

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123474.D
 Acq On : 25 Mar 2021 22:00
 Operator : JU/CG
 Sample : M1776-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110

Quant Time: Mar 26 00:40:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 17:06:59 2021
 Response via : Initial Calibration

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

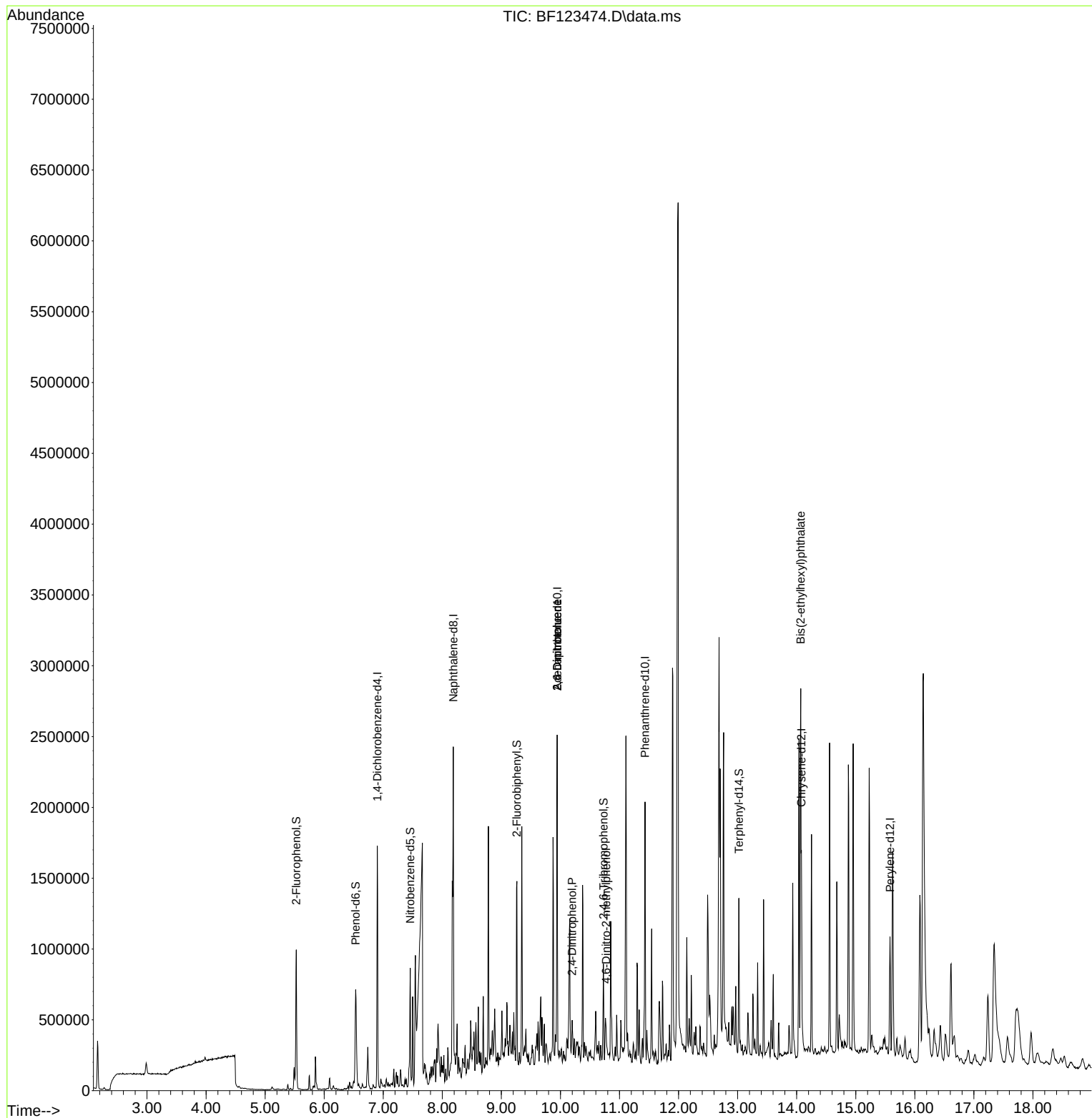
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	240108	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	845351	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	422490	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	619066	20.00	ng	0.00
76) Chrysene-d12	14.080	240	440738	20.00	ng	0.00
86) Perylene-d12	15.580	264	393526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	273356	18.62	ng	0.02
7) Phenol-d6	6.534	99	344808	17.65	ng	0.00
23) Nitrobenzene-d5	7.457	82	214684	13.71	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	75135	15.91	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	401289	13.57	ng	0.00
79) Terphenyl-d14	13.021	244	310485	11.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.463	77	1374	Below Cal	#	Qvalue 1
51) 2,6-Dinitrotoluene	9.945	165	60470	9.65	ng	# 32
54) 2,4-Dinitrophenol	10.198	184	130	8.68	ng	# 6
57) 2,4-Dinitrotoluene	9.945	165	60470	7.73	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.774	198	368	5.22	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.068	149	599740	32.31	ng	98

