

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122956.D
 Acq On : 8 Jan 2021 23:08
 Operator : JU/CG
 Sample : M1038-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TC-1A

Quant Time: Jan 08 23:40:19 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)

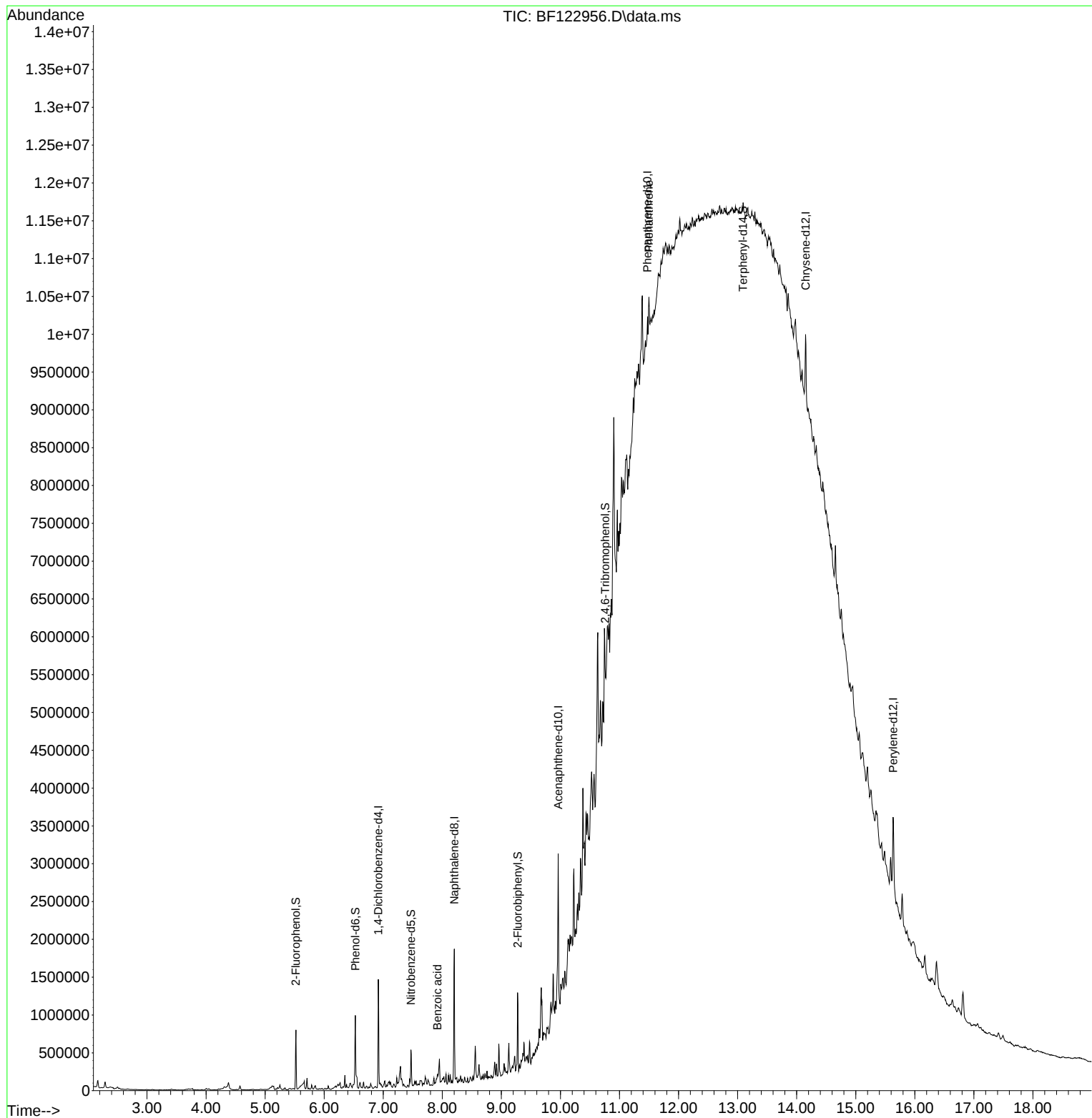
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	198860	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	744516	20.00	ng	0.00
39) Acenaphthene-d10	9.963	164	362573	20.00	ng	0.00
64) Phenanthrene-d10	11.474	188	409802	20.00	ng	# 0.02
76) Chrysene-d12	14.151	240	427747	20.00	ng	# 0.05
86) Perylene-d12	15.633	264	480754	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	200852	15.16	ng	-0.01
7) Phenol-d6	6.528	99	266920	14.85	ng	-0.01
23) Nitrobenzene-d5	7.469	82	145023	9.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	55879	13.64	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	310944	12.16	ng	0.00
79) Terphenyl-d14	13.092	244	174705	7.57	ng	0.04
Target Compounds						Qvalue
32) Benzoic acid	7.916	122	27488	3.10	ng	97
71) Phenanthrene	11.498	178	149929	6.46	ng	# 52

