

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129543.D
 Acq On : 03 Aug 2022 16:36
 Operator : CG\JU
 Sample : PB146537BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146537BL

Quant Time: Aug 03 17:47:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

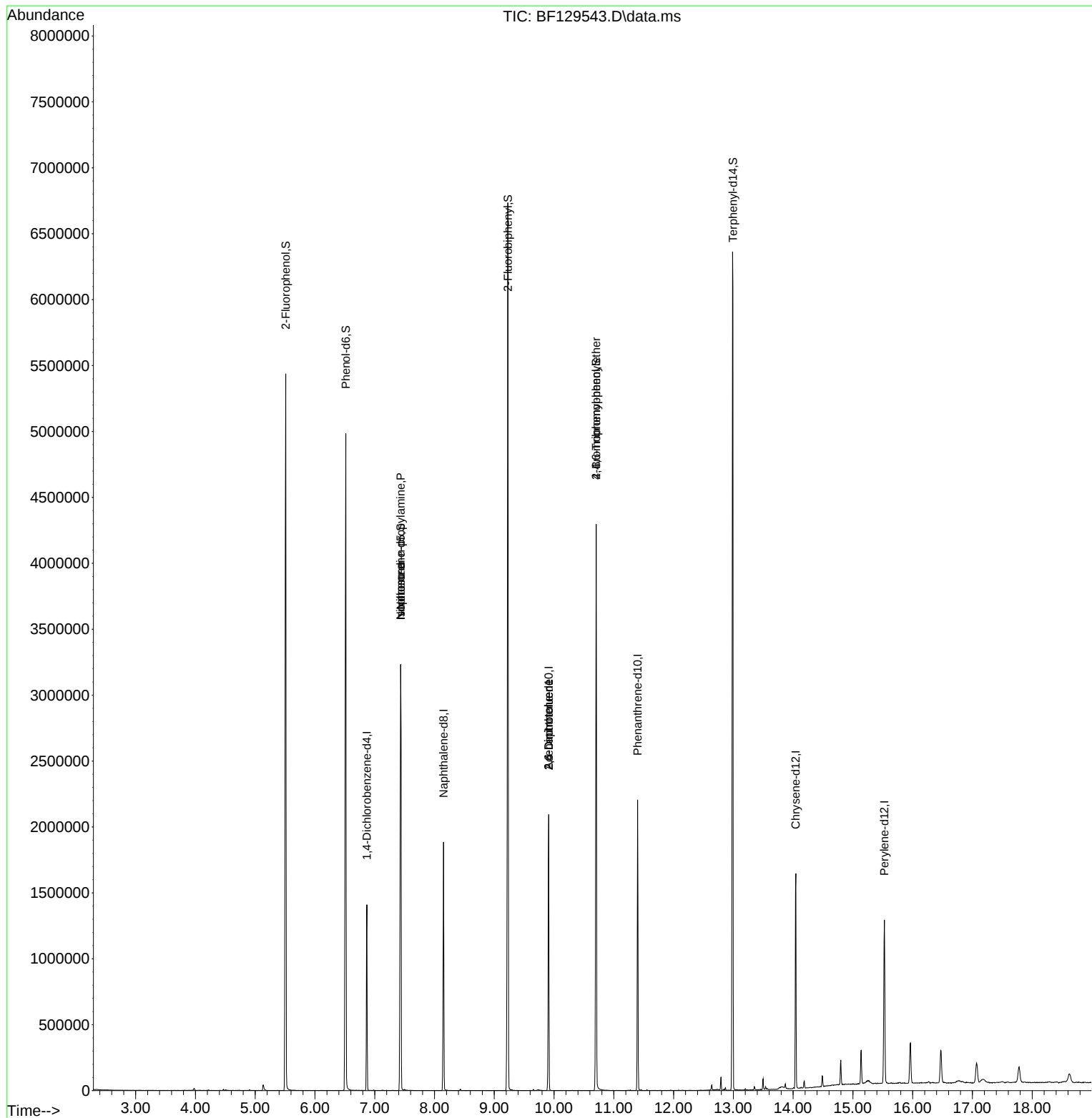
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	201873	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	819966	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	438971	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	745661	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	549309	20.000	ng	0.00
86) Perylene-d12	15.527	264	434935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1503642	121.335	ng	0.00
7) Phenol-d6	6.516	99	1891582	121.438	ng	0.00
23) Nitrobenzene-d5	7.434	82	1263599	84.123	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	518178	122.780	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2248735	79.246	ng	0.00
79) Terphenyl-d14	12.992	244	2444099	83.942	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	169353	17.959	ng	# 74
25) Isophorone	7.434	82	1263573	46.930	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	55965	8.251	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	55965	6.316	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	33122	4.056	ng	# 1