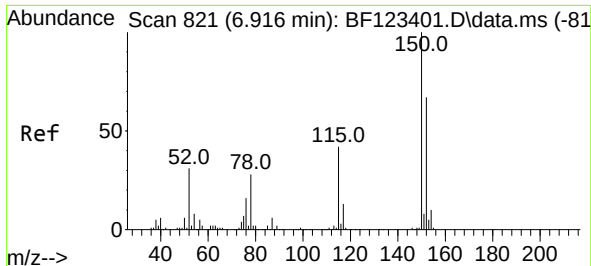
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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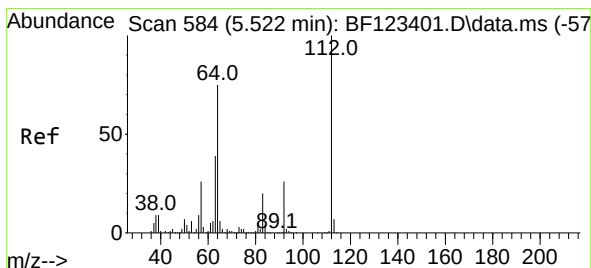
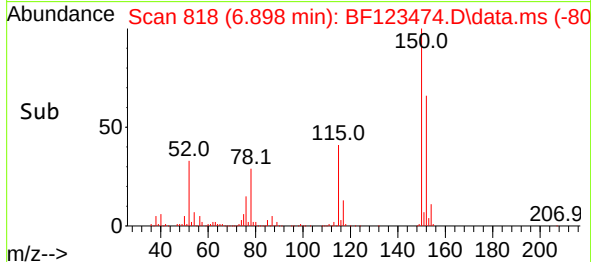
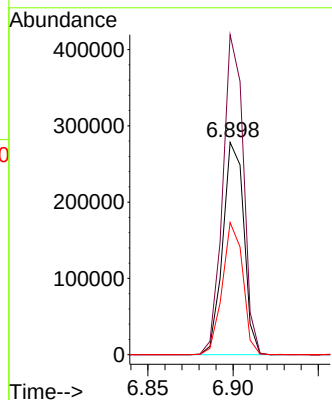
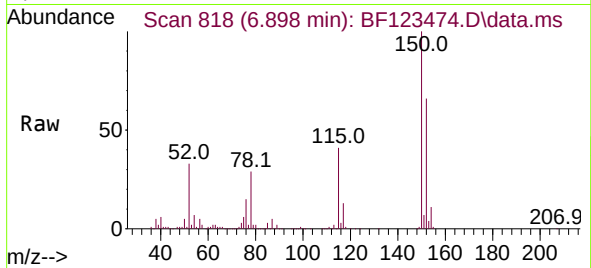




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

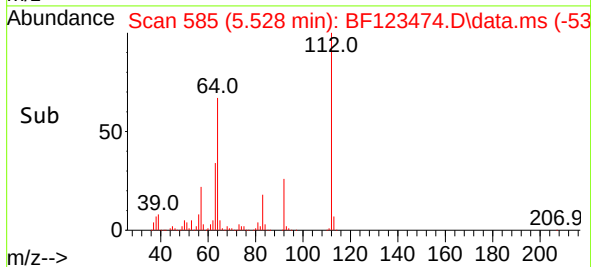
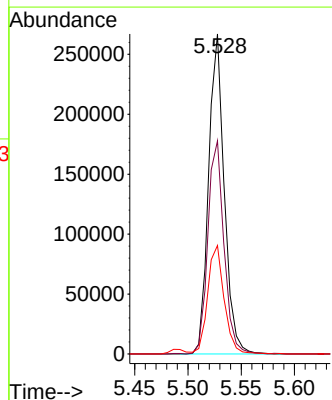
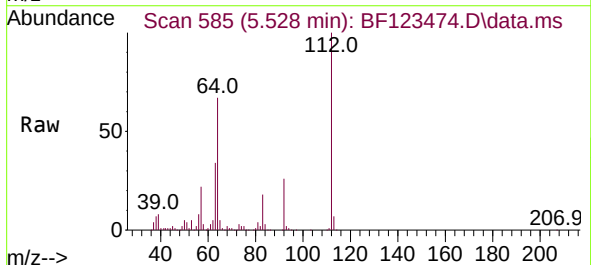
Instrument :
BNA_F
ClientSampled :
110

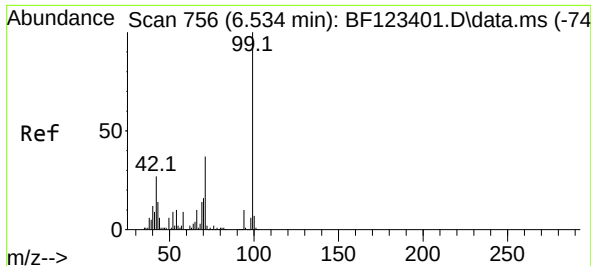
Tgt Ion:152 Resp: 240108
Ion Ratio Lower Upper
152 100
150 150.7 125.8 188.6
115 62.2 49.3 73.9



#5
2-Fluorophenol
Concen: 18.62 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.017 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

Tgt Ion:112 Resp: 273356
Ion Ratio Lower Upper
112 100
64 66.6 46.9 70.3
63 33.9 24.5 36.7