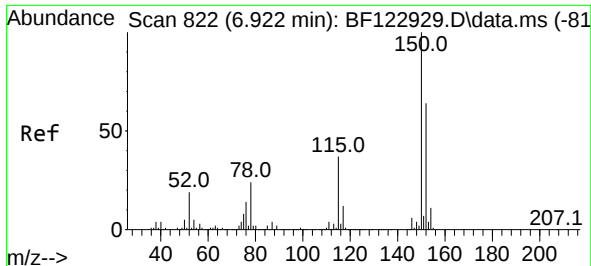
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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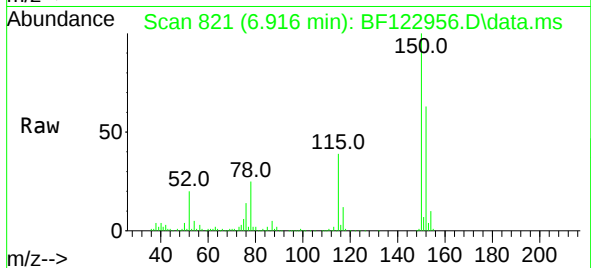
Quant Time: Jan 08 23:40:19 2021
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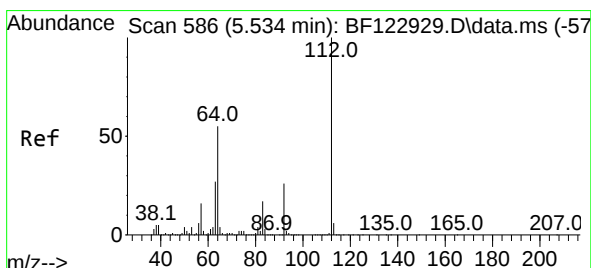
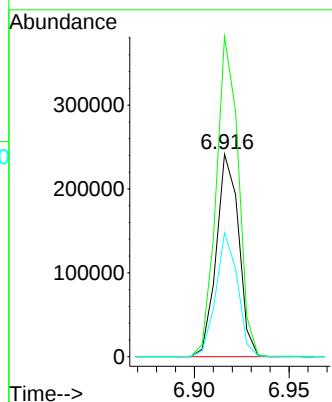
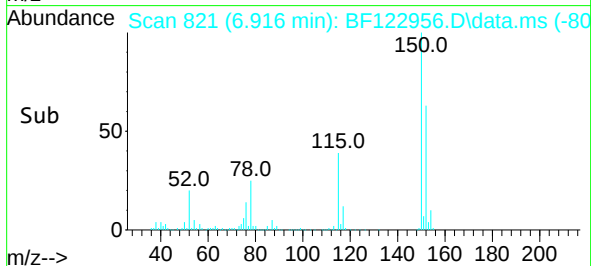


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

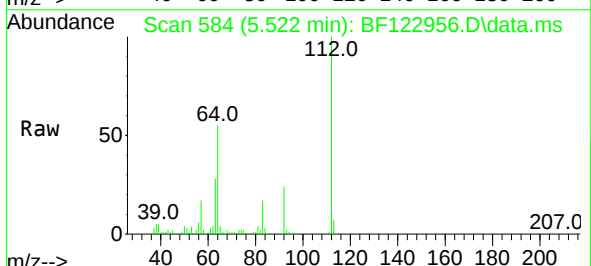
Instrument :
BNA_F
ClientSampleId :
TC-1A



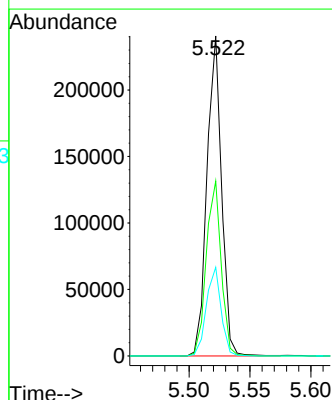
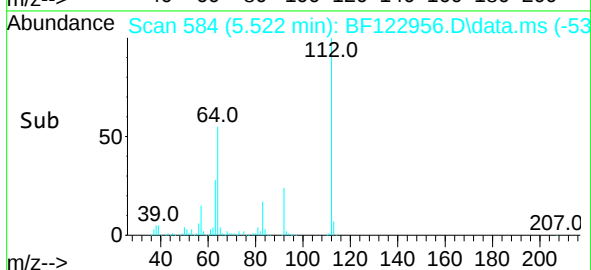
Tgt Ion:152 Resp: 198860
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 61.1 49.3 73.9

