

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122951.D
 Acq On : 8 Jan 2021 20:35
 Operator : JU/CG
 Sample : L5246-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5

Quant Time: Jan 08 23:33:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 16:17:19 2021
 Response via : Initial Calibration

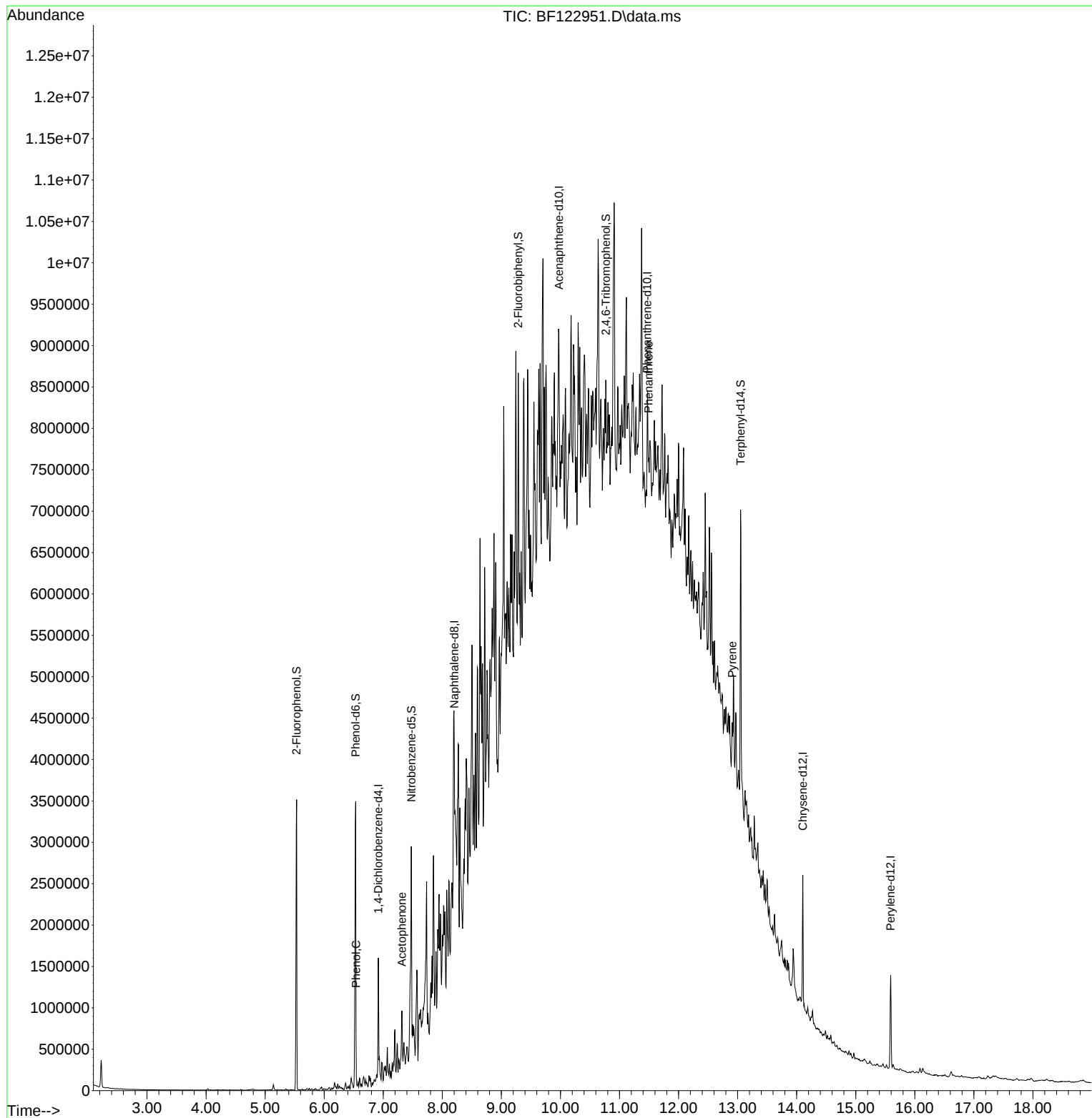
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	188161	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	698596	20.00	ng	# 0.00
39) Acenaphthene-d10	9.975	164	302825	20.00	ng	# 0.01
64) Phenanthrene-d10	11.469	188	548926	20.00	ng	# 0.02
76) Chrysene-d12	14.104	240	494553	20.00	ng	0.00
86) Perylene-d12	15.592	264	506876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1043797	83.28	ng	0.00
7) Phenol-d6	6.534	99	1345799	79.12	ng	0.00
23) Nitrobenzene-d5	7.475	82	804597	56.95	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	328697	96.10	ng	0.01
45) 2-Fluorobiphenyl	9.286	172	1292240	60.49	ng	0.00
79) Terphenyl-d14	13.051	244	1239243	46.43	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.539	94	34183	2.03	ng	98
22) Acetophenone	7.316	105	80608	4.37	ng	# 58
71) Phenanthrene	11.492	178	119390	3.84	ng	# 63
78) Pyrene	12.910	202	264892	6.89	ng	# 95

