

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131356.D
 Acq On : 23 Nov 2022 11:08
 Operator : CG\JU
 Sample : PB149038TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149038TB

Quant Time: Nov 24 05:50:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:48:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

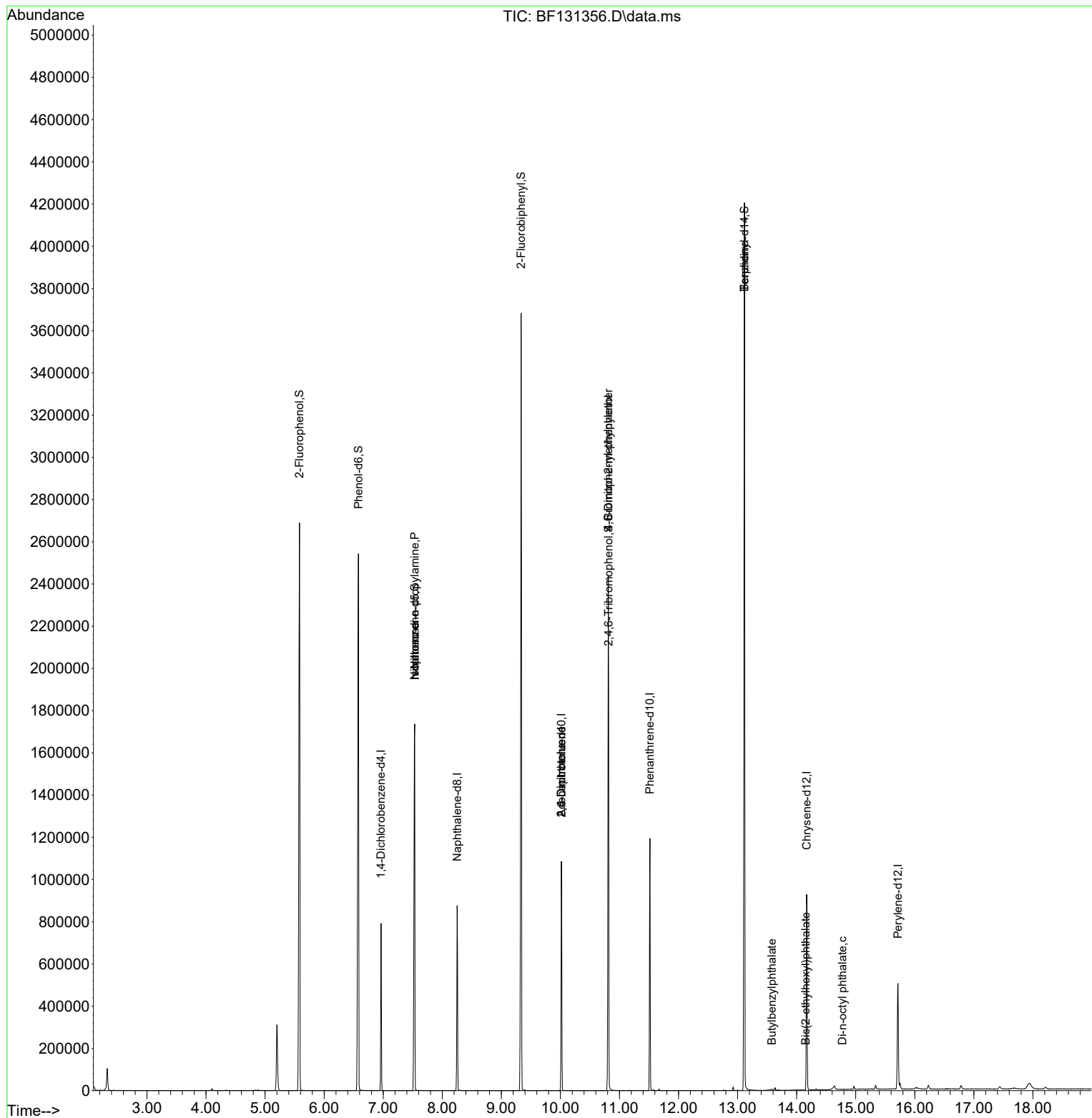
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	100706	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	371670	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	215817	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	413159	20.000	ng	0.00
76) Chrysene-d12	14.169	240	342835	20.000	ng	# 0.00
86) Perylene-d12	15.715	264	255692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	738422	139.552	ng	0.01
7) Phenol-d6	6.581	99	919798	136.243	ng	0.00
23) Nitrobenzene-d5	7.534	82	623827	84.608	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	292316	160.995	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	1162675	78.376	ng	0.00
79) Terphenyl-d14	13.116	244	1506503	71.858	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	1713	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.534	70	86255	17.453	ng	# 72
25) Isophorone	7.534	82	623822	47.423	ng	# 68
51) 2,6-Dinitrotoluene	10.016	165	27749	9.228	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	27749	7.334	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.810	198	632	4.973	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	19768	3.904	ng	# 1
77) Benzidine	13.116	184	20099	3.174	ng	# 90
80) Butylbenzylphthalate	13.580	149	55	4.148	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.151	149	130	3.758	ng	# 52
85) Di-n-octyl phthalate	14.774	149	227	3.915	ng	# 70

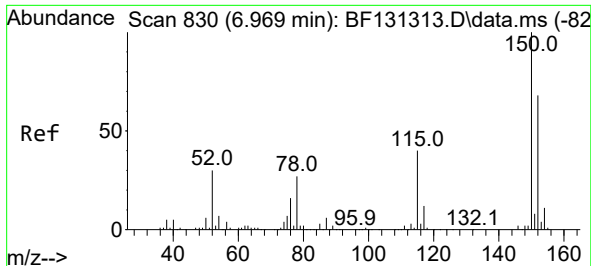
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 05:48:25 2022
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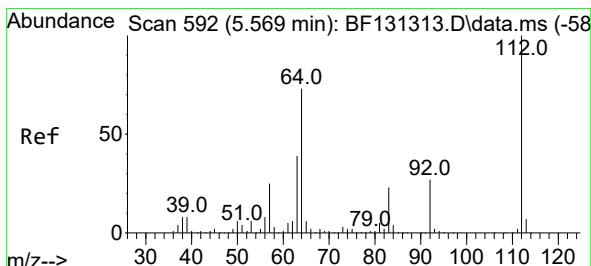
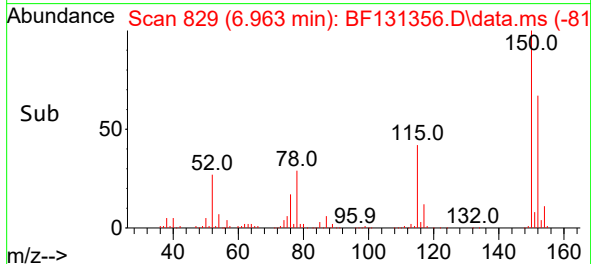
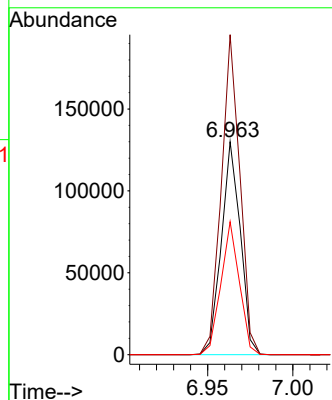
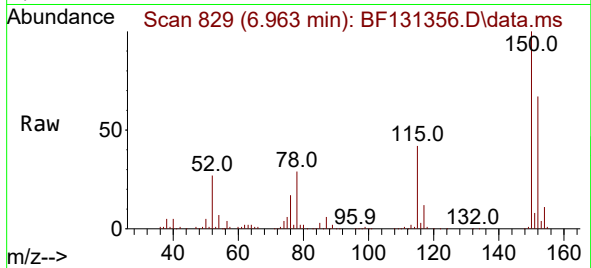