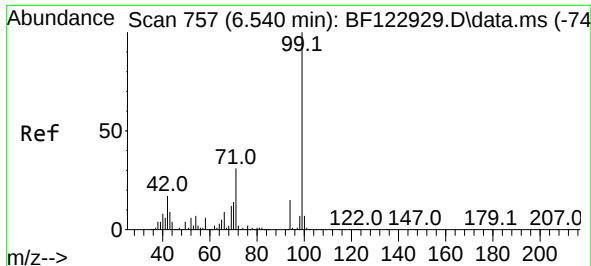


#5
2-Fluorophenol
Concen: 15.16 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.012 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08



Tgt Ion:112 Resp: 200852
Ion Ratio Lower Upper
112 100
64 54.7 46.9 70.3
63 27.7 24.5 36.7

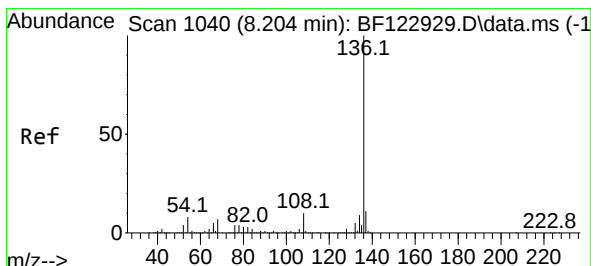
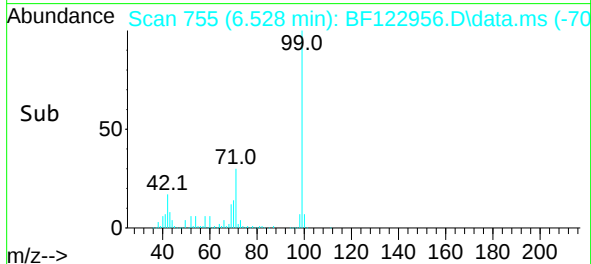
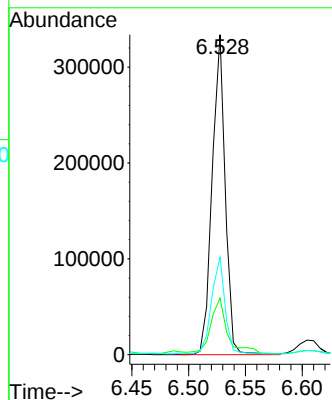
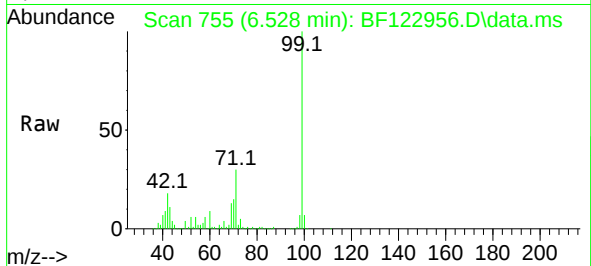




#7
Phenol-d6
Concen: 14.85 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

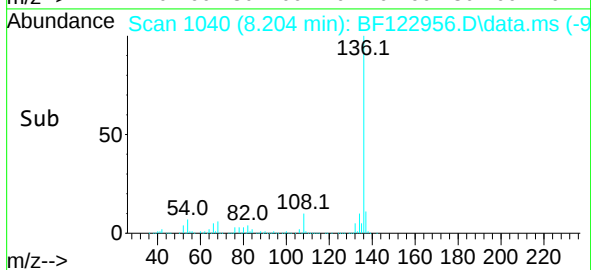
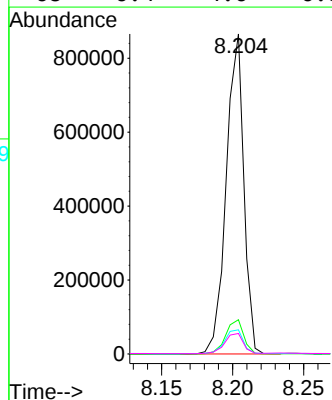
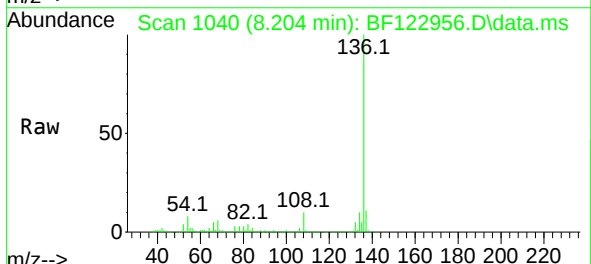
Instrument :
BNA_F
ClientSampled :
TC-1A