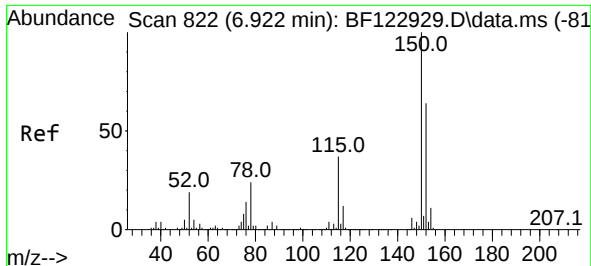
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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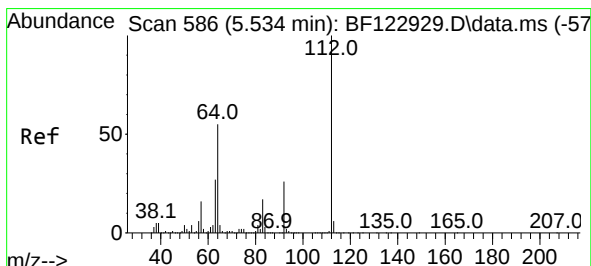
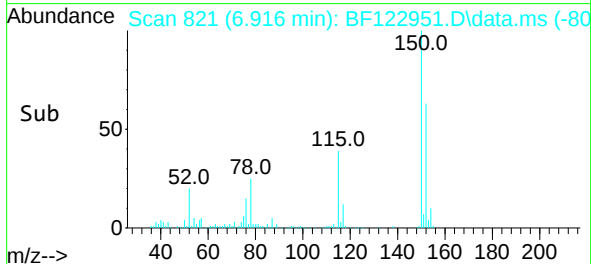
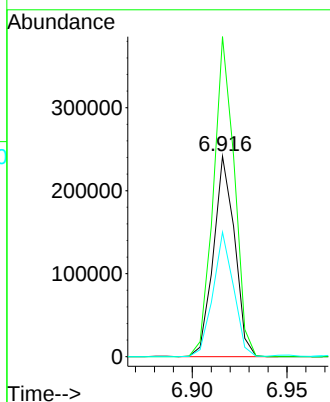
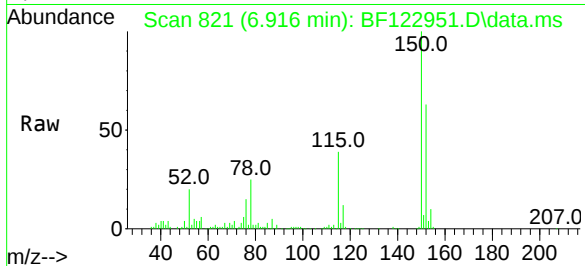




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

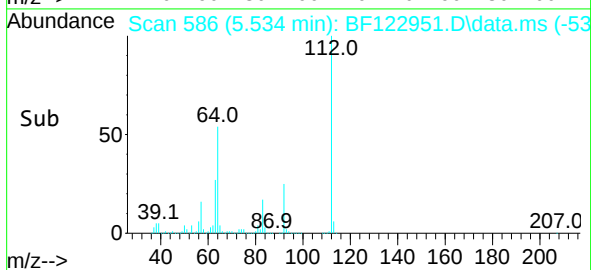
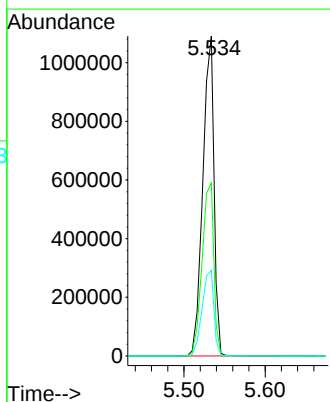
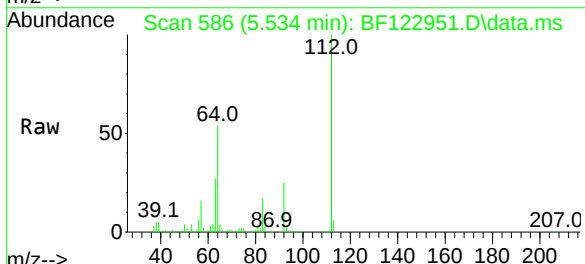
Instrument :
BNA_F
ClientSampleId :
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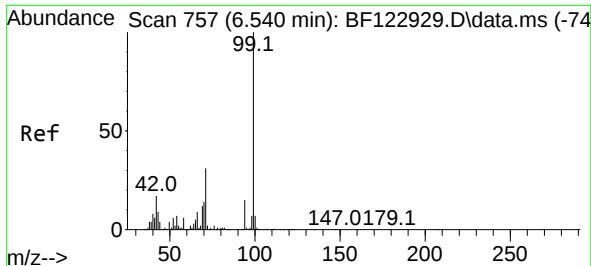
Tgt Ion:152 Resp: 188161
Ion Ratio Lower Upper
152 100
150 159.7 125.8 188.6
115 62.1 49.3 73.9



#5
2-Fluorophenol
Concen: 83.28 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

