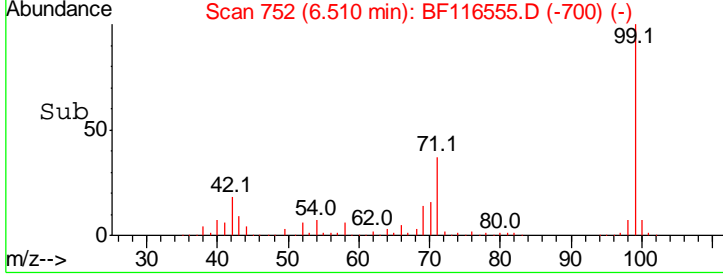
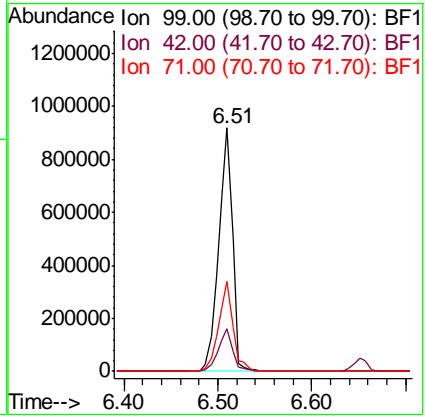
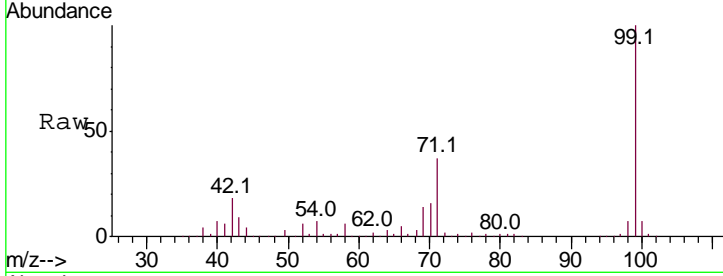




#7
 Phenol-d6
 Concen: 81.255 ng
 RT: 6.51 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

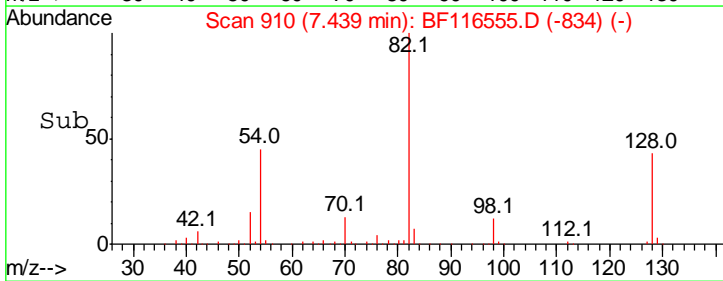
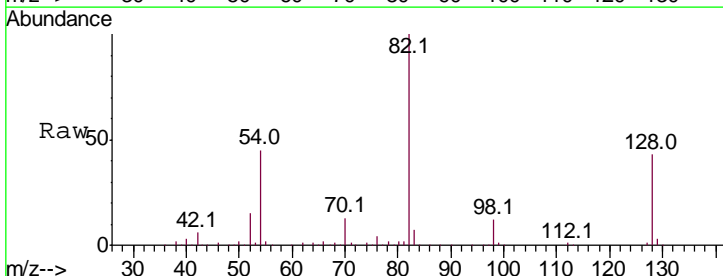
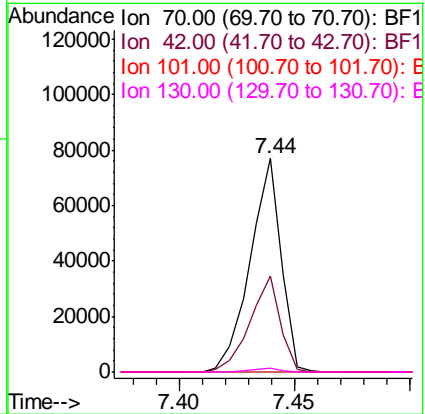
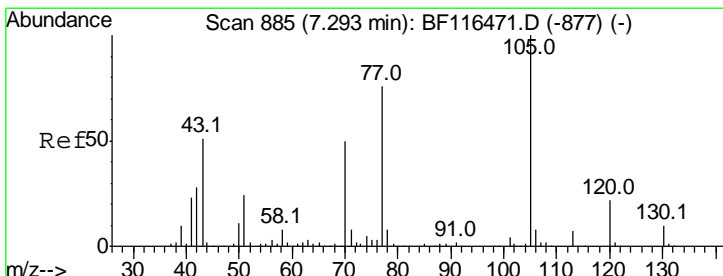
Instrument :
 BNA_F
 ClientSampled :