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

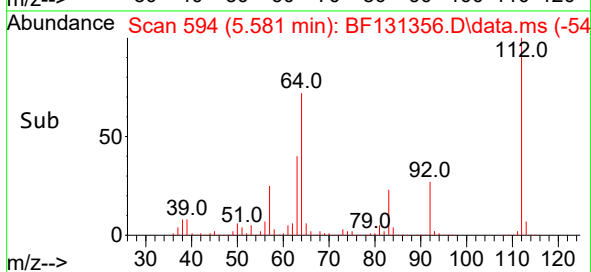
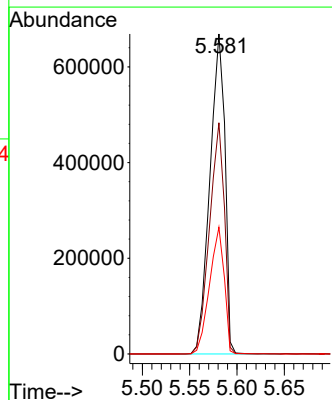
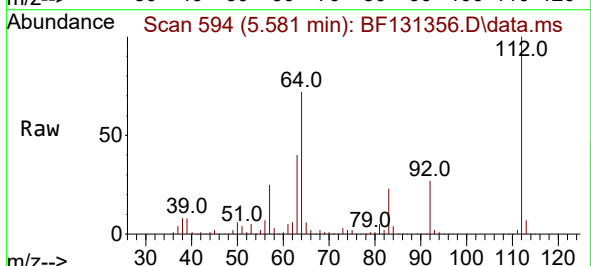
Instrument :
BNA_F
ClientSampleId :
PB149038TB

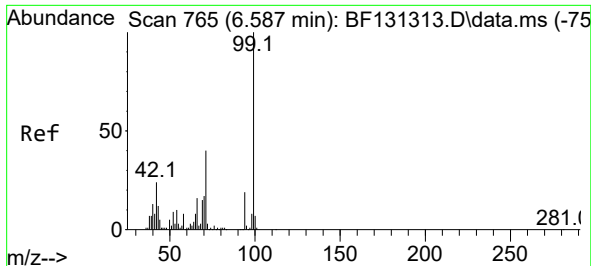
Tgt Ion:152 Resp: 100706
Ion Ratio Lower Upper
152 100
150 150.3 117.8 176.8
115 62.4 47.1 70.7



#5
2-Fluorophenol
Concen: 139.552 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Tgt Ion:112 Resp: 738422
Ion Ratio Lower Upper
112 100
64 72.2 58.6 88.0
63 39.6 31.4 47.0

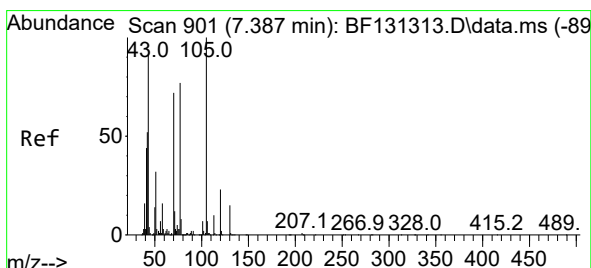
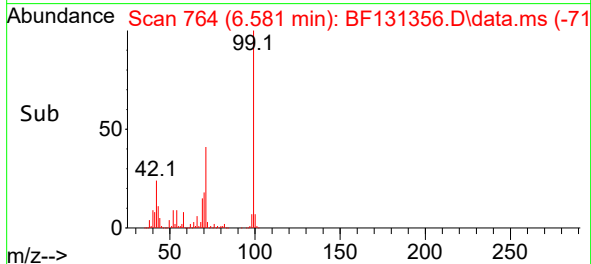
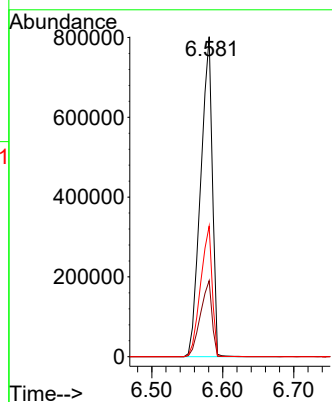
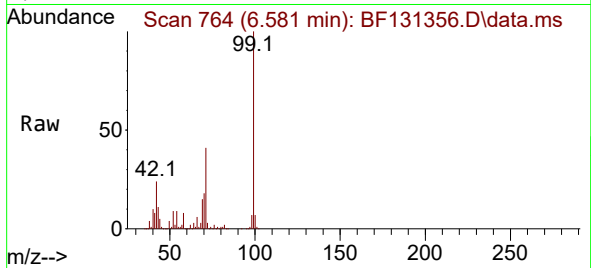




#7
Phenol-d6
Concen: 136.243 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