Tgt Ion:112 Resp: 1043797
Ion Ratio Lower Upper
112 100
64 54.1 46.9 70.3
63 26.8 24.5 36.7

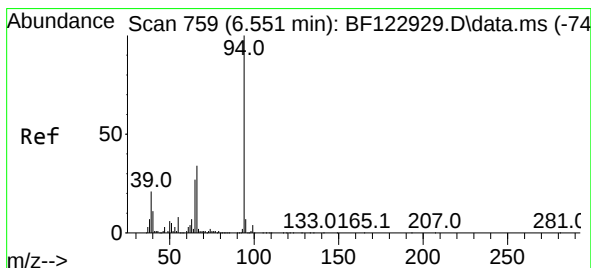
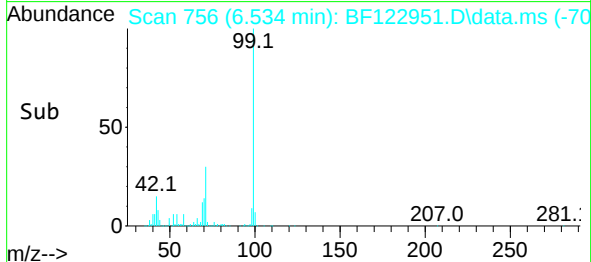
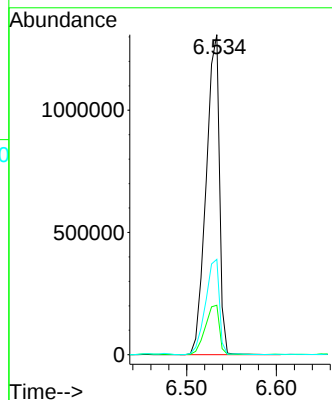
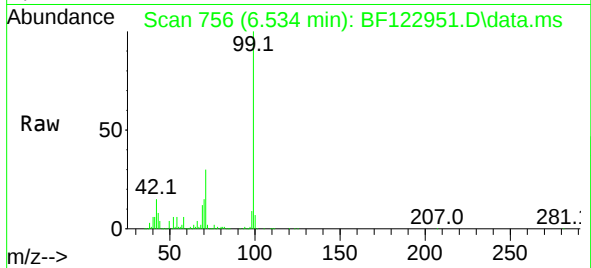




#7
Phenol-d6
Concen: 79.12 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

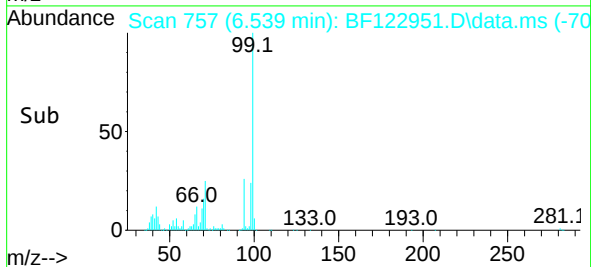
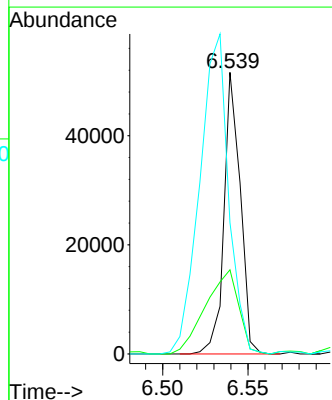
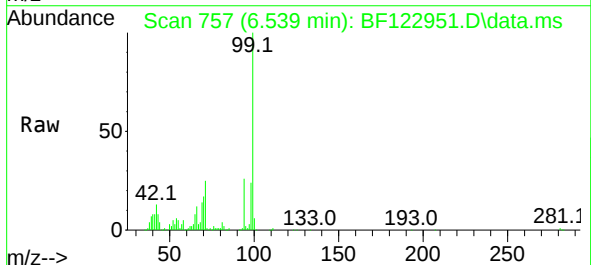
Instrument :
BNA_F
ClientSampleId :
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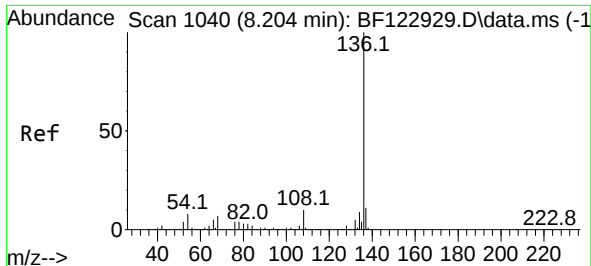
Tgt Ion: 99 Resp: 1345799
Ion Ratio Lower Upper
99 100
42 15.4 13.8 20.6
71 29.8 26.9 40.3



#10
Phenol
Concen: 2.03 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

Tgt Ion: 94 Resp: 34183
Ion Ratio Lower Upper
94 100
65 29.9 11.2 51.2
66 46.7 25.8 65.8