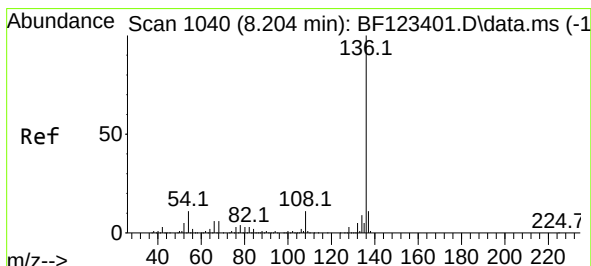
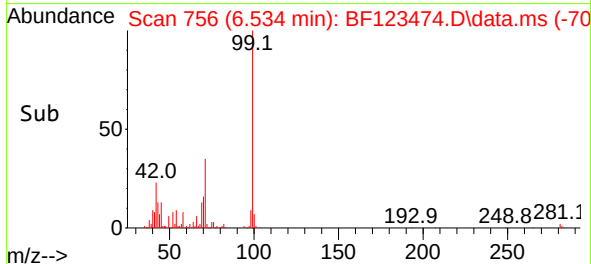
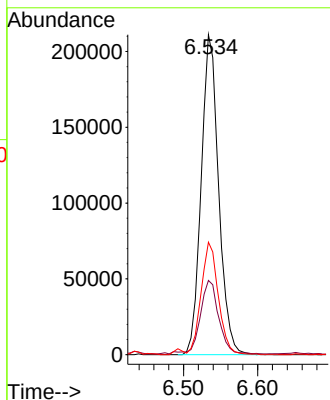
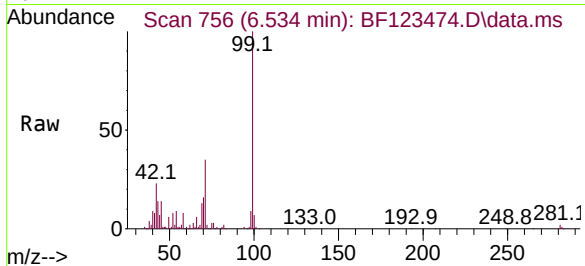




#7
Phenol-d6
Concen: 17.65 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

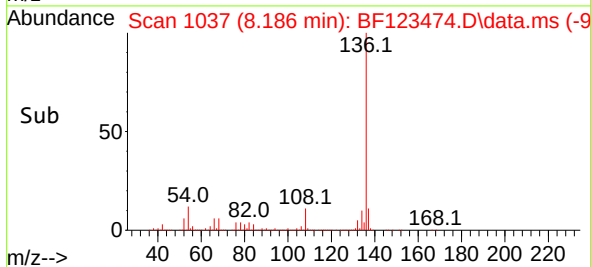
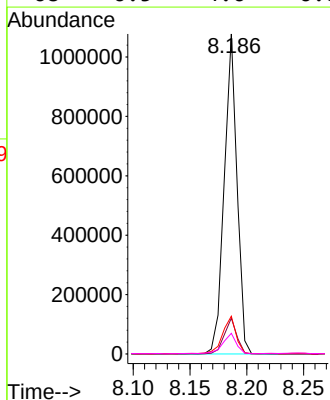
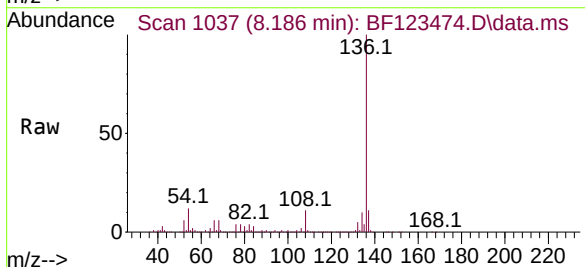
Instrument :
BNA_F
ClientSampled :
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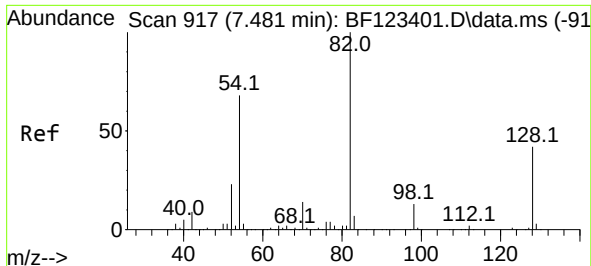
Tgt Ion: 99 Resp: 344808
Ion Ratio Lower Upper
99 100
42 23.2 13.8 20.6#
71 35.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

Tgt Ion: 136 Resp: 845351
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 11.8 5.5 8.3#
68 6.5 4.6 6.8

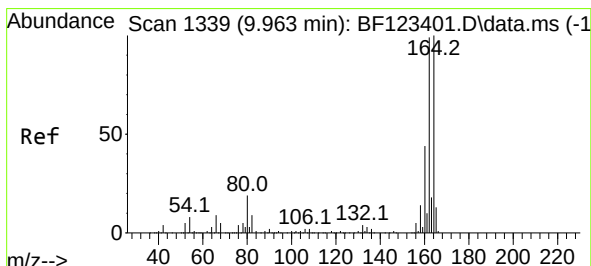
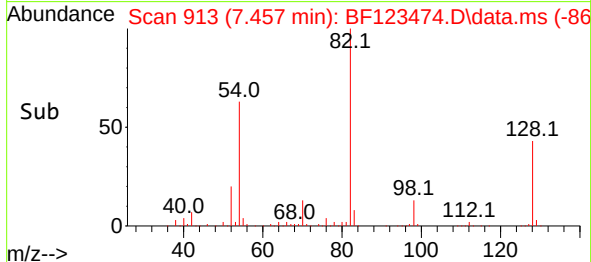
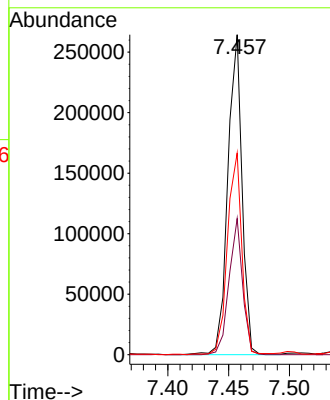
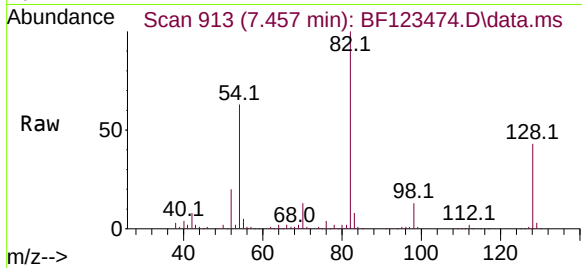