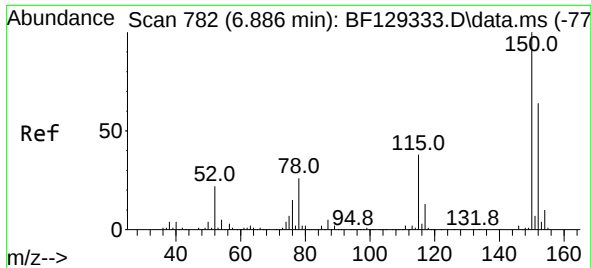
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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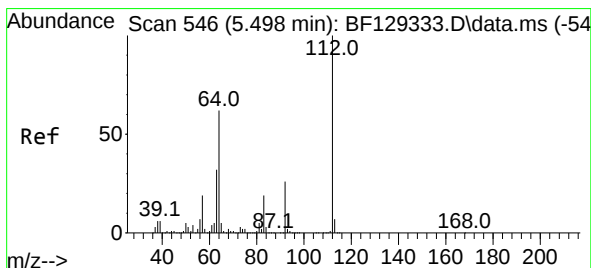
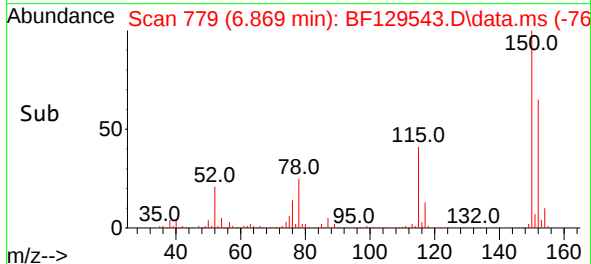
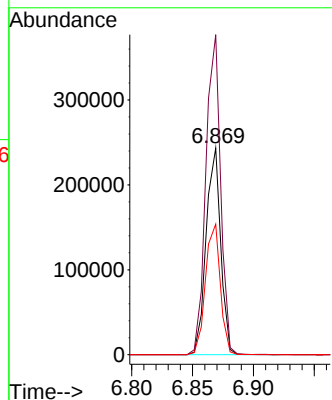
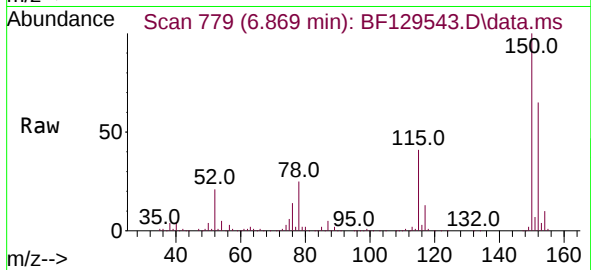




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129543.D
 Acq: 03 Aug 2022 16:36