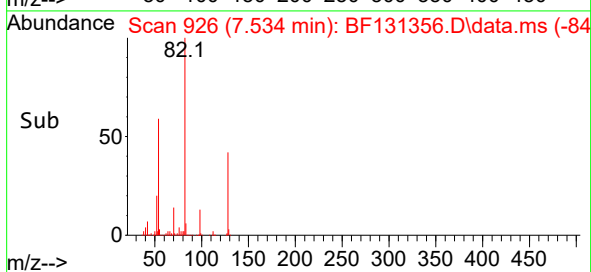
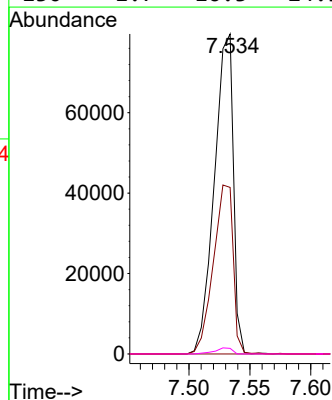
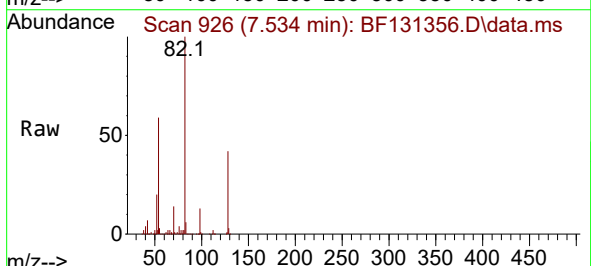
Instrument :
BNA_F
ClientSampleId :
PB149038TB

Tgt Ion: 99 Resp: 919798
Ion Ratio Lower Upper
99 100
42 23.7 19.4 29.2
71 40.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.453 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.153 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Tgt Ion: 70 Resp: 86255
Ion Ratio Lower Upper
70 100
42 52.0 57.6 86.4#
101 0.0 8.2 12.2#
130 1.7 16.3 24.5#

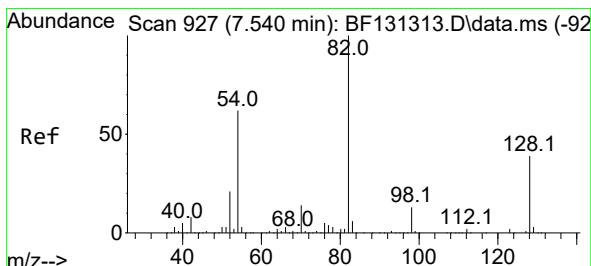
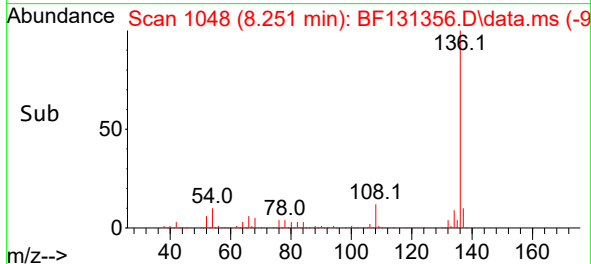
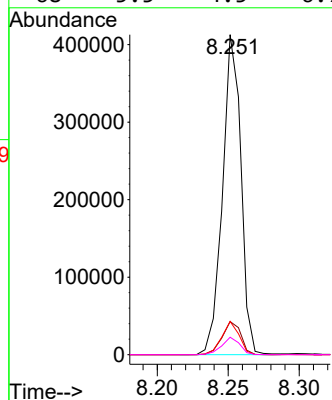
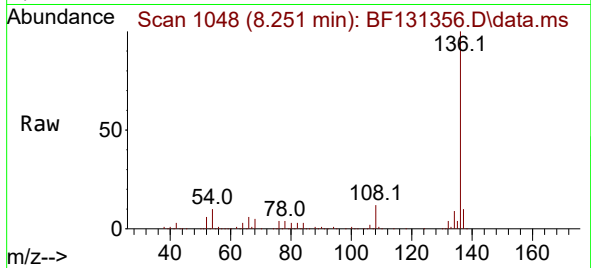




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

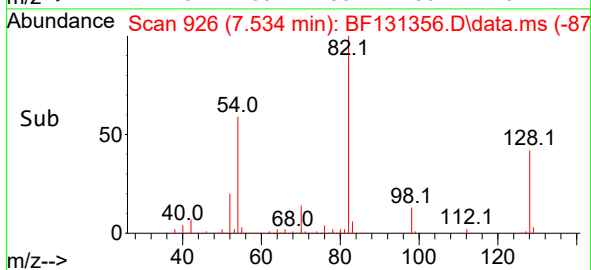
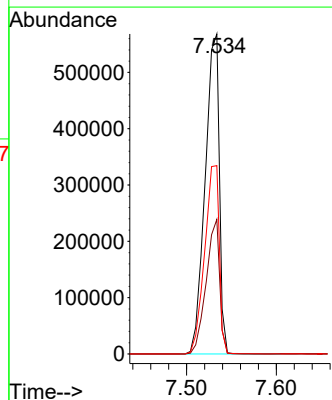
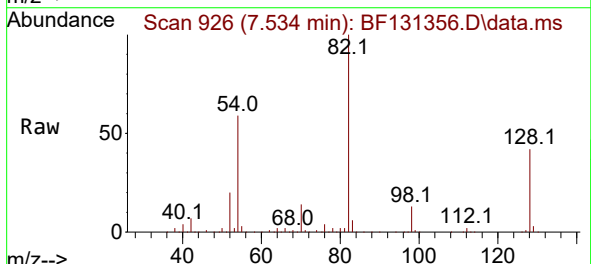
Instrument :
BNA_F
ClientSampleId :
PB149038TB

Tgt Ion:136 Resp: 371670
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 10.4 9.4 14.0
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.608 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.000 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Tgt Ion: 82 Resp: 623827
Ion Ratio Lower Upper
82 100
128 42.1 31.4 47.0
54 58.9 49.8 74.6

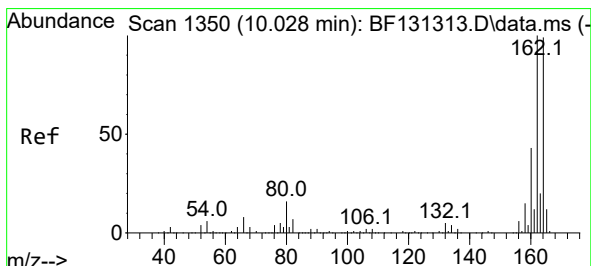
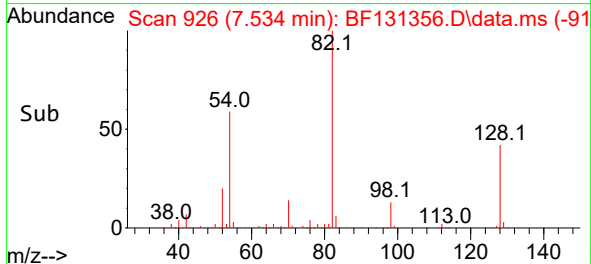
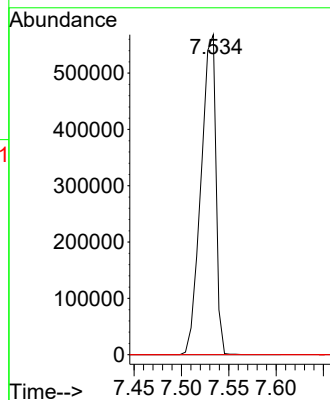
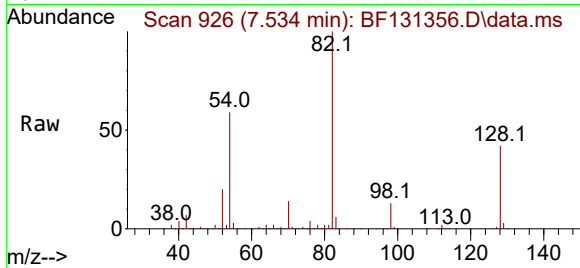