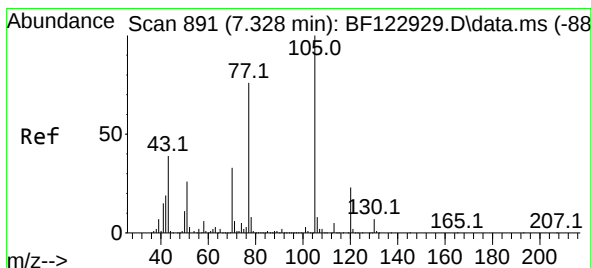
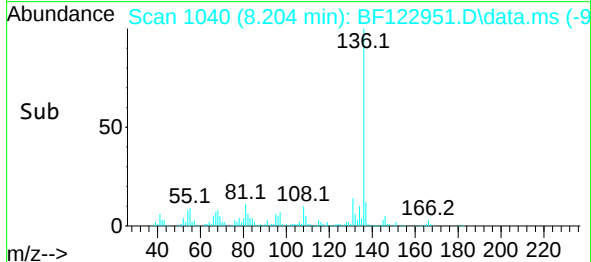
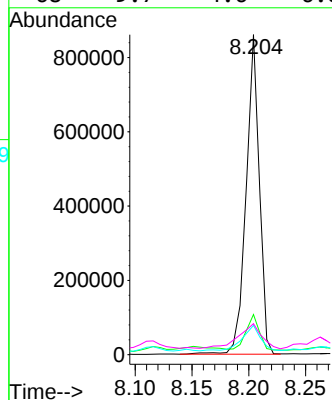
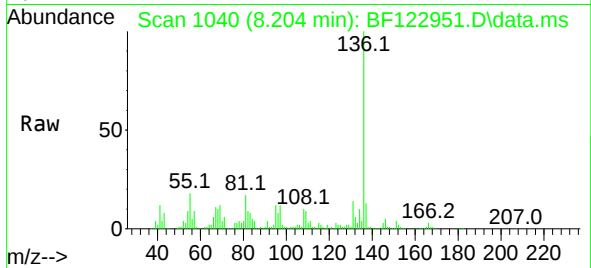




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

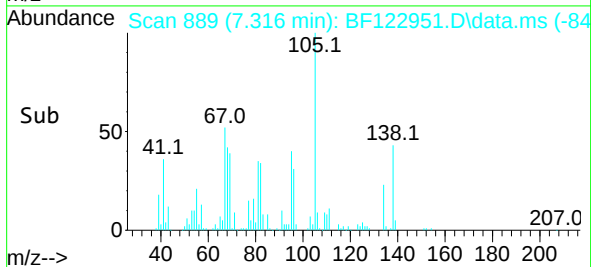
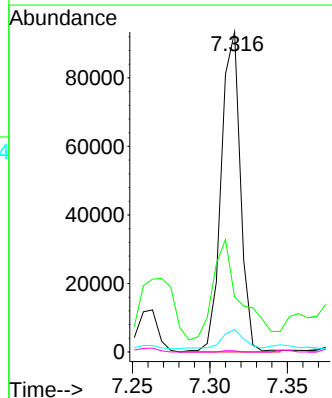
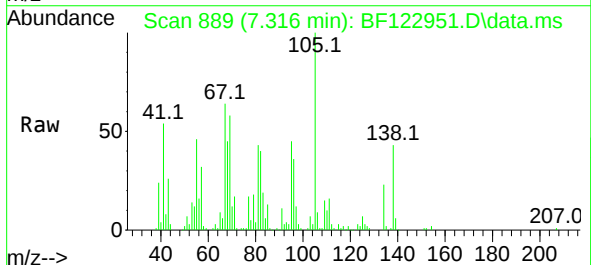
Instrument :
BNA_F
ClientSampled :
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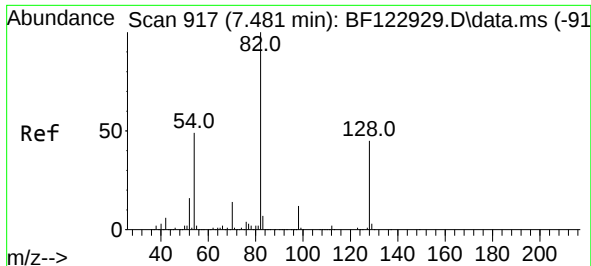
Tgt	Ion:136	Resp:	698596
Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.8	13.2
54	9.1	5.5	8.3#
68	9.7	4.6	6.8#



#22
Acetophenone
Concen: 4.37 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

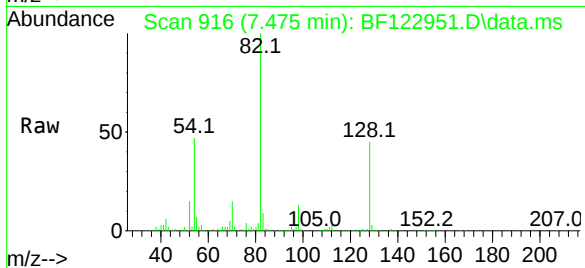
Tgt	Ion:105	Resp:	80608
Ion	Ratio	Lower	Upper
105	100		
71	17.2	6.5	9.7#
51	7.0	24.3	36.5#
120	0.4	18.1	27.1#