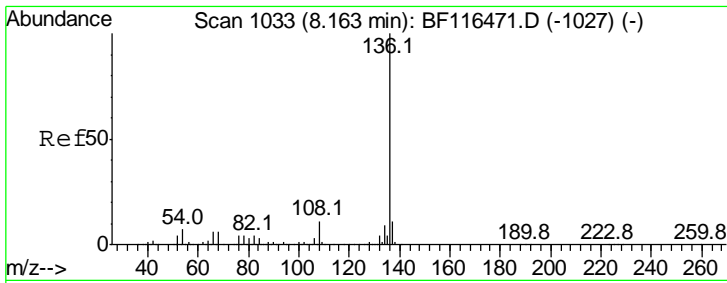
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	37.2	28.5	42.7



#19
 n-Nitroso-di-n-propylamine
 Concen: 9.163 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.15 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Tgt Ion	Resp	Lower	Upper
70	100		
42	45.0	44.4	66.6
101	0.0	7.1	10.7#
130	1.9	15.8	23.8#

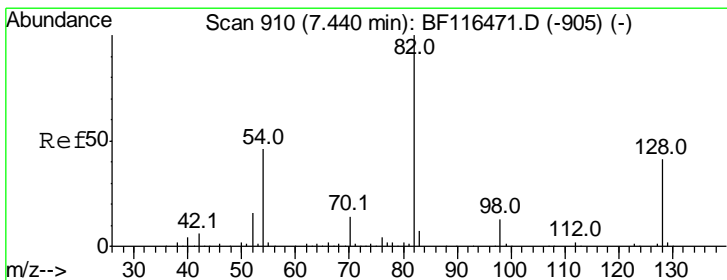
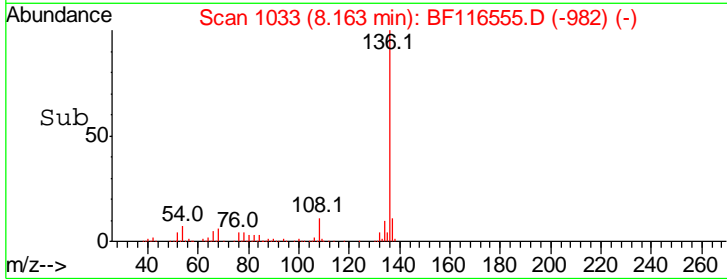
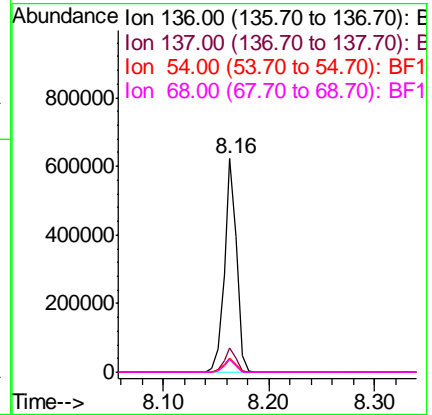
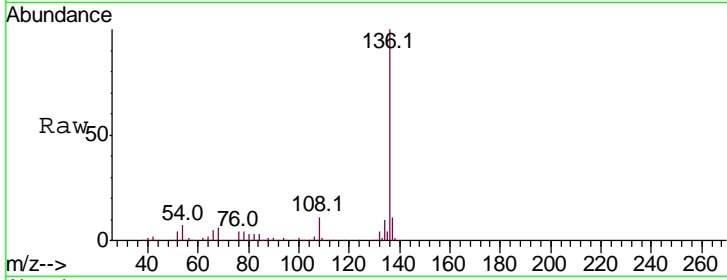




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

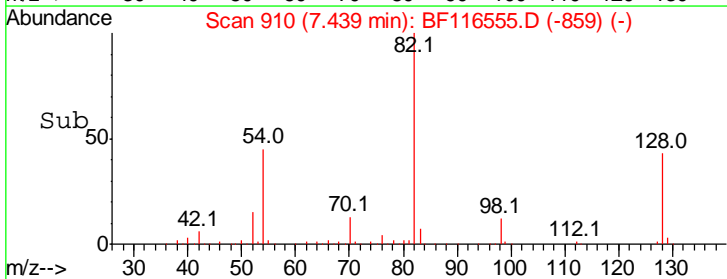
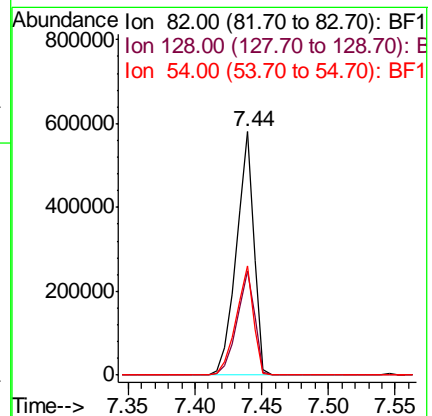
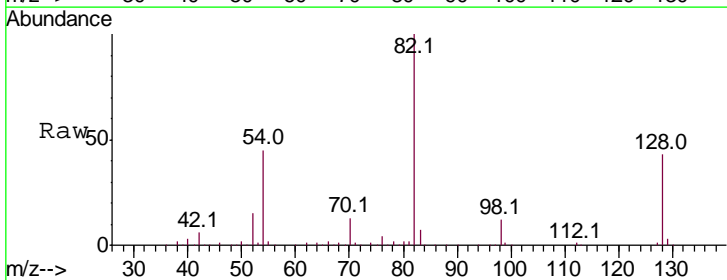
Instrument :
 BNA_F
 ClientSampled :