#25
Isophorone
Concen: 47.423 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

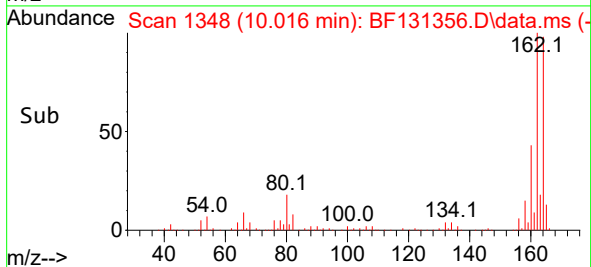
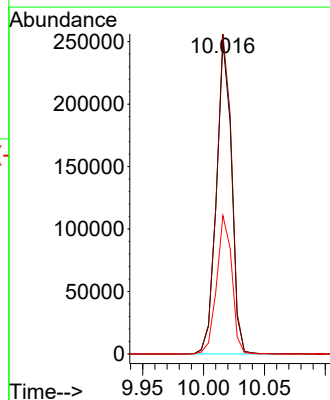
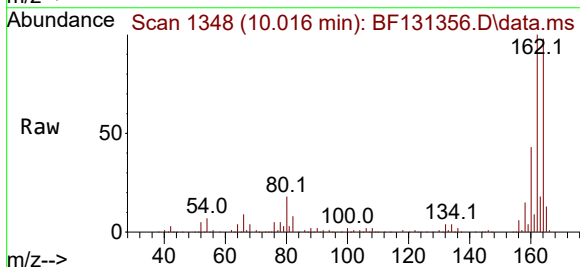
Instrument :
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ClientSampleId :
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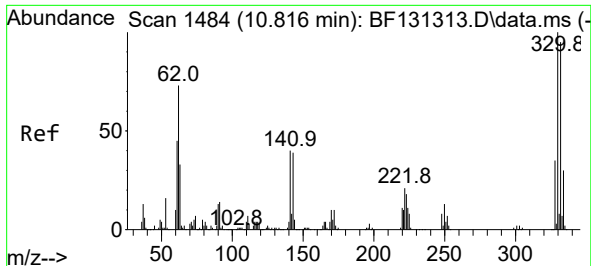
Tgt Ion: 82 Resp: 623822
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Tgt Ion:164 Resp: 215817
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 44.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 160.995 ng

RT: 10.816 min Scan# 1484

Delta R.T. 0.000 min

Lab File: BF131356.D

Acq: 23 Nov 2022 11:08

Instrument :

BNA_F

ClientSampleId :

PB149038TB

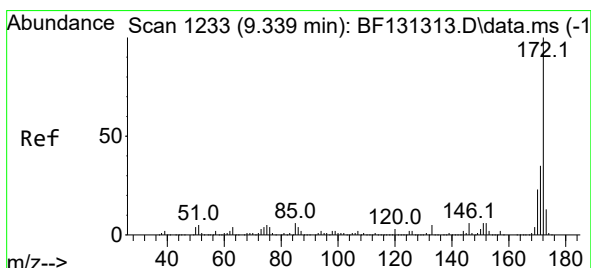
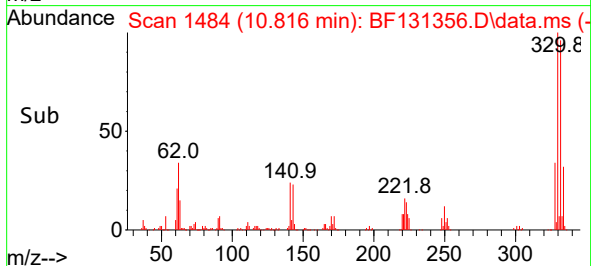
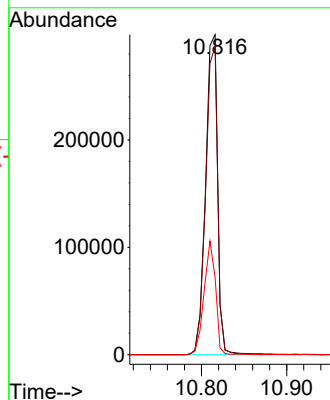
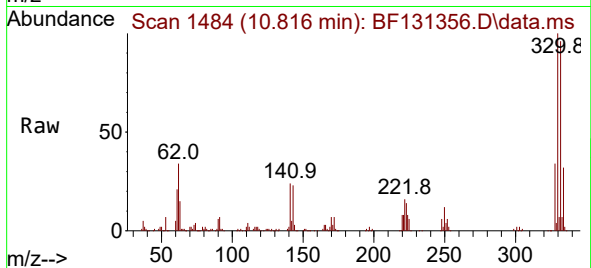
Tgt Ion:330 Resp: 292316

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 33.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 78.376 ng

RT: 9.334 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131356.D

Acq: 23 Nov 2022 11:08

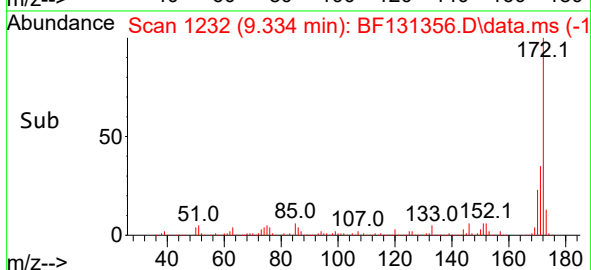
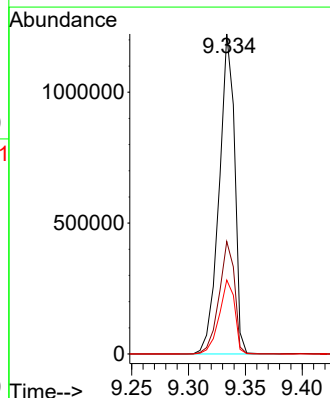
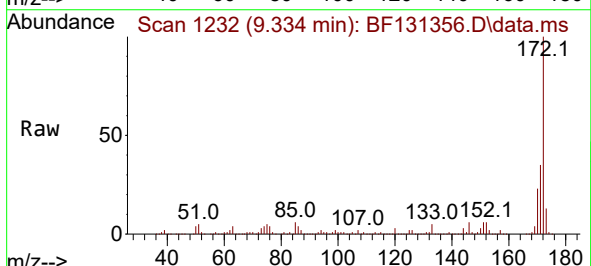
Tgt Ion:172 Resp: 1162675