#23
Nitrobenzene-d5
Concen: 13.71 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

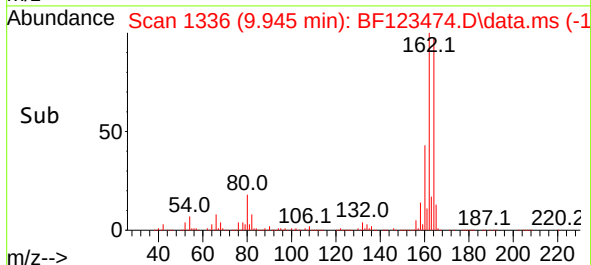
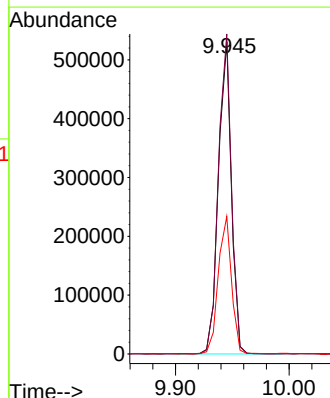
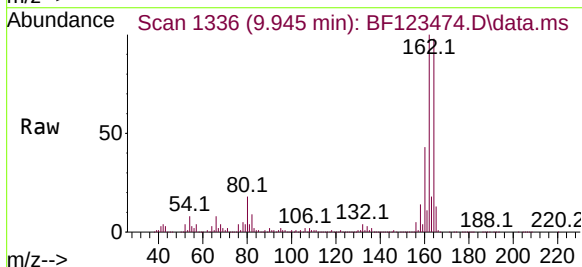
Instrument :
BNA_F
ClientSampled :
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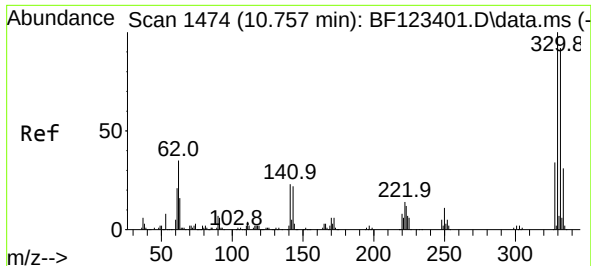
Tgt Ion: 82 Resp: 214684
Ion Ratio Lower Upper
82 100
128 42.5 37.0 55.4
54 63.0 38.4 57.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

Tgt Ion:164 Resp: 422490
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 44.0 35.4 53.0

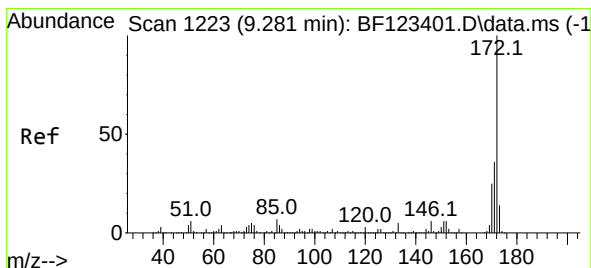
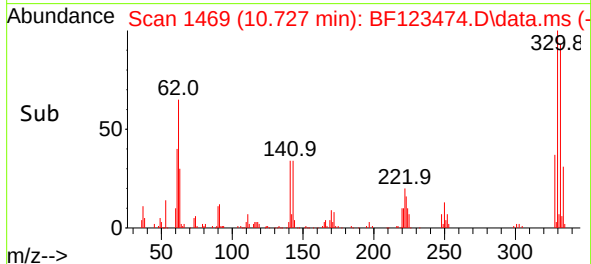
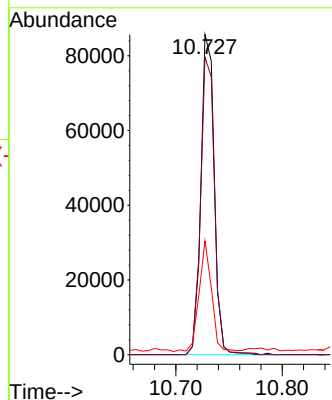
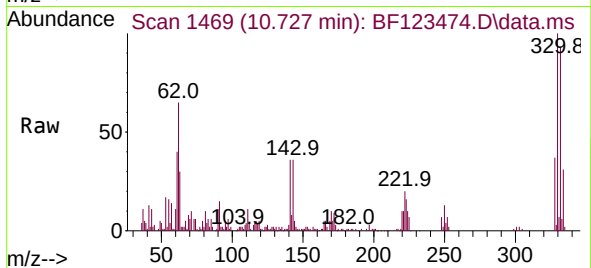




#42
2,4,6-Tribromophenol
Concen: 15.91 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