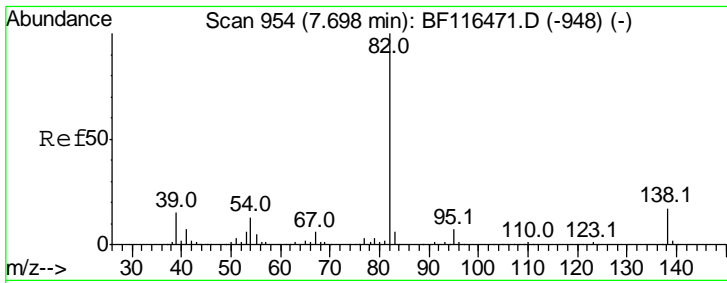
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.8	5.8	8.6
68	5.9	5.1	7.7



#23
 Nitrobenzene-d5
 Concen: 58.007 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Tgt Ion	Resp	Lower	Upper
82	100		
128	42.7	32.2	48.4
54	44.7	36.5	54.7

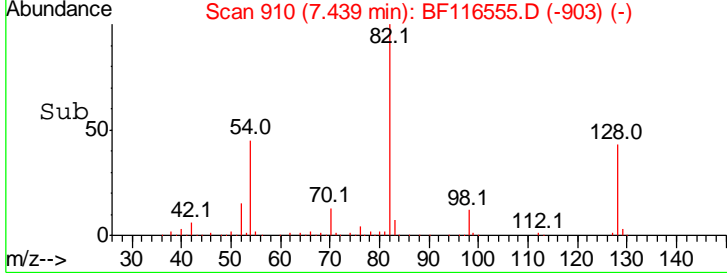
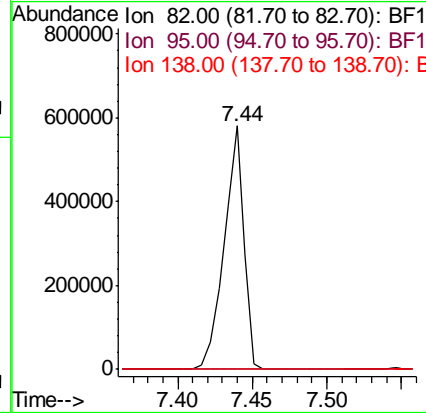
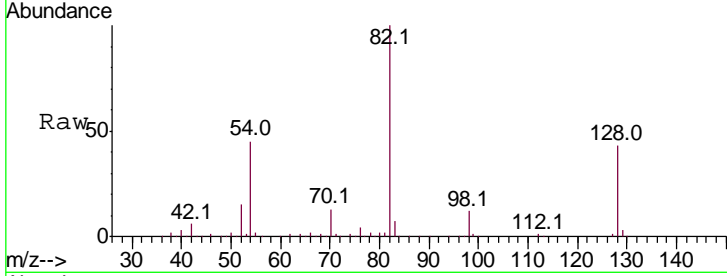




#25
 Isophorone
 Concen: 29.424 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

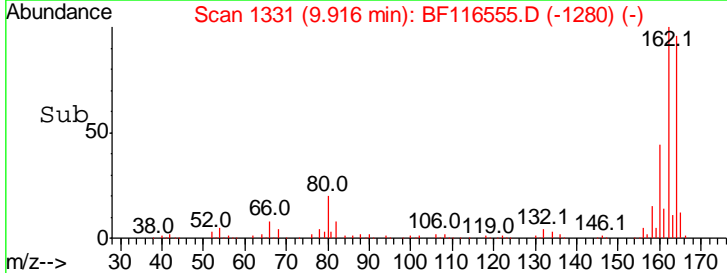
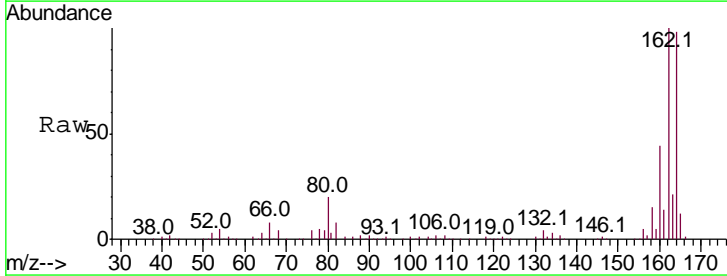
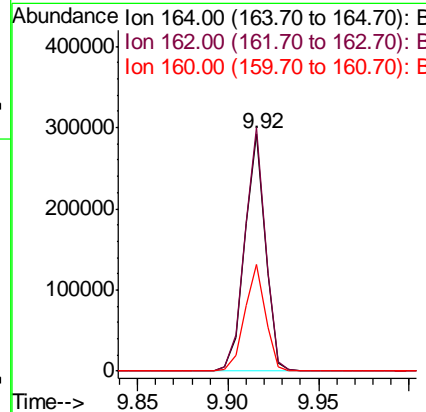
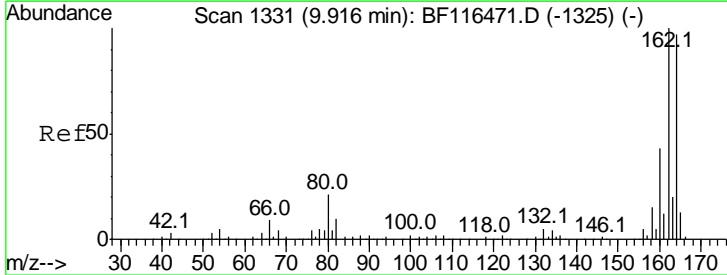
Instrument :
 BNA_F
 ClientSampled :