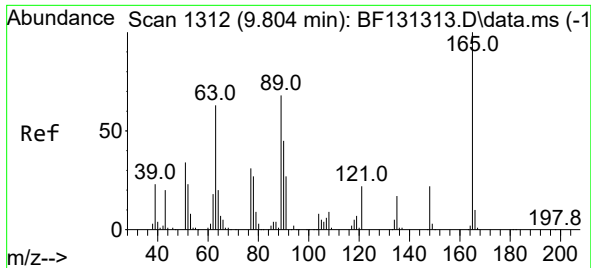
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.1 18.7 28.1

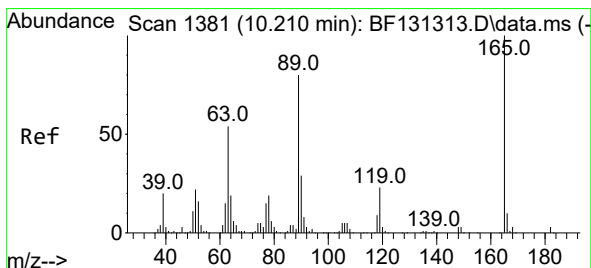
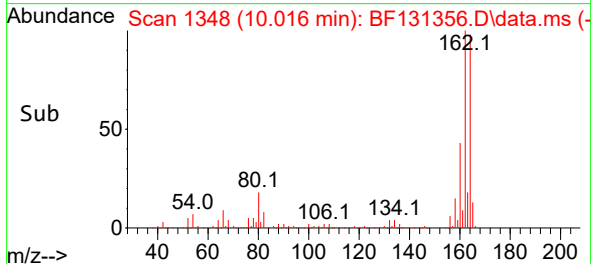
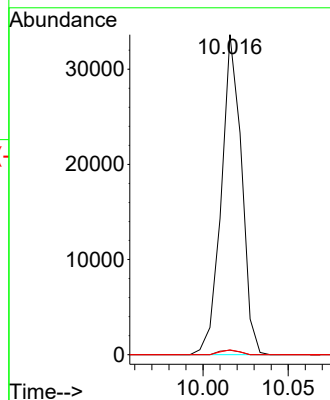
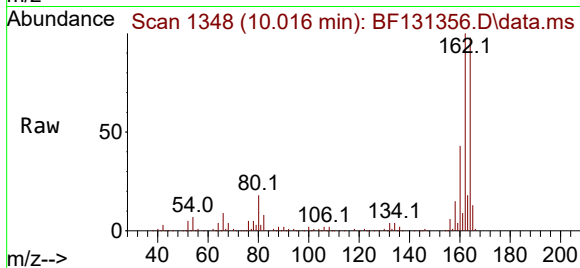




#51
2,6-Dinitrotoluene
Concen: 9.228 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.212 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

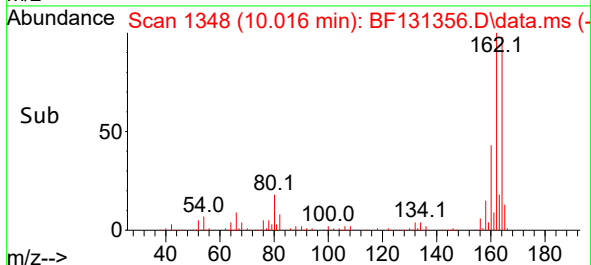
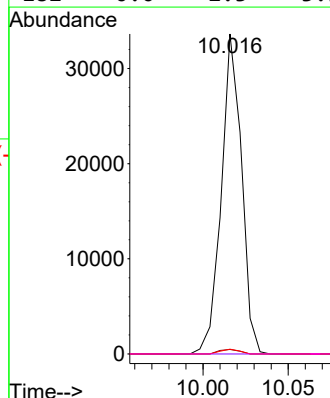
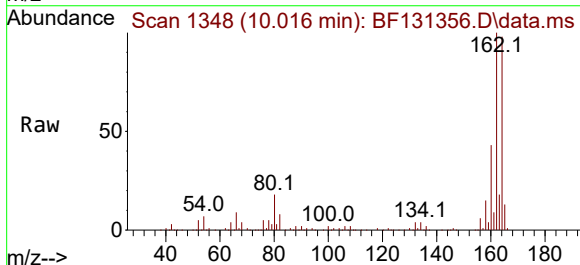
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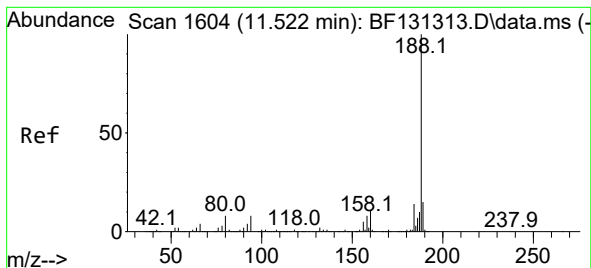
Tgt Ion:165 Resp: 27749
Ion Ratio Lower Upper
165 100
63 1.4 62.0 93.0#
89 1.5 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.334 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.188 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Tgt Ion:165 Resp: 27749
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.2#
89 1.5 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131356.D

Acq: 23 Nov 2022 11:08

Instrument :

BNA_F

ClientSampleId :