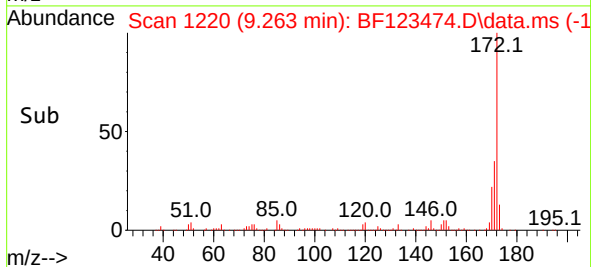
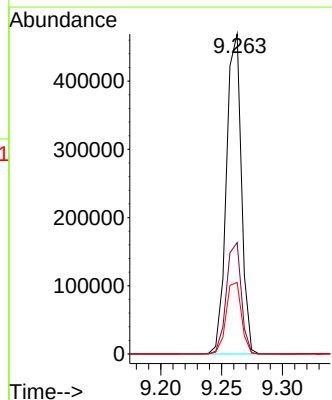
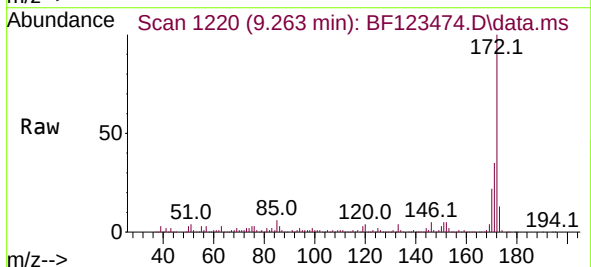
Instrument :
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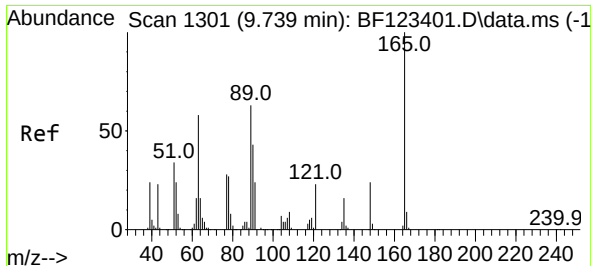
Tgt Ion: 330 Resp: 75135
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 32.0 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 13.57 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

Tgt Ion: 172 Resp: 401289
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 22.3 19.5 29.3

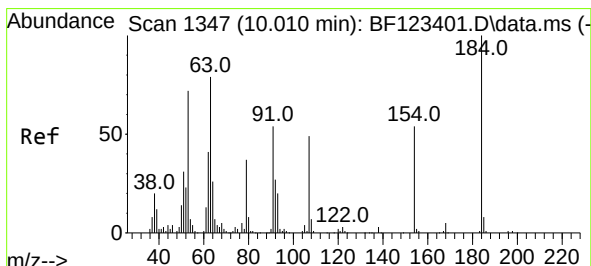
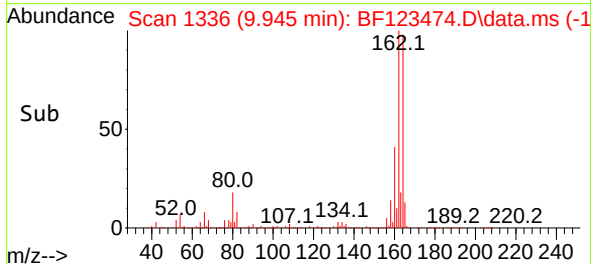
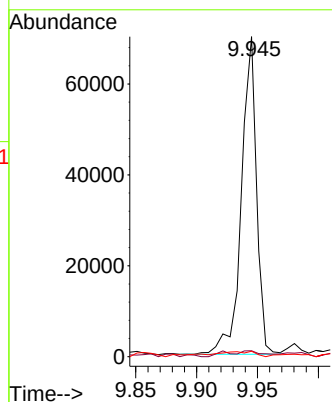
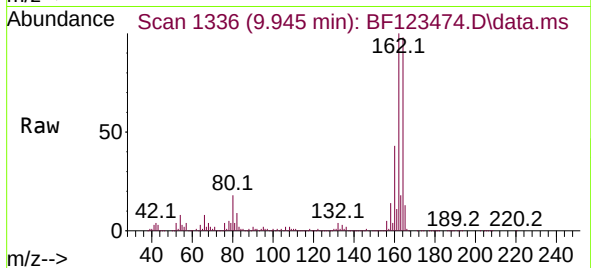




#51
2,6-Dinitrotoluene
Concen: 9.65 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.223 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