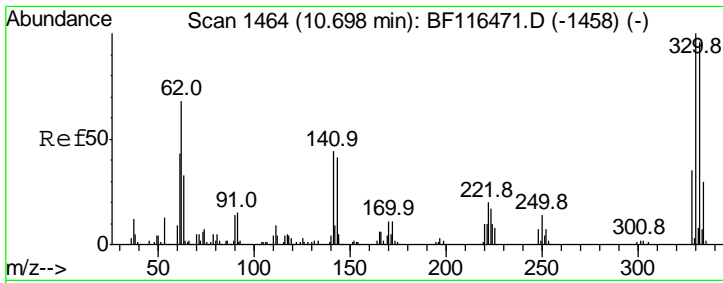
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Tgt Ion	Resp	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	45.1	35.8	53.8

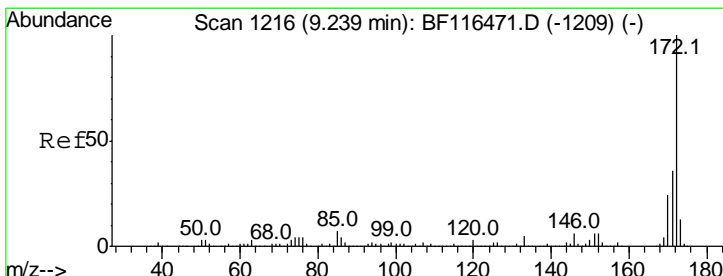
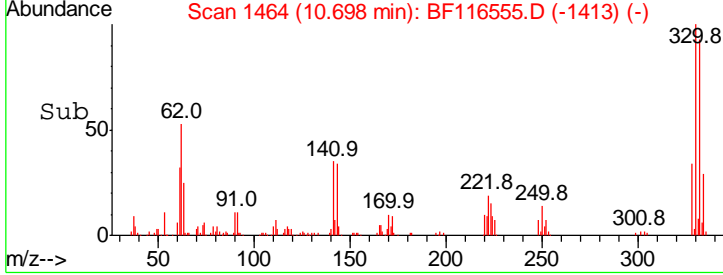
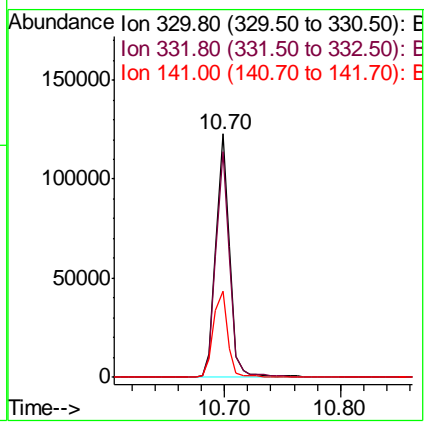
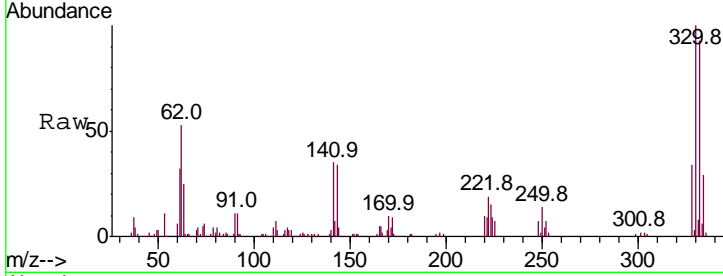




#42
 2,4,6-Tribromophenol
 Concen: 51.196 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