PB149038TB

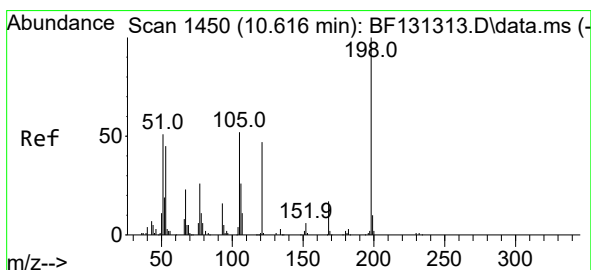
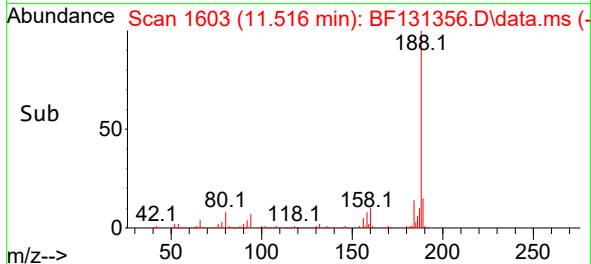
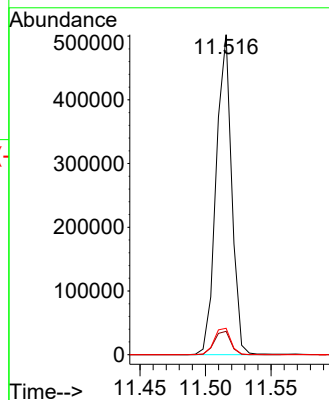
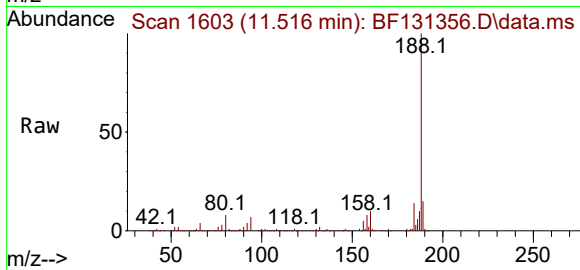
Tgt Ion:188 Resp: 413159

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

80 8.2 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.973 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.200 min

Lab File: BF131356.D

Acq: 23 Nov 2022 11:08

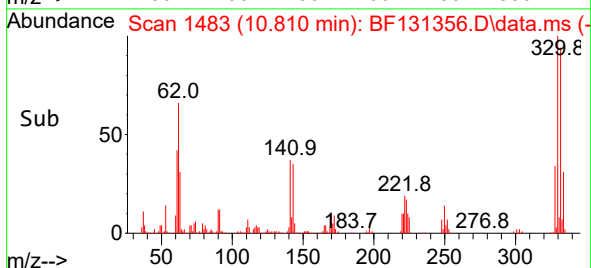
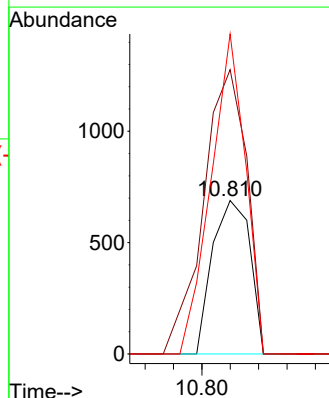
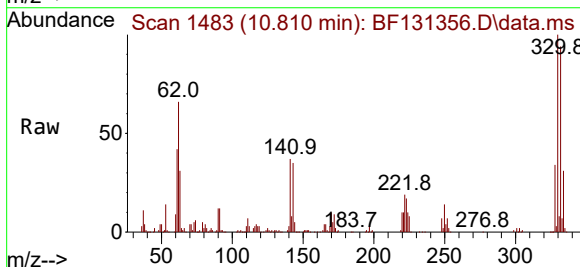
Tgt Ion:198 Resp: 632

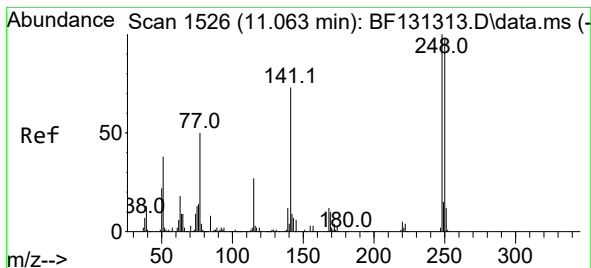
Ion Ratio Lower Upper

198 100

51 185.3 50.1 90.1#

105 208.6 32.5 72.5#

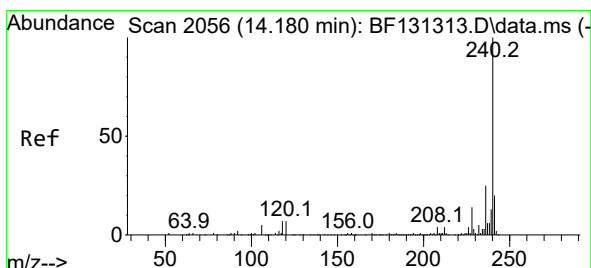
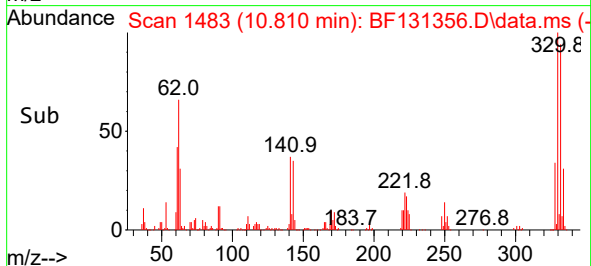
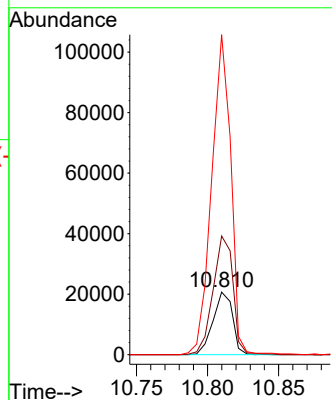
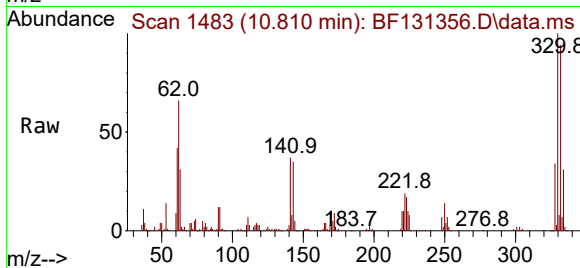




#67
4-Bromophenyl-phenylether
Concen: 3.904 ng
RT: 10.810 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

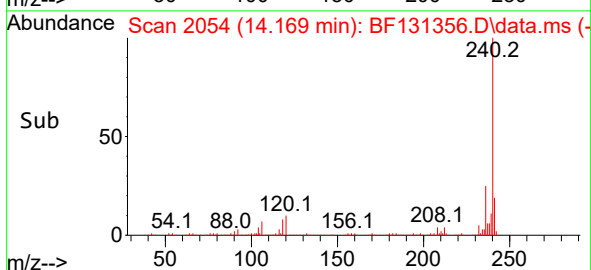
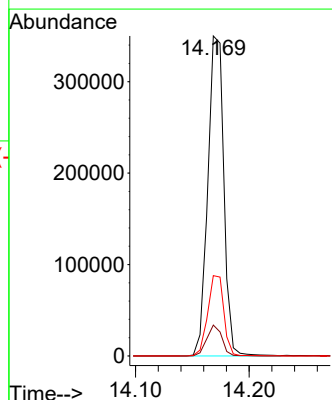
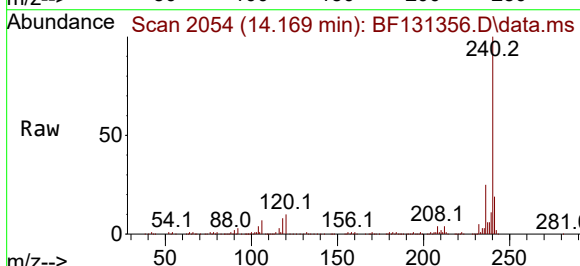
Instrument :
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ClientSampleId :
PB149038TB