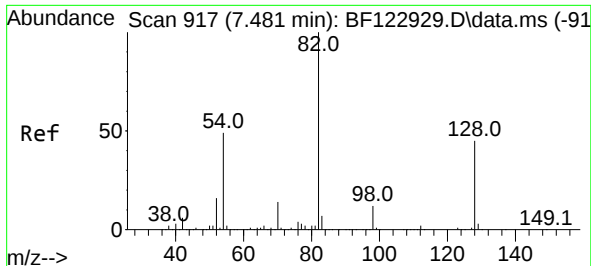
Tgt Ion: 99 Resp: 266920
Ion Ratio Lower Upper
99 100
42 17.7 13.8 20.6
71 30.5 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

Tgt Ion: 136 Resp: 744516
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 5.5 8.3
68 6.4 4.6 6.8

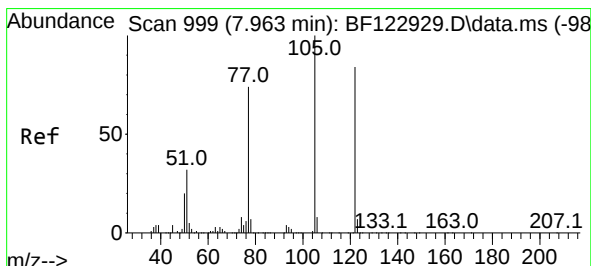
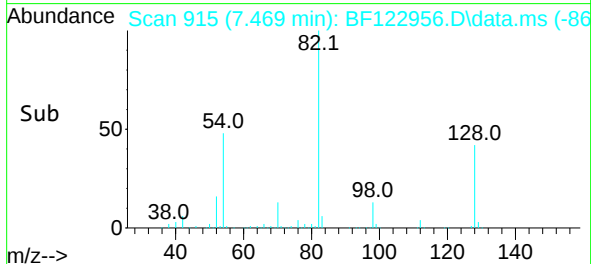
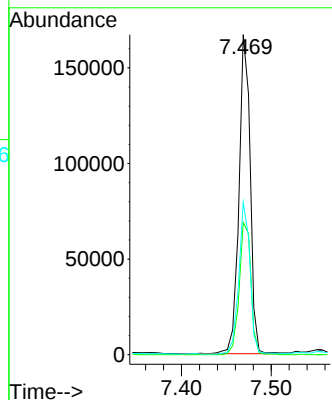
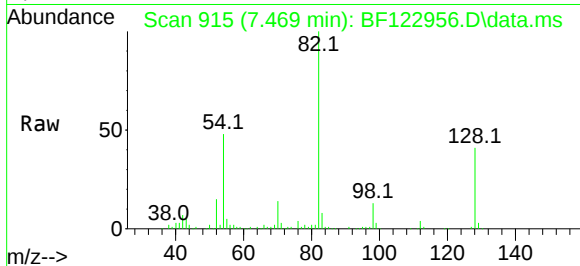




#23
Nitrobenzene-d5
Concen: 9.63 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

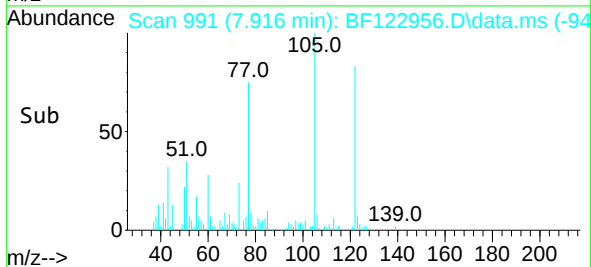
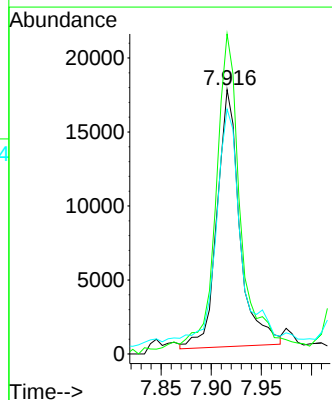
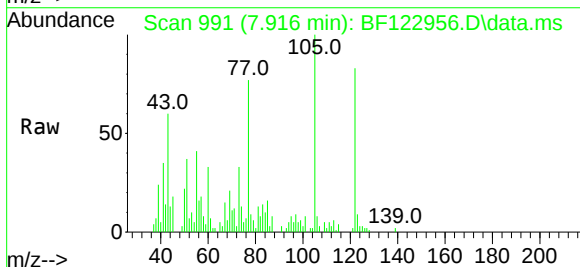
Instrument :
BNA_F
ClientSampled :
TC-1A