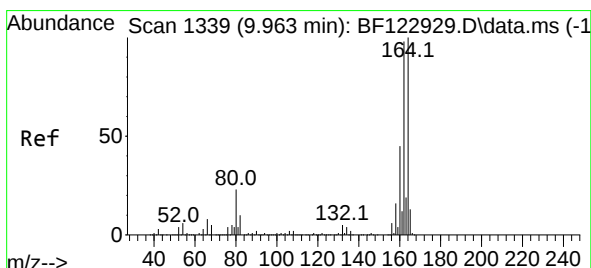
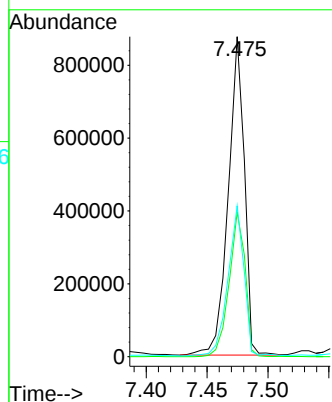
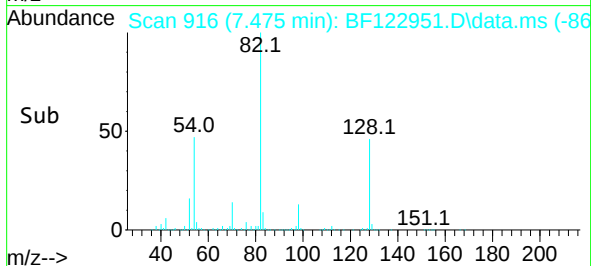


#23
Nitrobenzene-d5
Concen: 56.95 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

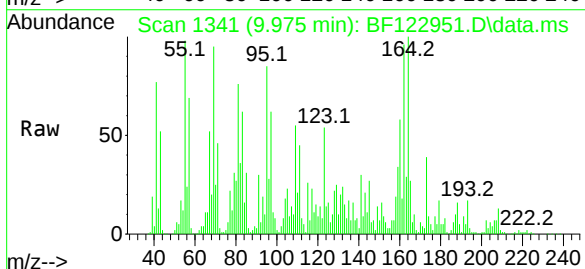
Instrument :
BNA_F
ClientSampleId :
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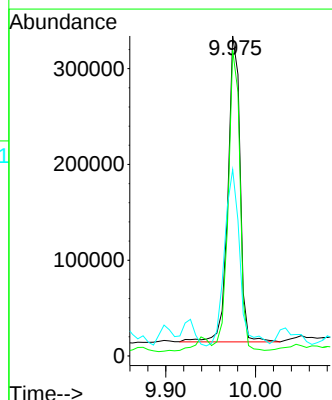
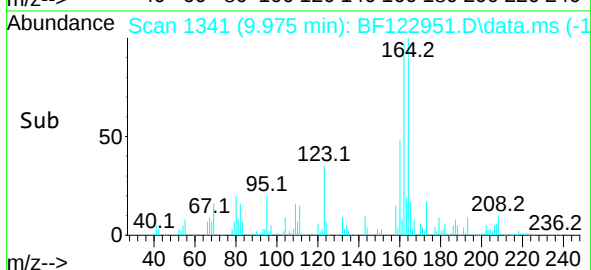
Tgt Ion: 82 Resp: 804597
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.4
54 47.1 38.4 57.6

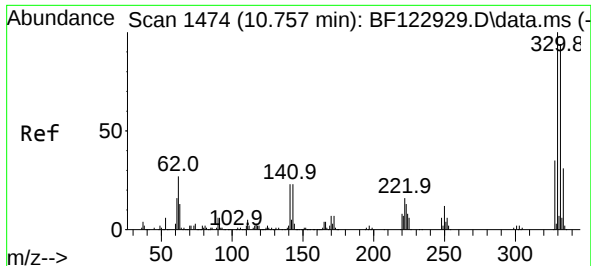


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35



Tgt Ion: 164 Resp: 302825
Ion Ratio Lower Upper
164 100
162 95.6 80.8 121.2
160 58.2 35.4 53.0#