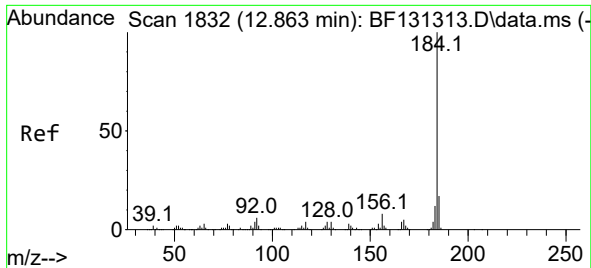
Tgt Ion:248 Resp: 19768
Ion Ratio Lower Upper
248 100
250 189.9 78.3 117.5#
141 511.8 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.169 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Tgt Ion:240 Resp: 342835
Ion Ratio Lower Upper
240 100
120 9.7 5.8 8.8#
236 25.1 20.3 30.5

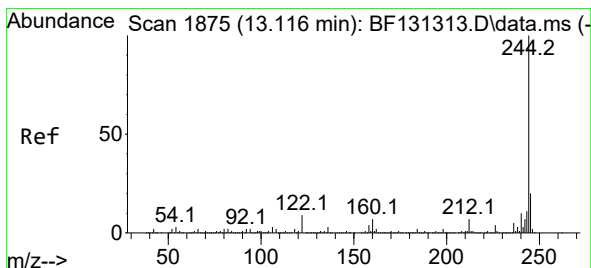
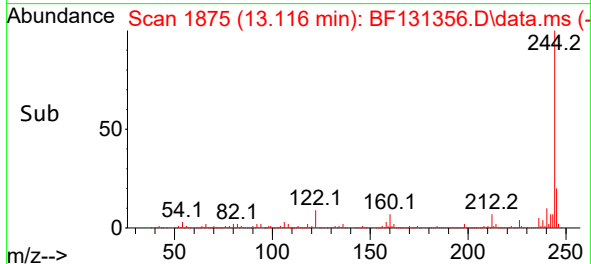
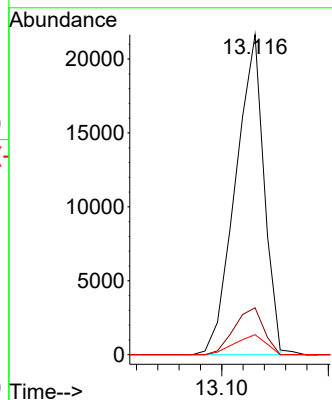
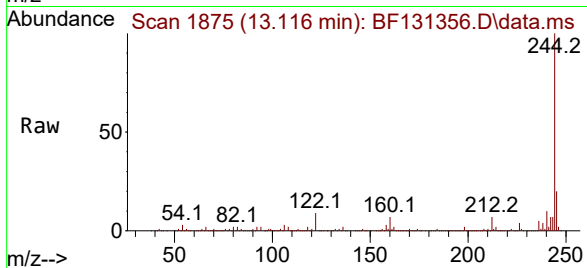




#77
Benzidine
Concen: 3.174 ng
RT: 13.116 min Scan# 1875
Delta R.T. 0.259 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

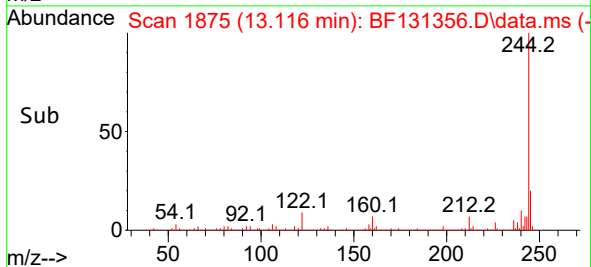
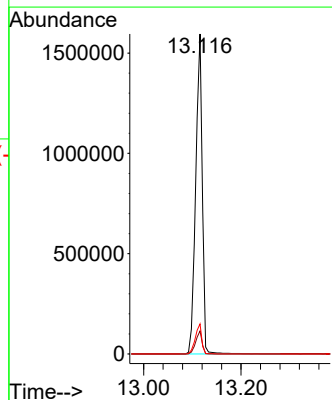
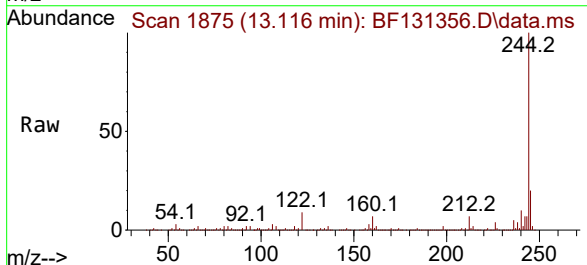
Instrument :
BNA_F
ClientSampleId :
PB149038TB

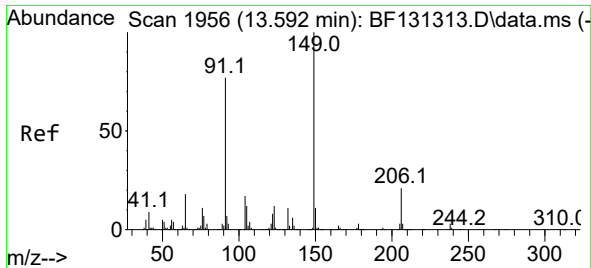
Tgt Ion:184 Resp: 20099
Ion Ratio Lower Upper
184 100
185 14.7 13.8 20.8
183 6.2 9.6 14.4#



#79
Terphenyl-d14
Concen: 71.858 ng
RT: 13.116 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Tgt Ion:244 Resp: 1506503
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.4 7.5 11.3