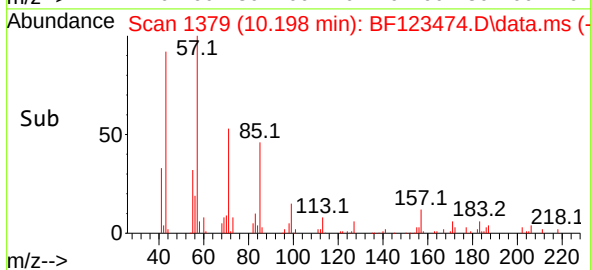
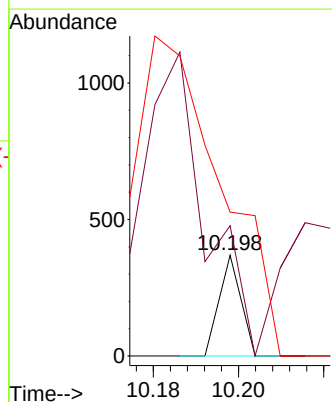
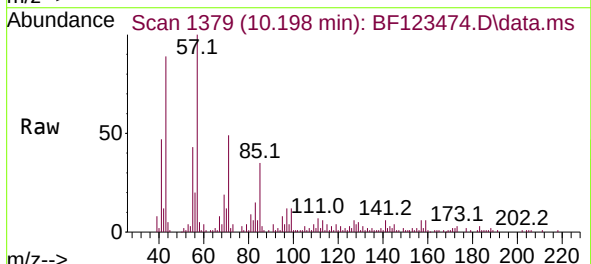
Instrument :
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ClientSampled :
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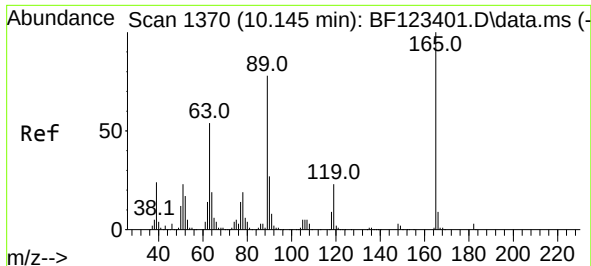
Tgt Ion:165 Resp: 60470
Ion Ratio Lower Upper
165 100
63 1.9 36.6 55.0#
89 1.7 39.4 59.0#



#54
2,4-Dinitrophenol
Concen: 8.68 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.206 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

Tgt Ion:184 Resp: 130
Ion Ratio Lower Upper
184 100
63 129.3 51.4 77.2#
154 142.8 49.7 74.5#

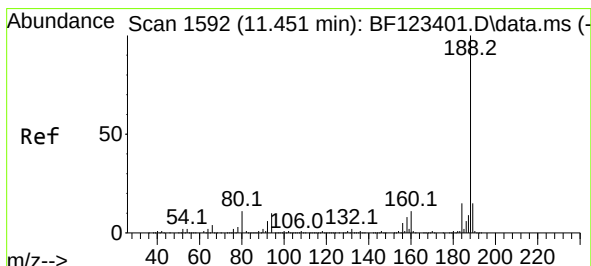
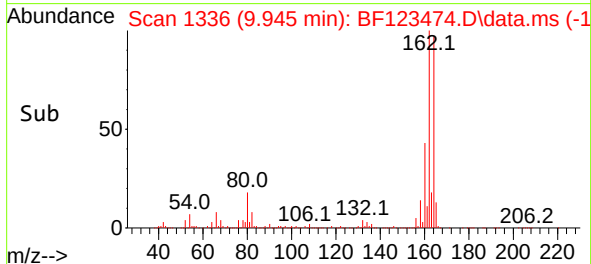
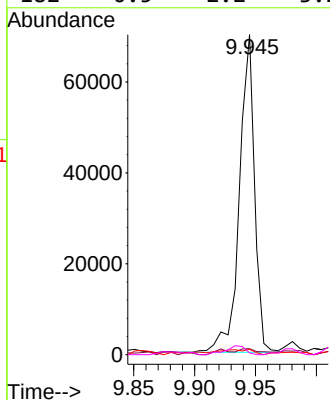
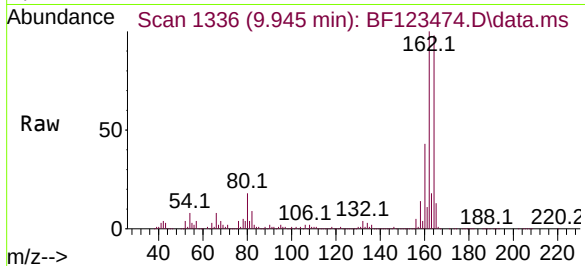




#57
2,4-Dinitrotoluene
Concen: 7.73 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.183 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

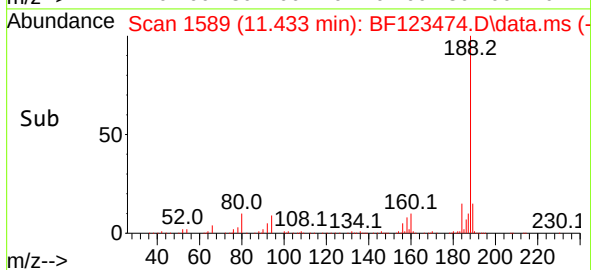
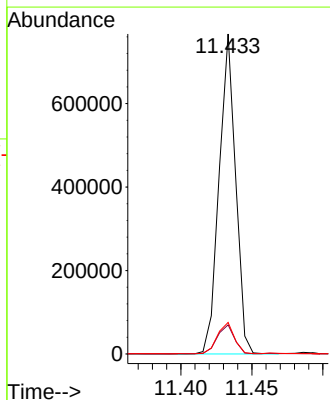
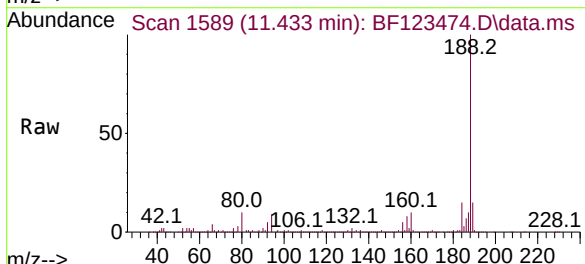
Instrument :
BNA_F
ClientSampled :
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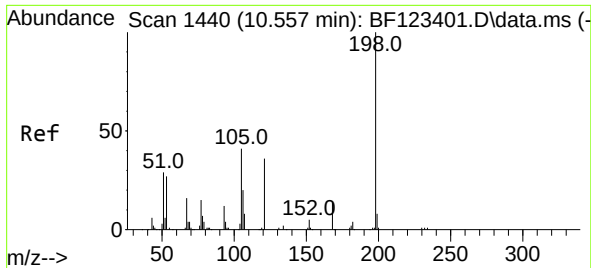
Tgt Ion:165 Resp: 60470
Ion Ratio Lower Upper
165 100
63 1.9 34.3 51.5#
89 1.7 55.2 82.8#
182 0.5 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