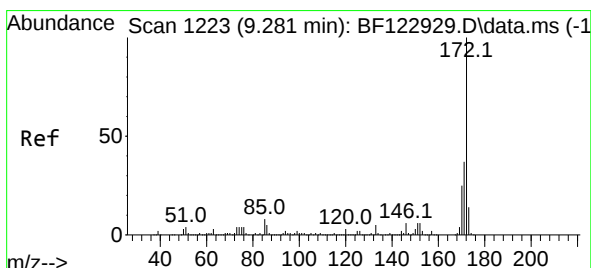
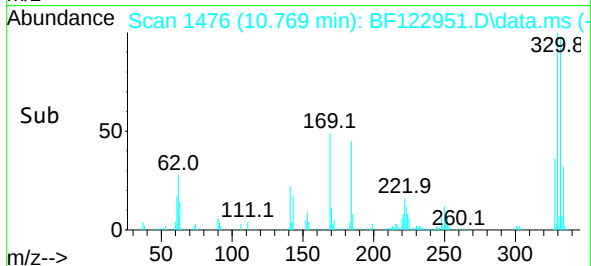
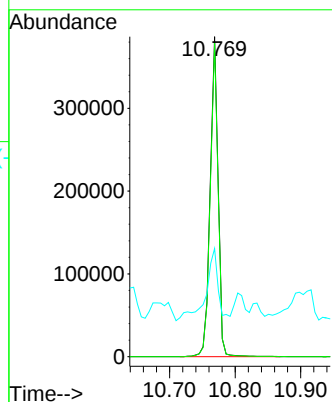
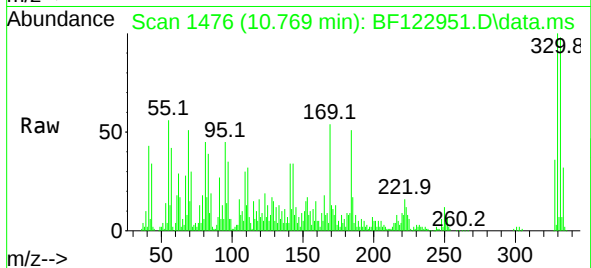




#42
2,4,6-Tribromophenol
Concen: 96.10 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.012 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

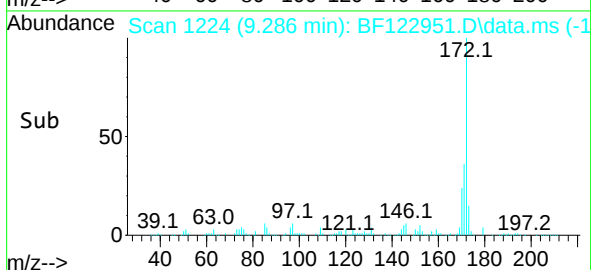
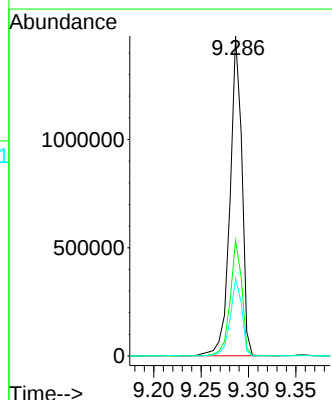
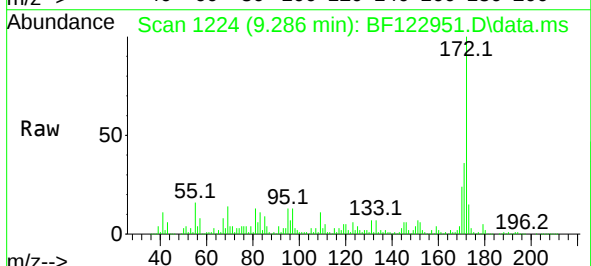
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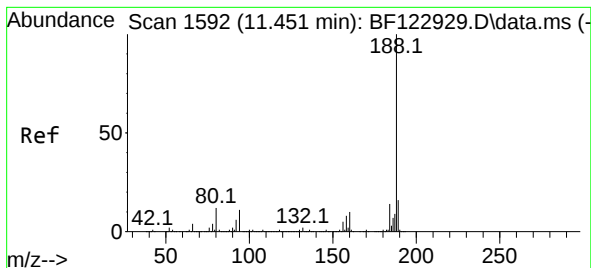
Tgt Ion:330 Resp: 328697
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 34.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 60.49 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.005 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

Tgt Ion:172 Resp: 1292240
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.2 19.5 29.3

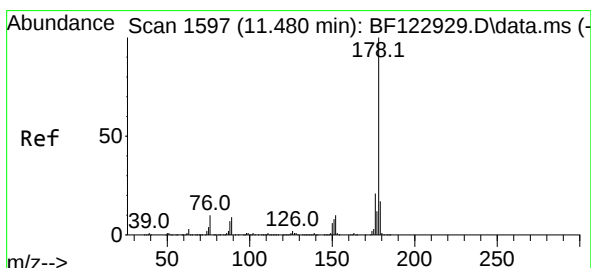
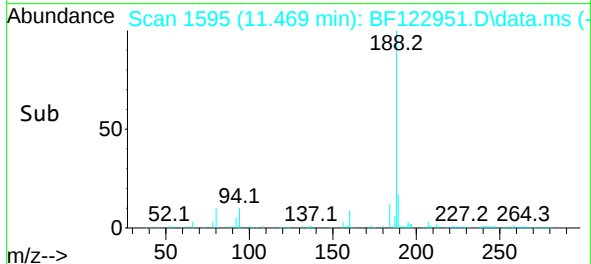
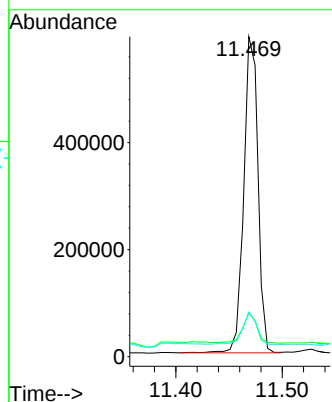
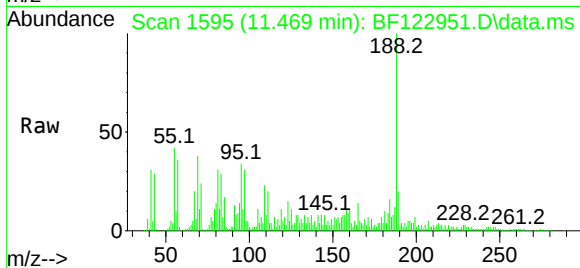