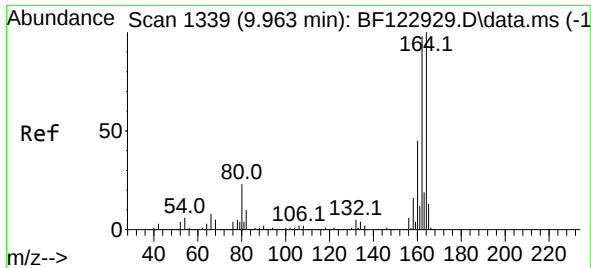
Tgt Ion: 82 Resp: 145023
Ion Ratio Lower Upper
82 100
128 41.3 37.0 55.4
54 47.6 38.4 57.6



#32
Benzoic acid
Concen: 3.10 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.047 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

Tgt Ion:122 Resp: 27488
Ion Ratio Lower Upper
122 100
105 121.0 104.8 144.8
77 92.6 71.0 111.0

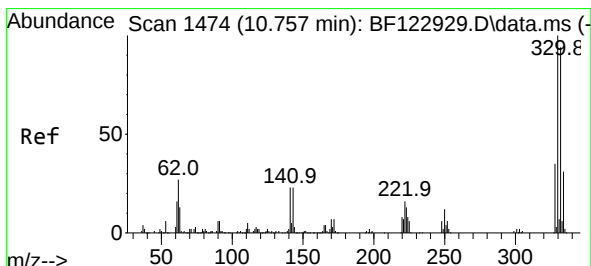
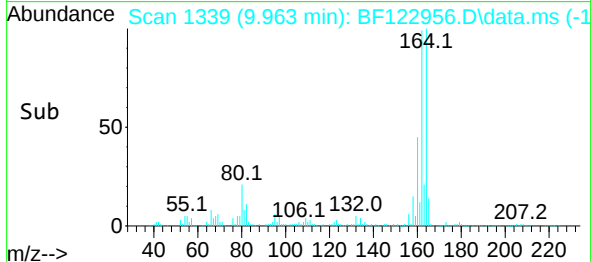
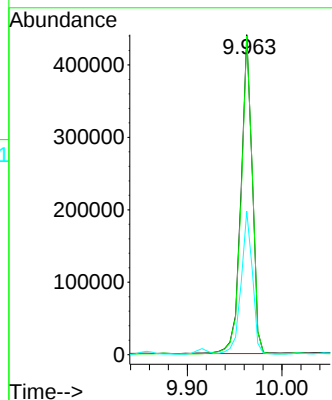
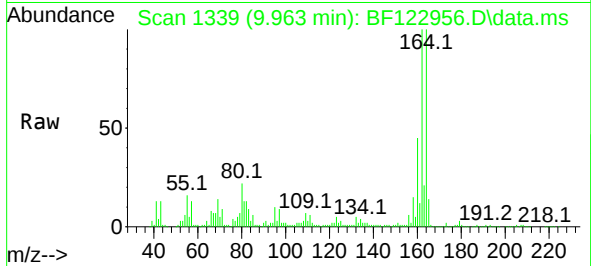




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

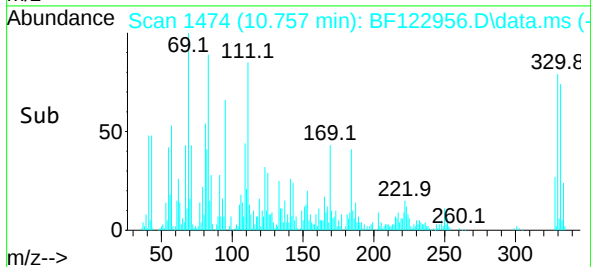
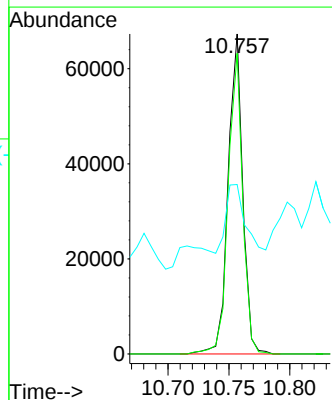
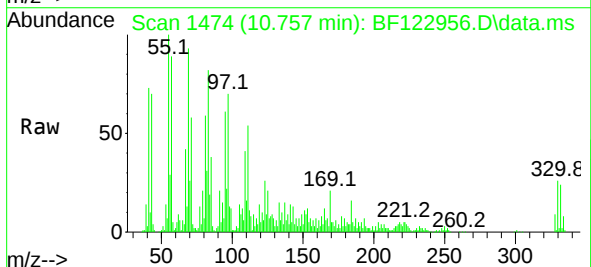
Instrument :
BNA_F
ClientSampleId :
TC-1A