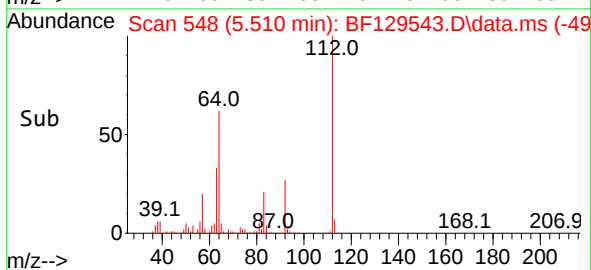
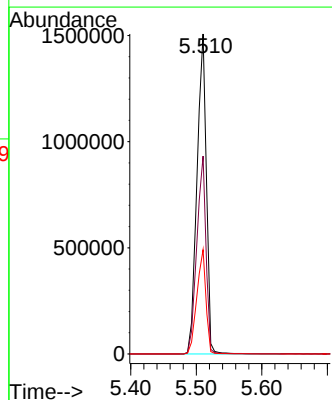
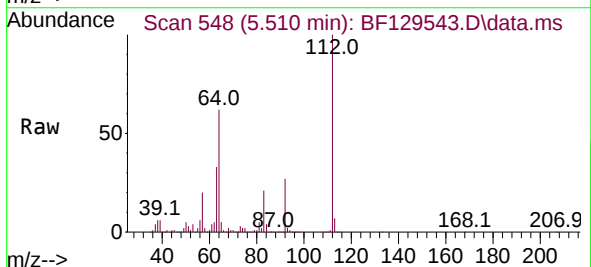
Instrument :
 BNA_F
 ClientSampleId :
 PB146537BL

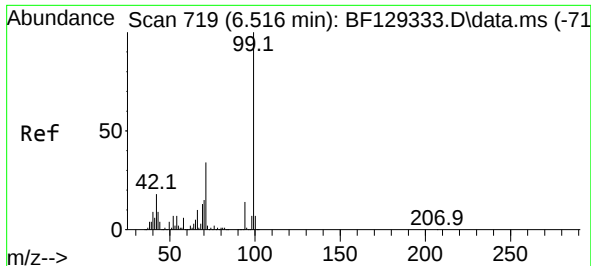
Tgt Ion:152 Resp: 201873
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.7 185.5
 115 63.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.335 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129543.D
 Acq: 03 Aug 2022 16:36

Tgt Ion:112 Resp: 1503642
 Ion Ratio Lower Upper
 112 100
 64 61.8 53.3 79.9
 63 32.6 28.0 42.0

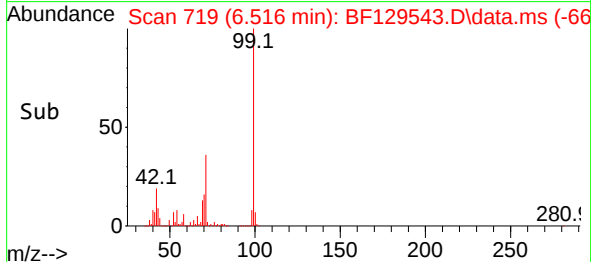
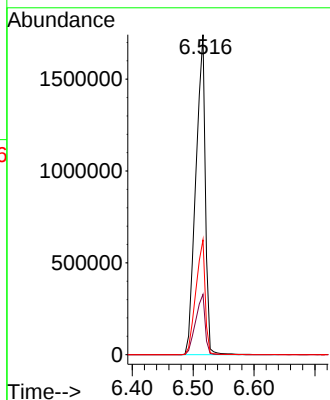
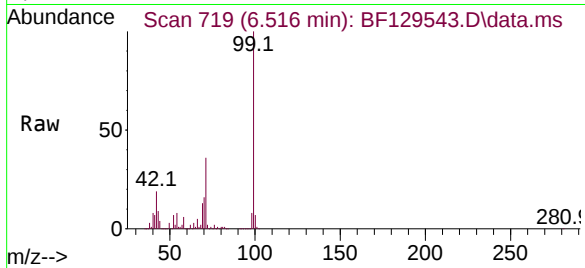




#7
Phenol-d6
Concen: 121.438 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