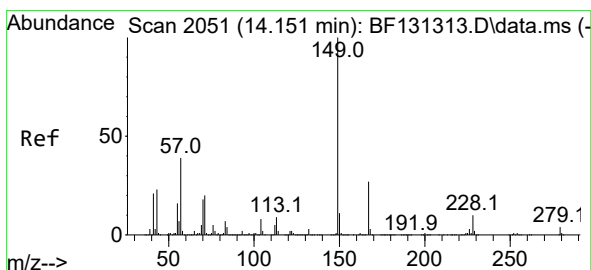
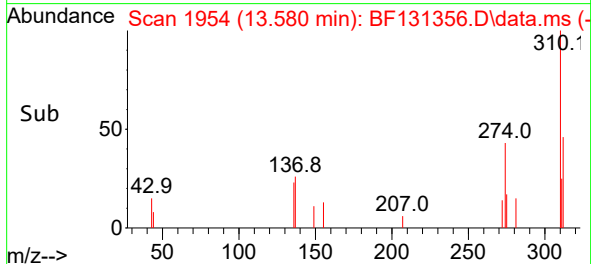
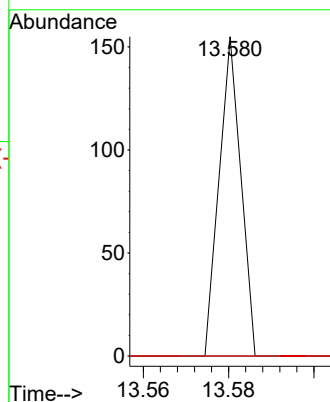
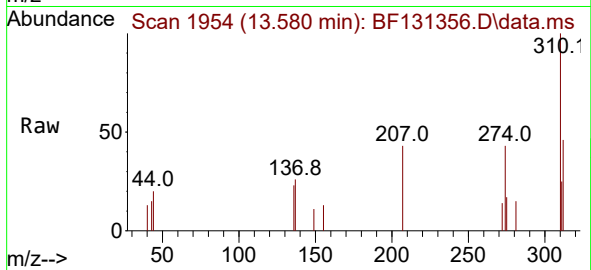




#80
Butylbenzylphthalate
Concen: 4.148 ng
RT: 13.580 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

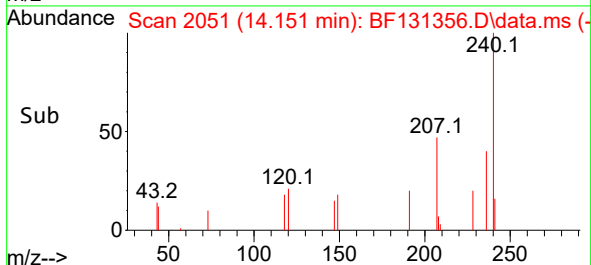
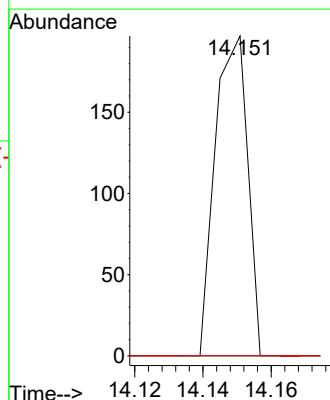
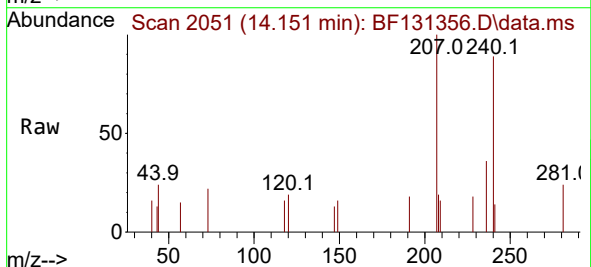
Instrument :
BNA_F
ClientSampleId :
PB149038TB

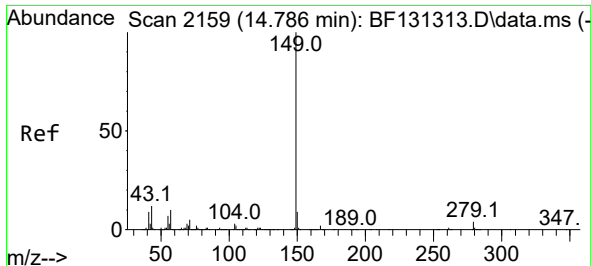
Tgt Ion:	149	Resp:	55
Ion	Ratio	Lower	Upper
149	100		
91	0.0	61.9	92.9#
206	0.0	16.5	24.7#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.758 ng
RT: 14.151 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Tgt Ion:	149	Resp:	130
Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.9	32.9#
279	0.0	3.0	4.4#

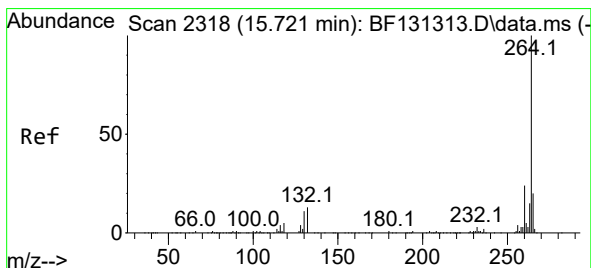
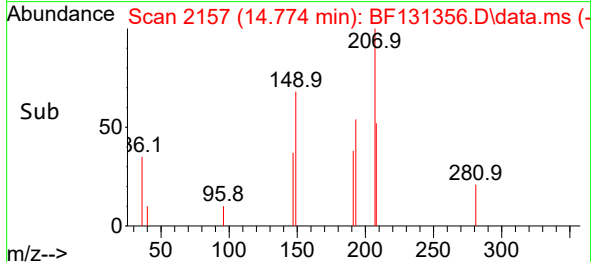
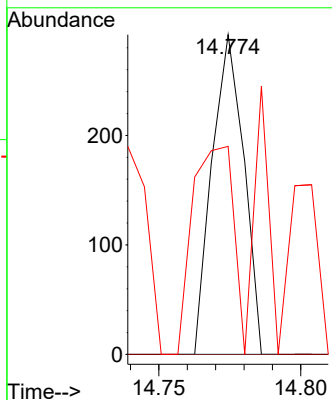
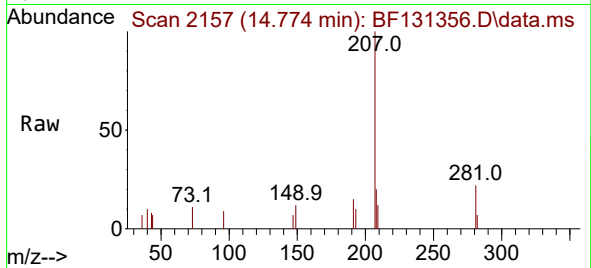




#85
Di-n-octyl phthalate
Concen: 3.915 ng
RT: 14.774 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Instrument :
BNA_F
ClientSampleId :
PB149038TB

Tgt Ion:149 Resp: 227
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.715 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BF131356.D
Acq: 23 Nov 2022 11:08

Tgt Ion:264 Resp: 255692
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.4
265 20.9 16.4 24.6