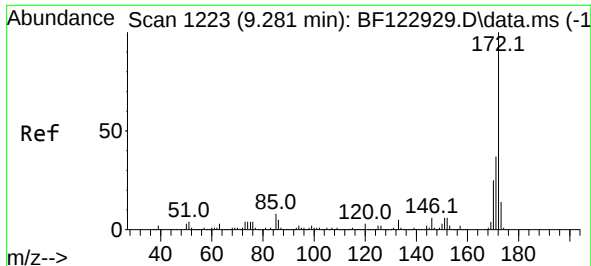
Tgt Ion:164 Resp: 362573
Ion Ratio Lower Upper
164 100
162 99.5 80.8 121.2
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 13.64 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

Tgt Ion:330 Resp: 55879
Ion Ratio Lower Upper
330 100
332 93.8 77.5 116.3
141 28.0 23.8 35.8

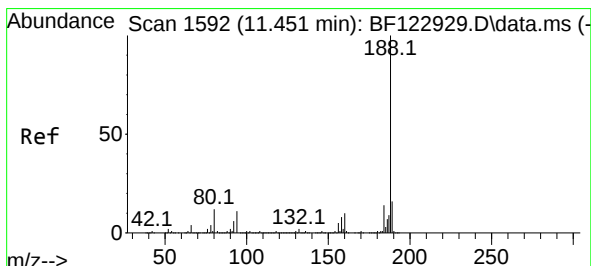
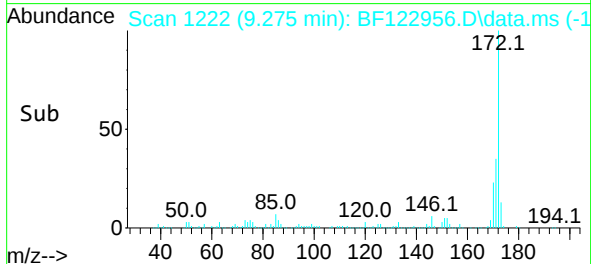
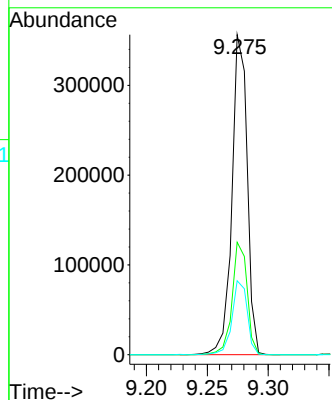
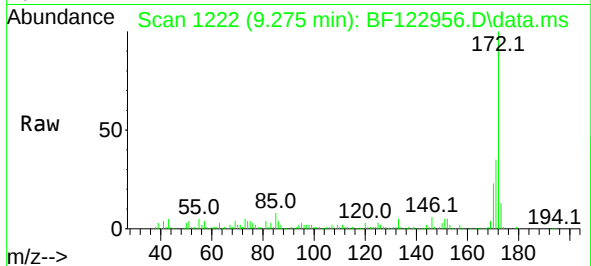




#45
2-Fluorobiphenyl
Concen: 12.16 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