Tgt Ion:188 Resp: 619066
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.8 8.2 12.4

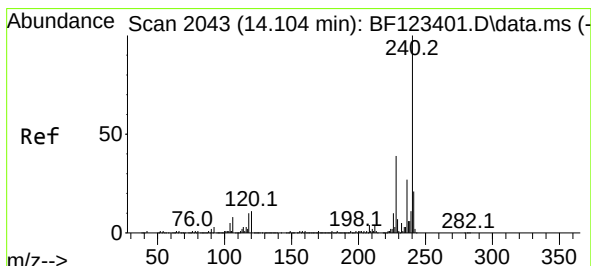
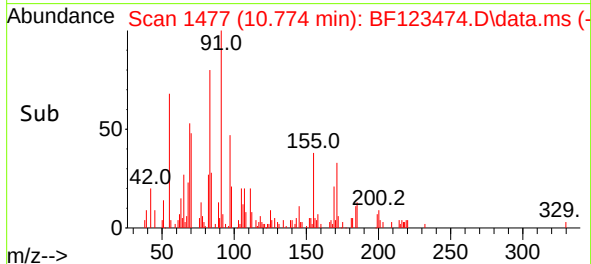
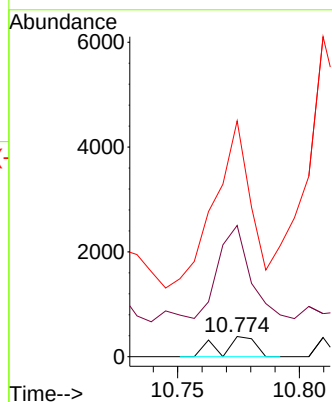
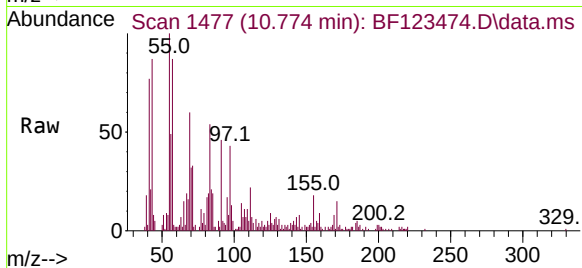




#65
4,6-Dinitro-2-methylphenol
Concen: 5.22 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.241 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

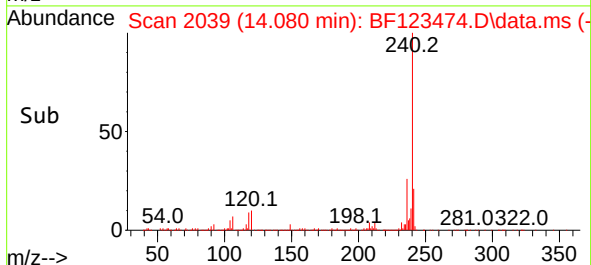
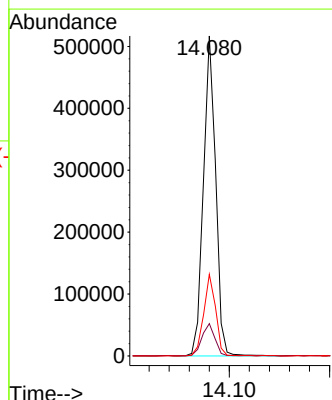
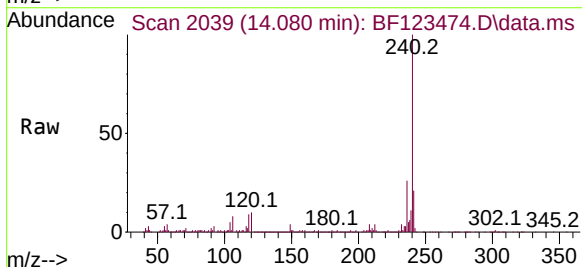
Instrument :
BNA_F
ClientSampled :
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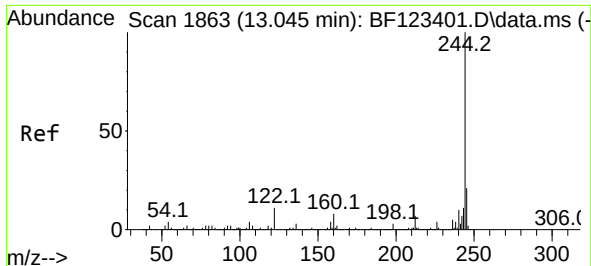
Tgt Ion:198 Resp: 368
Ion Ratio Lower Upper
198 100
51 652.3 20.3 60.3#
105 1171.9 23.0 63.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

Tgt Ion:240 Resp: 440738
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.5 20.3 30.5