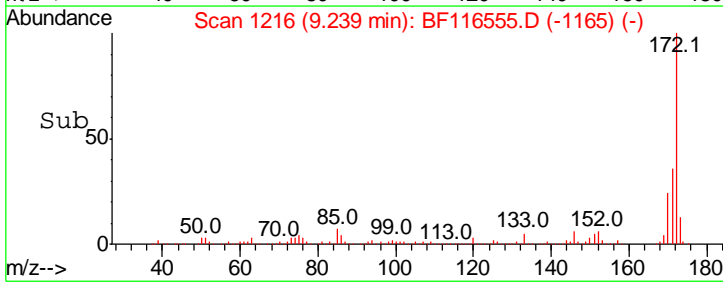
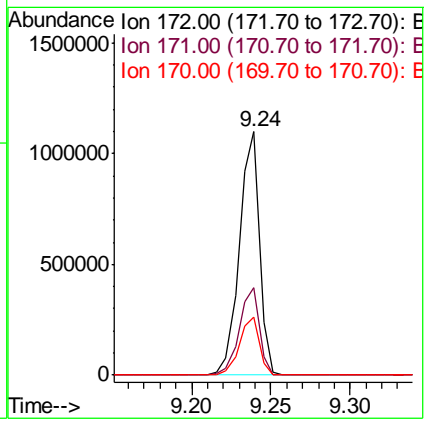
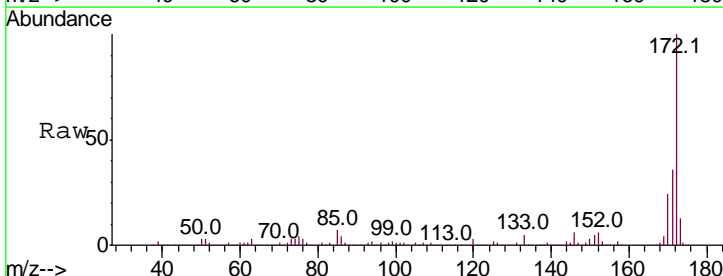
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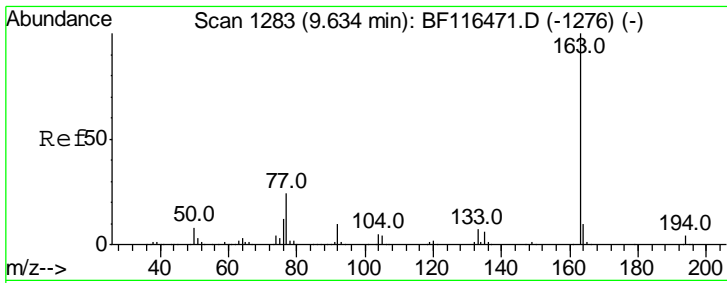
Tgt Ion	Resp	Lower	Upper
330	101828		
332	92.8	77.2	115.8
141	37.3	33.3	49.9



#45
 2-Fluorobiphenyl
 Concen: 67.315 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Tgt Ion	Resp	Lower	Upper
172	968229		
171	35.9	28.9	43.3
170	24.0	19.4	29.0

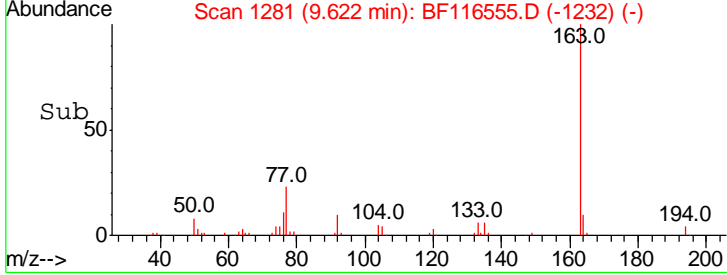
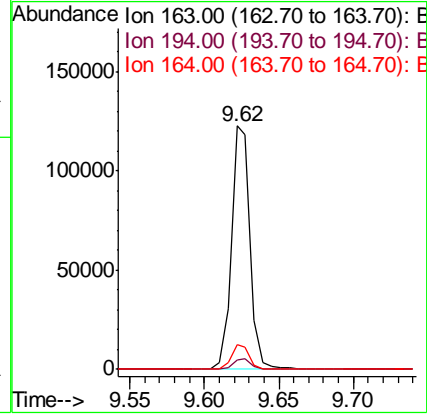
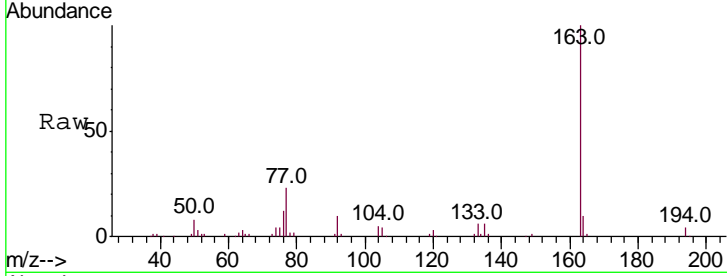