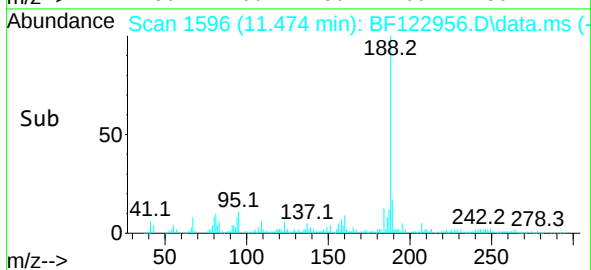
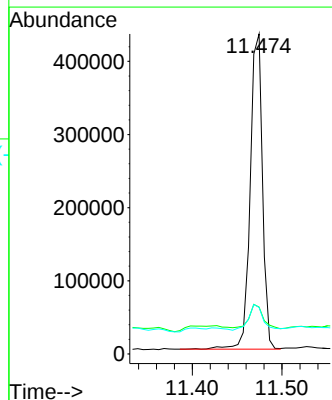
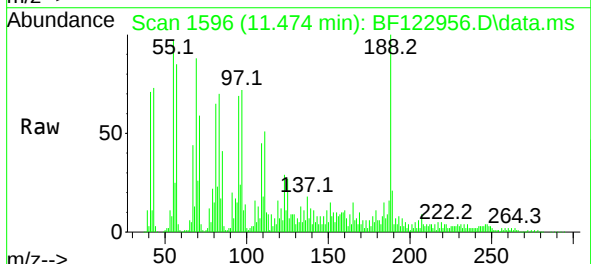
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ClientSampleId :
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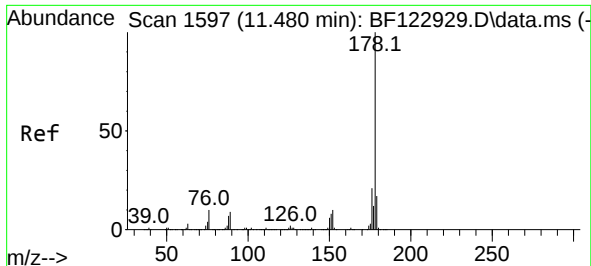
Tgt Ion:172 Resp: 310944
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.1 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.023 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

Tgt Ion:188 Resp: 409802
Ion Ratio Lower Upper
188 100
94 14.7 7.4 11.2#
80 14.6 8.2 12.4#

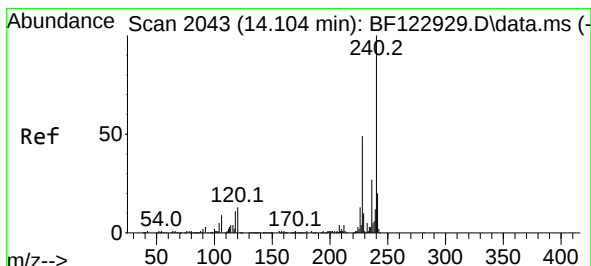
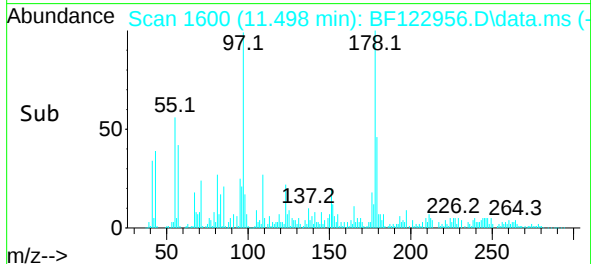
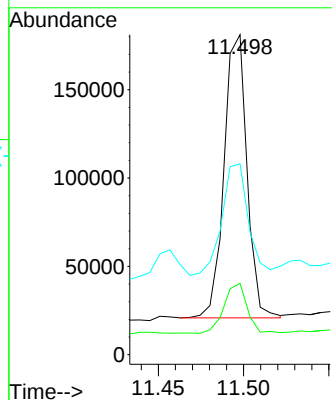
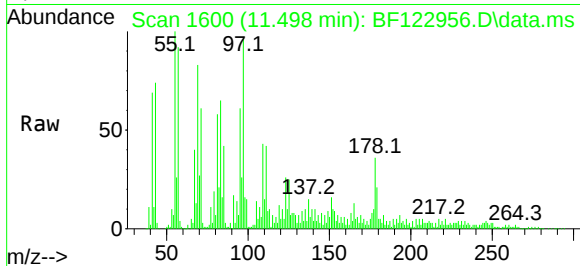




#71
Phenanthrene
Concen: 6.46 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.018 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