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.018 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

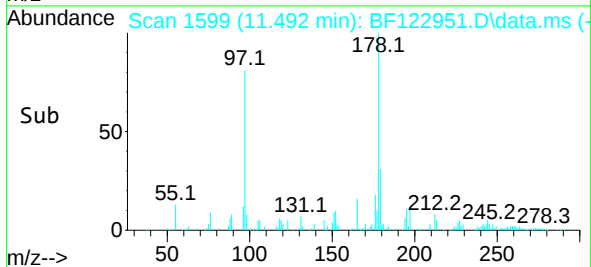
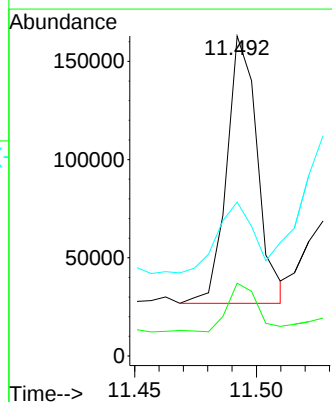
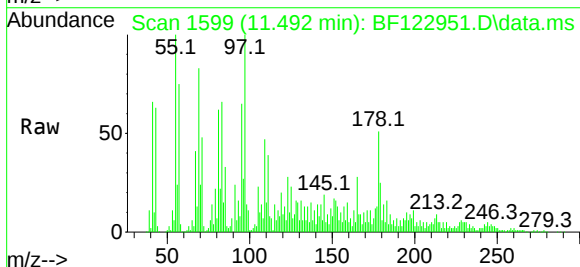
Instrument :
BNA_F
ClientSampled :
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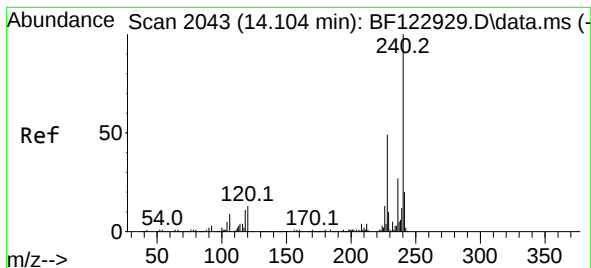
Tgt Ion:188 Resp: 548926
Ion Ratio Lower Upper
188 100
94 13.7 7.4 11.2#
80 13.9 8.2 12.4#



#71
Phenanthrene
Concen: 3.84 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

Tgt Ion:178 Resp: 119390
Ion Ratio Lower Upper
178 100
176 22.8 16.2 24.2
179 48.1 12.7 19.1#

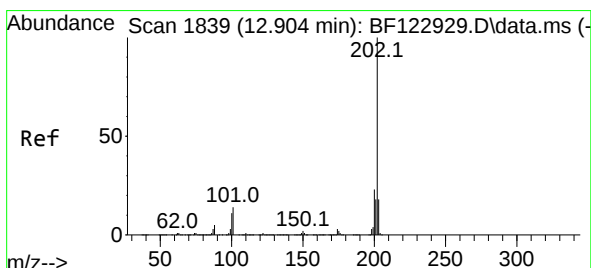
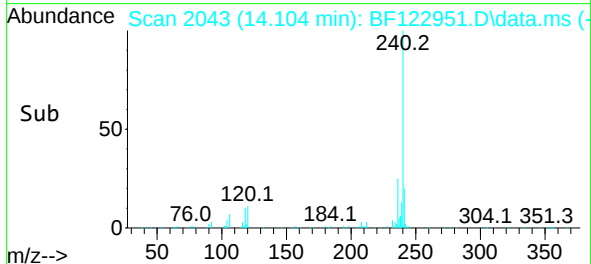
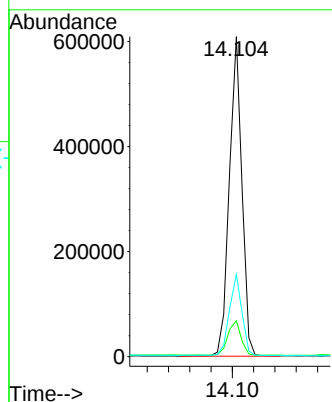
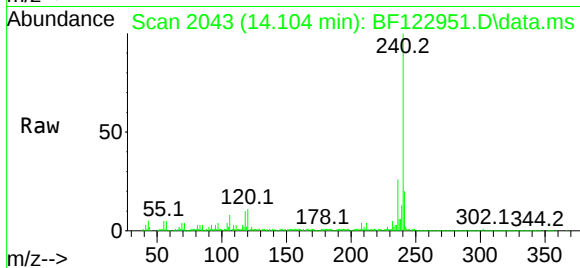