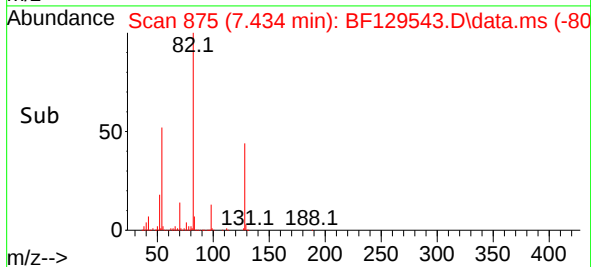
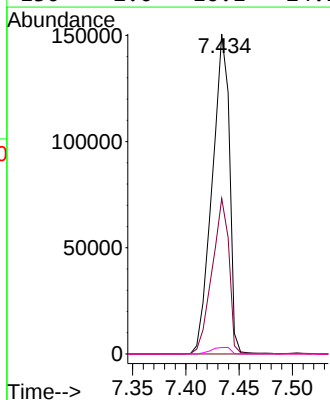
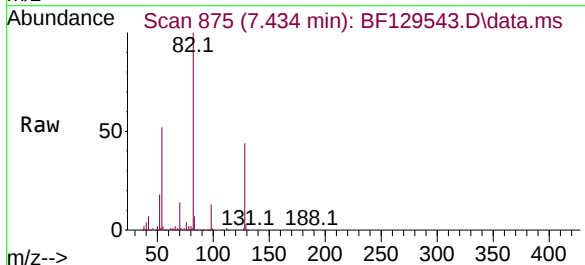
Instrument :
BNA_F
ClientSampleId :
PB146537BL

Tgt Ion: 99 Resp: 1891582
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.959 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

Tgt Ion: 70 Resp: 169353
Ion Ratio Lower Upper
70 100
42 48.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



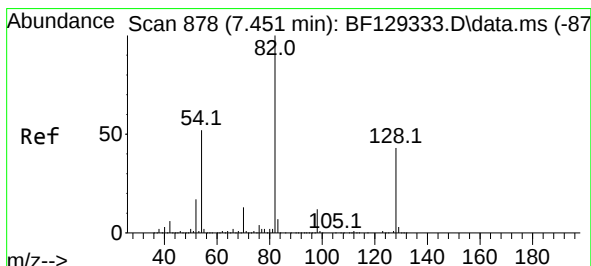
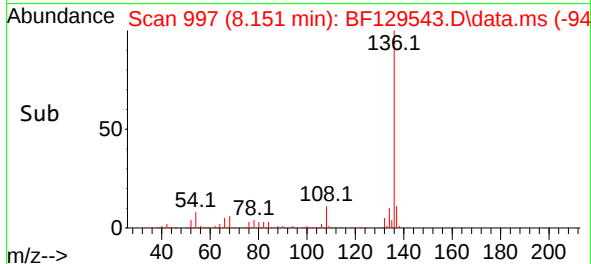
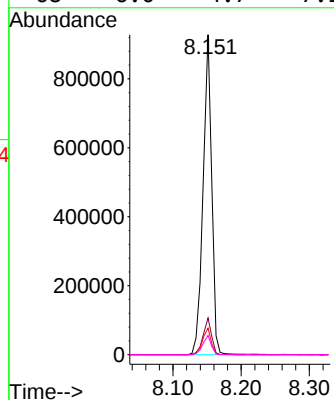
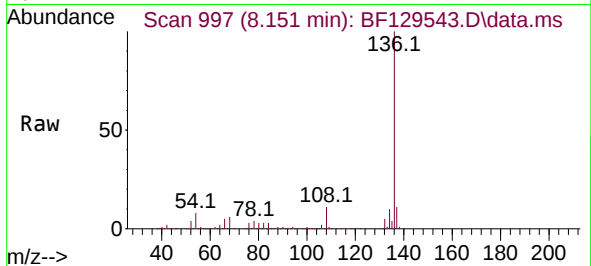