#50
 Dimethylphthalate
 Concen: 6.704 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

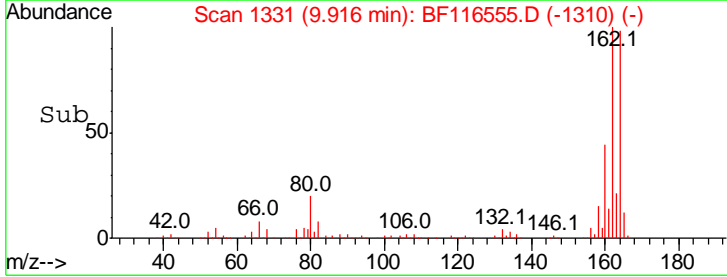
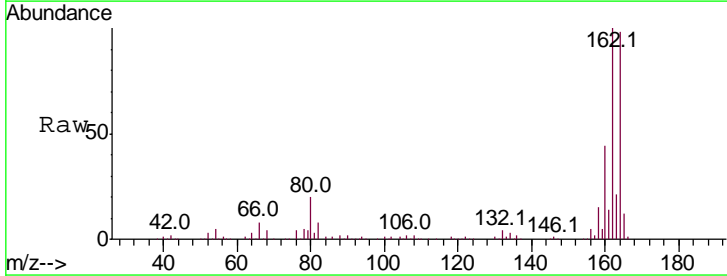
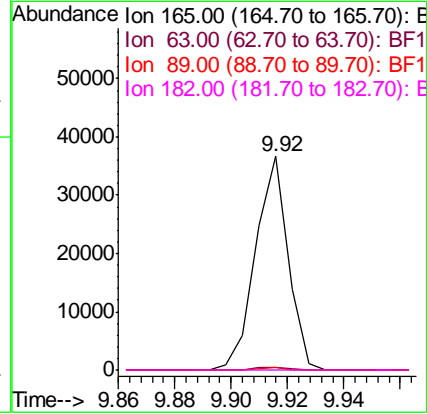
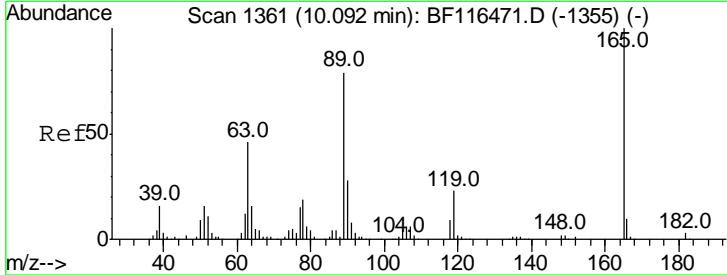
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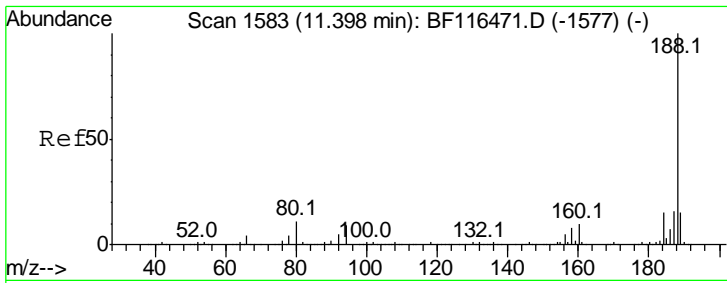
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.4	8.2	12.2



#57
 2,4-Dinitrotoluene
 Concen: 6.976 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.3	36.9	55.3#
89	1.4	63.4	95.0#
182	0.0	2.1	3.1#

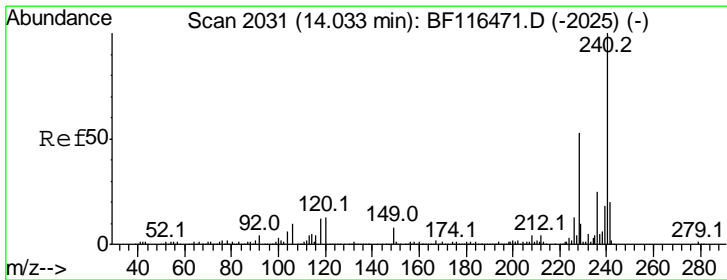
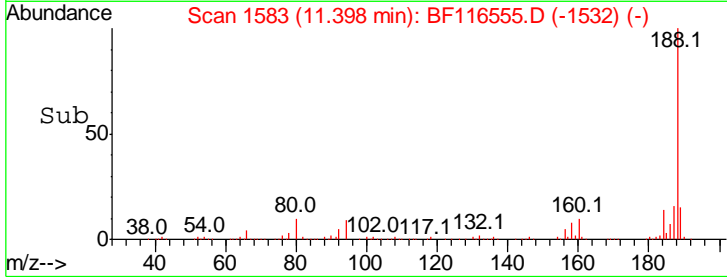
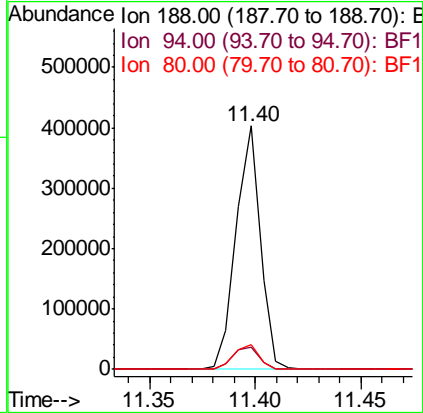
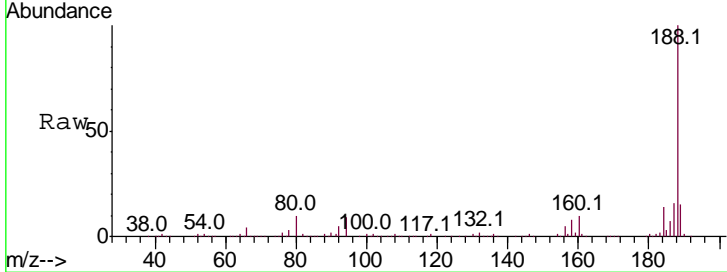