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

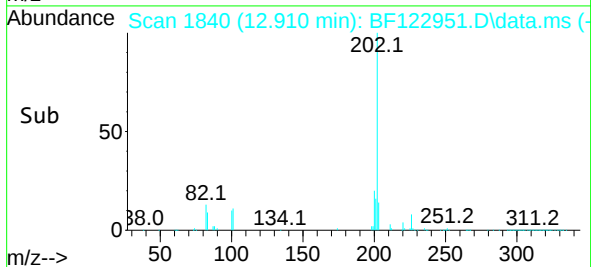
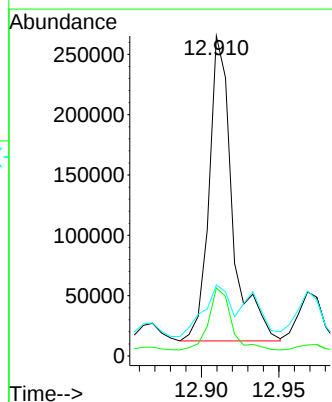
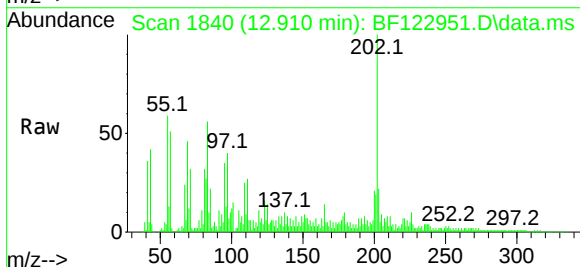
Instrument :
BNA_F
ClientSampled :
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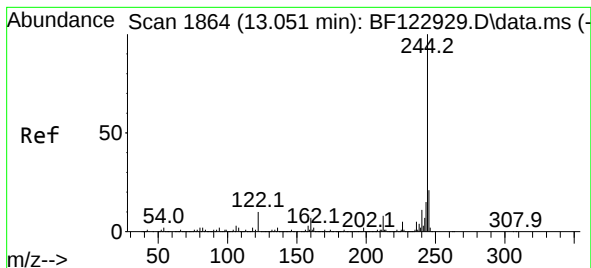
Tgt Ion:240 Resp: 494553
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.7 20.3 30.5



#78
Pyrene
Concen: 6.89 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF122951.D
Acq: 8 Jan 2021 20:35

Tgt Ion:202 Resp: 264892
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 22.2 14.6 21.8#

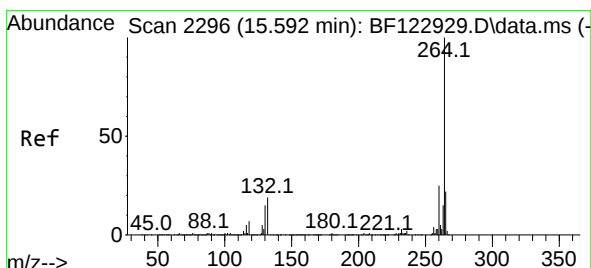
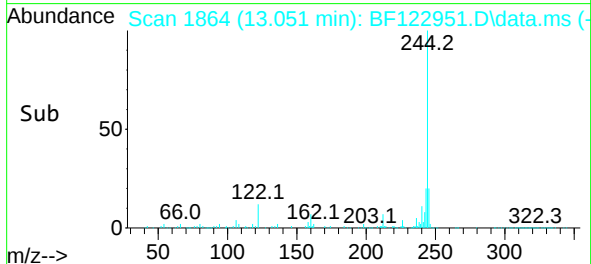
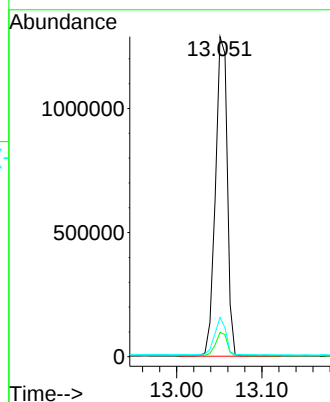
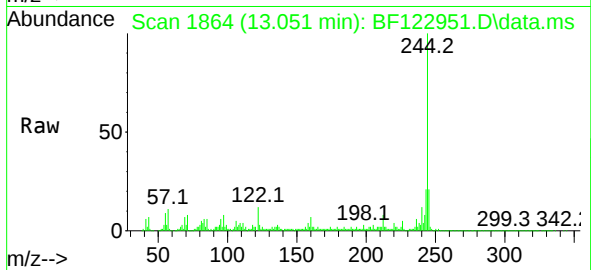




#79
 Terphenyl-d14
 Concen: 46.43 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: BF122951.D
 Acq: 8 Jan 2021 20:35

Instrument :
 BNA_F
 ClientSampled :
 5

Tgt Ion:244 Resp: 1239243
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 12.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. -0.000 min
 Lab File: BF122951.D
 Acq: 8 Jan 2021 20:35

Tgt Ion:264 Resp: 506876
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.9 17.0 25.6