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

Instrument :
BNA_F
ClientSampleId :
PB146537BL

Tgt Ion:136 Resp: 819966

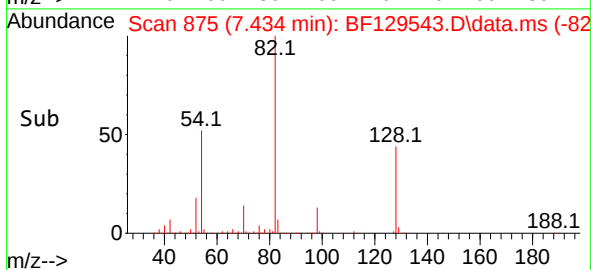
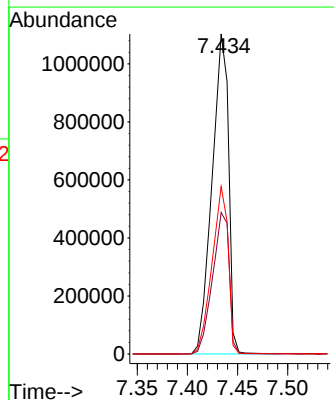
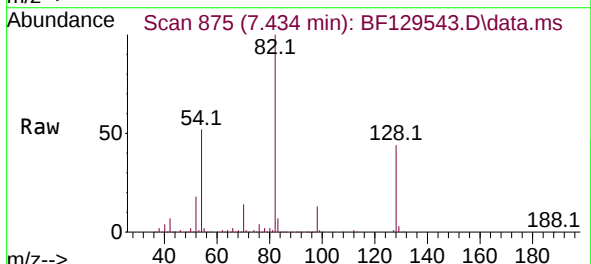
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.3	7.5	11.3
68	6.0	4.7	7.1

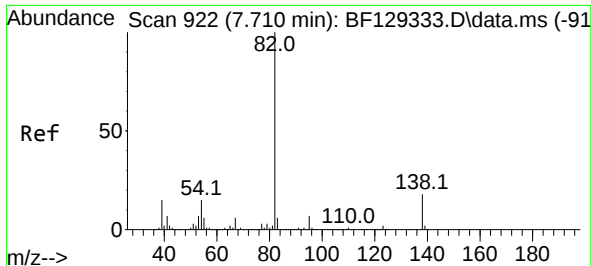


#23
Nitrobenzene-d5
Concen: 84.123 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

Tgt Ion: 82 Resp: 1263599

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	52.3	46.9	70.3

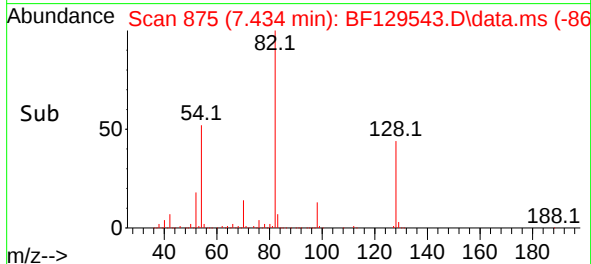
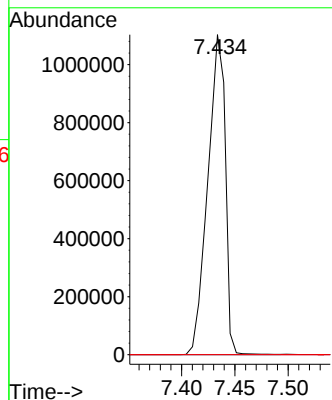
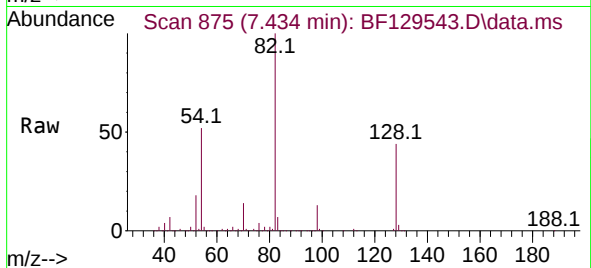




#25
Isophorone
Concen: 46.930 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