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

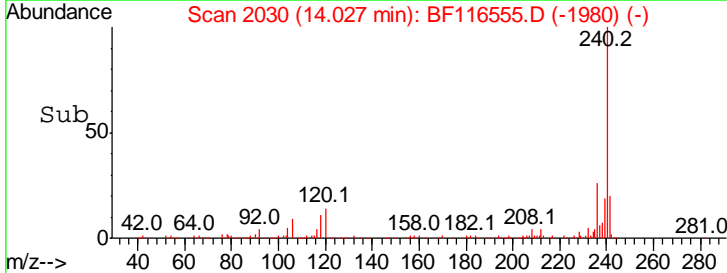
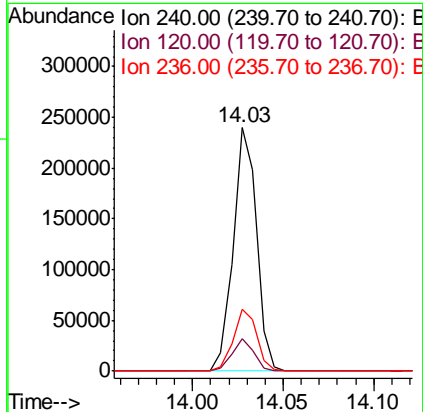
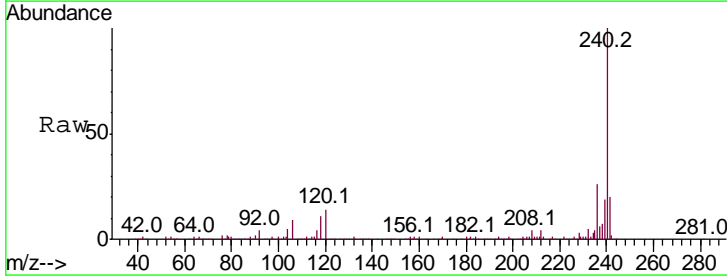
Instrument :
 BNA_F
 ClientSampled :

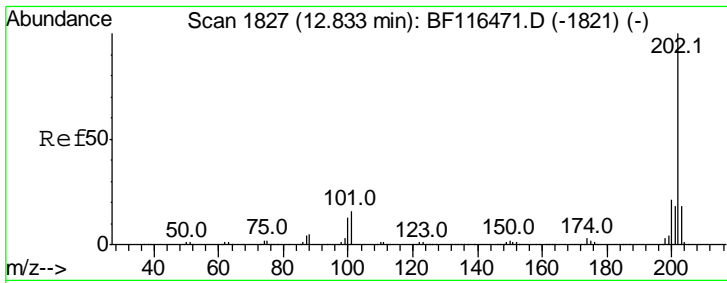
Tgt Ion	Resp	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	10.0	8.6	12.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Tgt Ion	Resp	Lower	Upper
240	100		
120	13.6	10.5	15.7
236	25.7	20.2	30.2