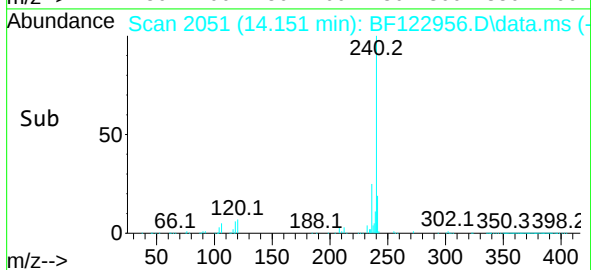
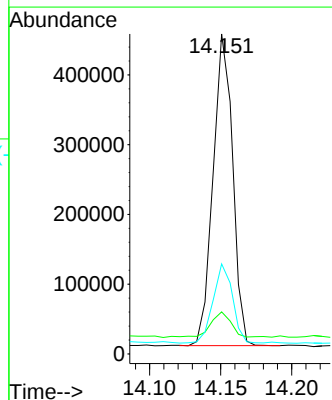
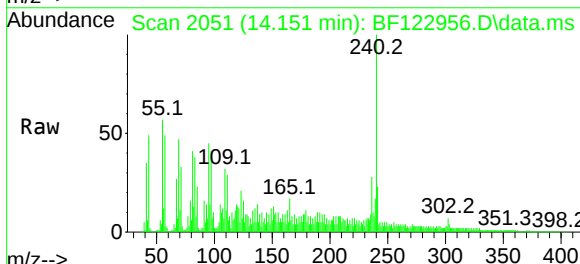
Instrument :
BNA_F
ClientSampled :
TC-1A

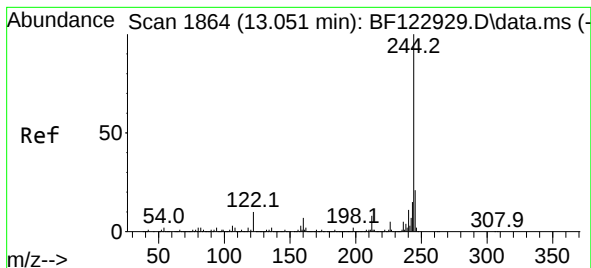
Tgt Ion:178 Resp: 149929
Ion Ratio Lower Upper
178 100
176 22.3 16.2 24.2
179 59.7 12.7 19.1#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.151 min Scan# 2051
Delta R.T. 0.047 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

Tgt Ion:240 Resp: 427747
Ion Ratio Lower Upper
240 100
120 13.2 8.6 12.8#
236 28.1 20.3 30.5

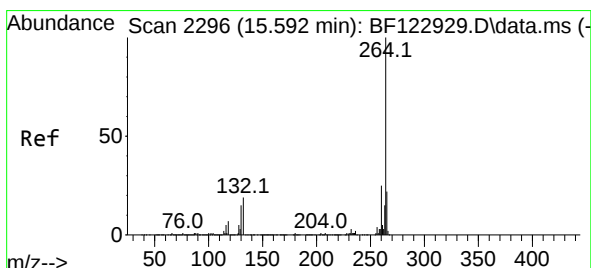
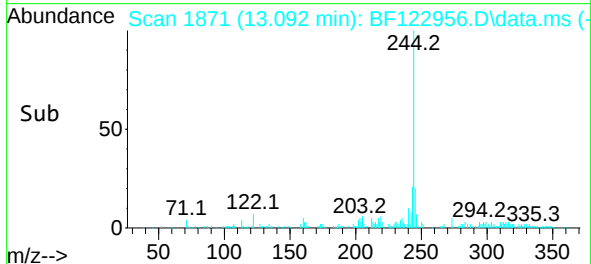
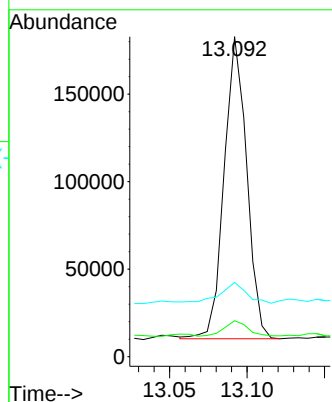
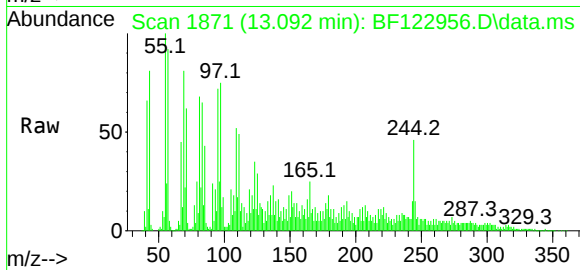




#79
Terphenyl-d14
Concen: 7.57 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.041 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

Instrument :
BNA_F
ClientSampled :
TC-1A

Tgt Ion:244 Resp: 174705
Ion Ratio Lower Upper
244 100
212 11.2 5.7 8.5#
122 23.2 8.3 12.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.633 min Scan# 2303
Delta R.T. 0.041 min
Lab File: BF122956.D
Acq: 8 Jan 2021 23:08

Tgt Ion:264 Resp: 480754
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.5 17.0 25.6