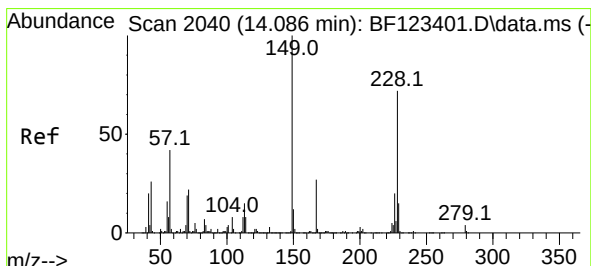
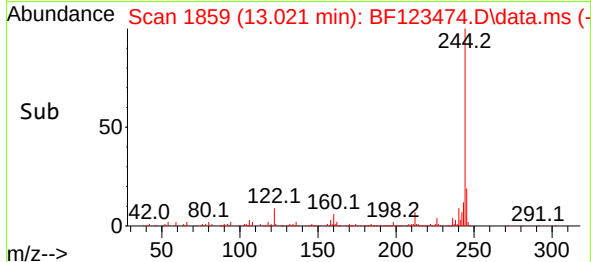
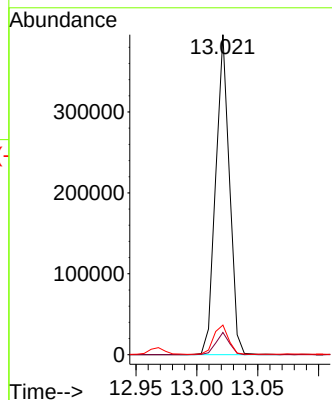
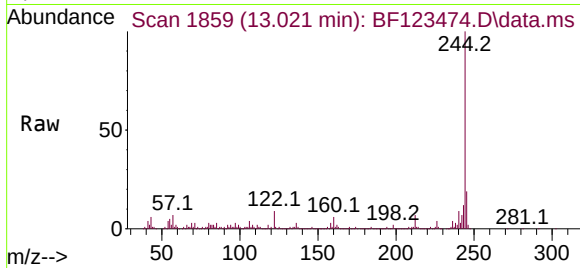




#79
Terphenyl-d14
Concen: 11.94 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

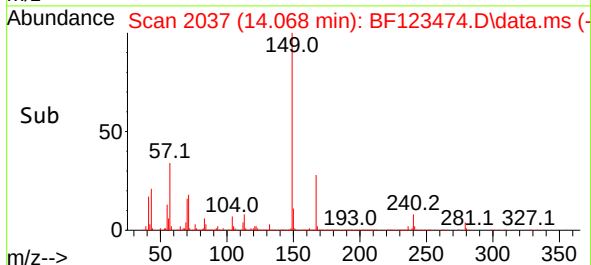
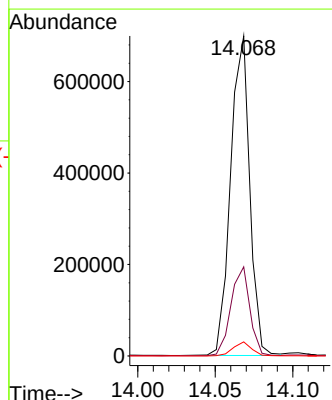
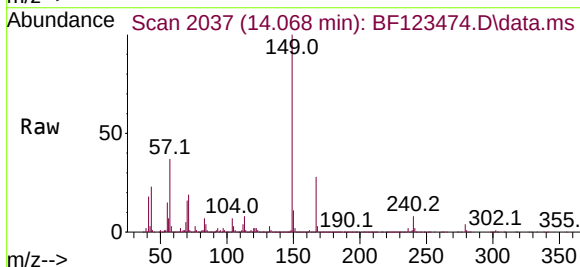
Instrument :
BNA_F
ClientSampled :
110

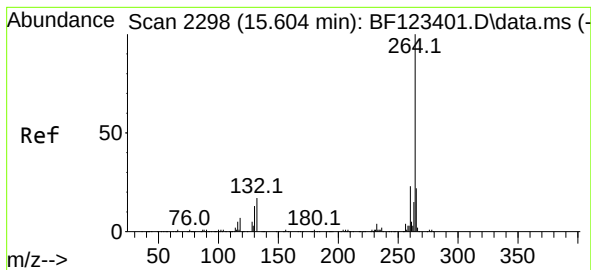
Tgt Ion:244 Resp: 310485
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.2 8.3 12.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 32.31 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF123474.D
Acq: 25 Mar 2021 22:00

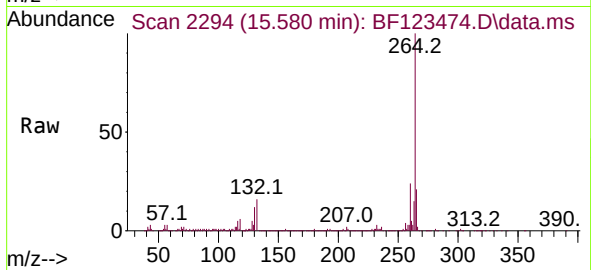
Tgt Ion:149 Resp: 599740
Ion Ratio Lower Upper
149 100
167 27.8 21.4 32.2
279 4.4 3.4 5.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.006 min
 Lab File: BF123474.D
 Acq: 25 Mar 2021 22:00

Instrument :
 BNA_F
 ClientSampleId :
 110



Tgt Ion:264 Resp: 393526
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.0 17.0 25.6