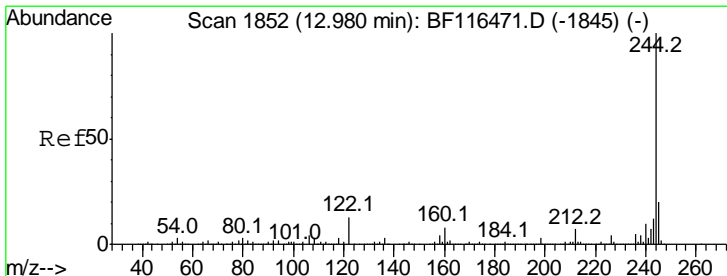
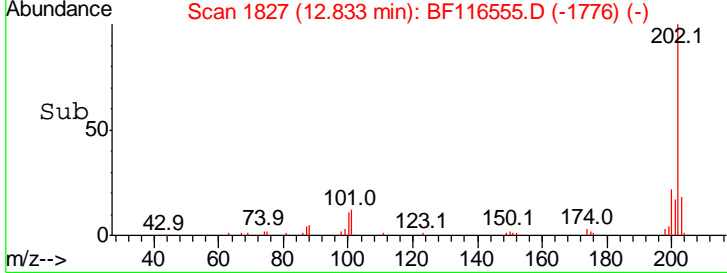
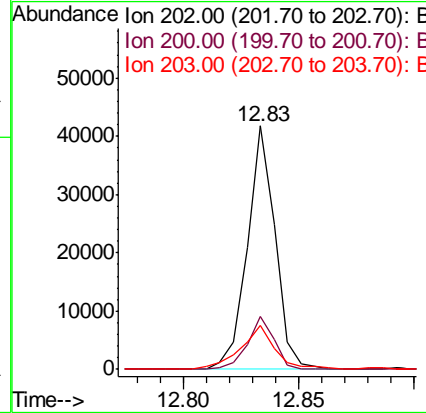
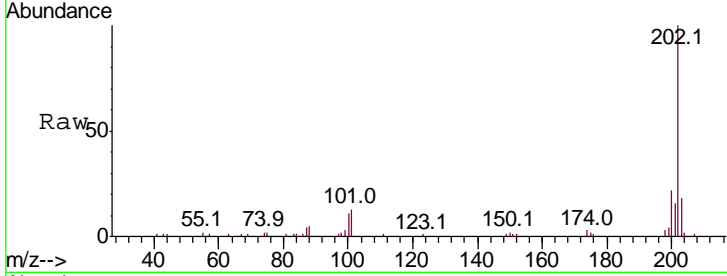


#78
 Pyrene
 Concen: 2.048 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 202 Resp: 35186

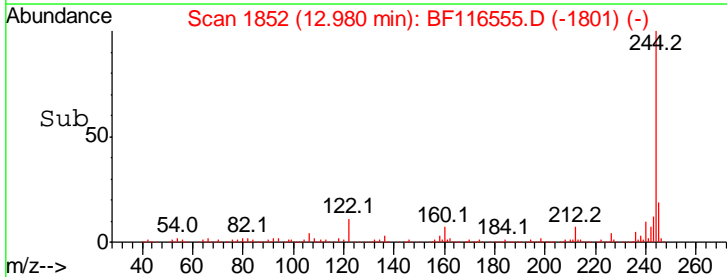
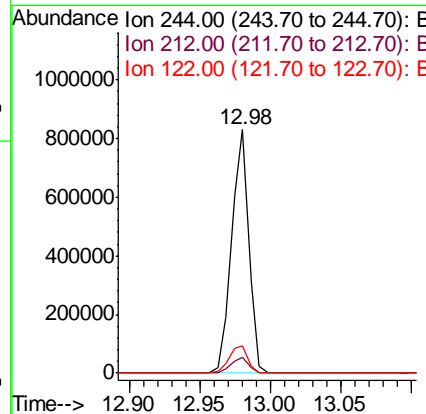
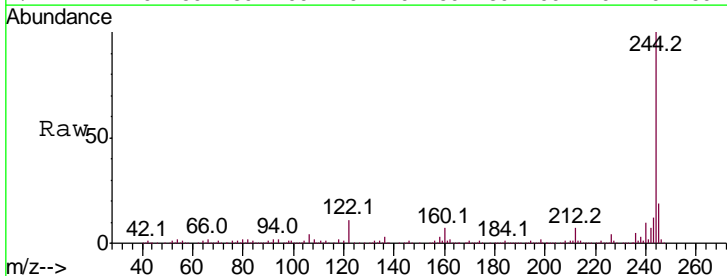
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.1	14.2	21.4

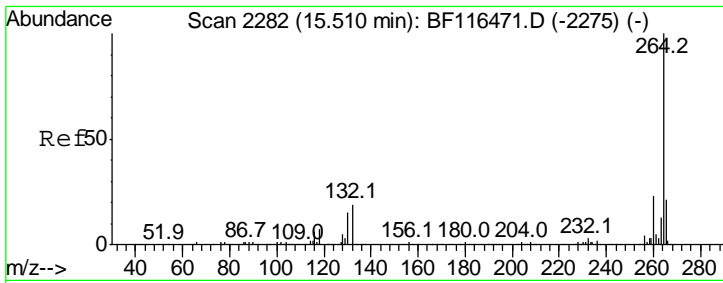


#79
 Terphenyl-d14
 Concen: 60.851 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Tgt Ion: 244 Resp: 700031

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.5	10.2	15.4





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF116555.D
 Acq: 26 Aug 2019 4:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 185626

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	20.6	17.1	25.7