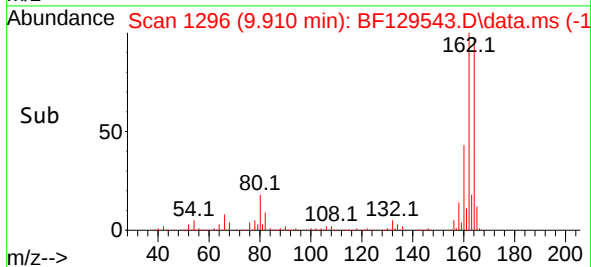
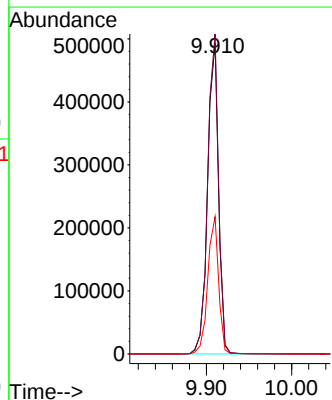
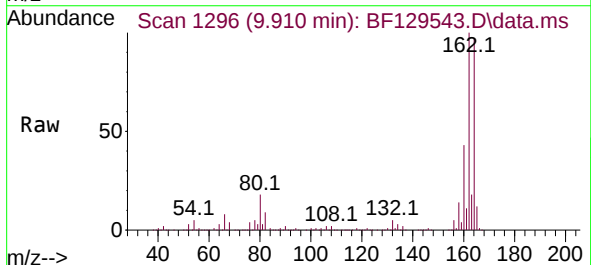
Instrument :
BNA_F
ClientSampleId :
PB146537BL

Tgt Ion: 82 Resp: 1263573
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

Tgt Ion:164 Resp: 438971
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.2 34.2 51.4

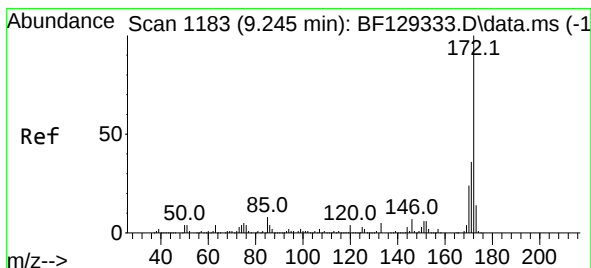
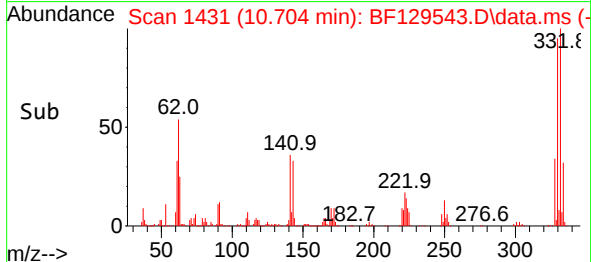
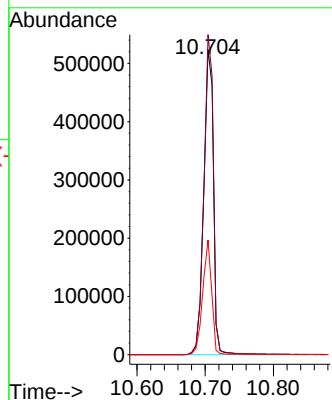
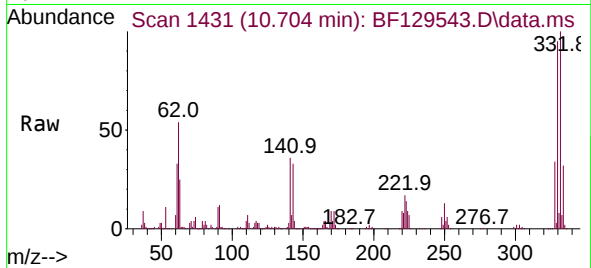




#42
2,4,6-Tribromophenol
Concen: 122.780 ng
RT: 10.704 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

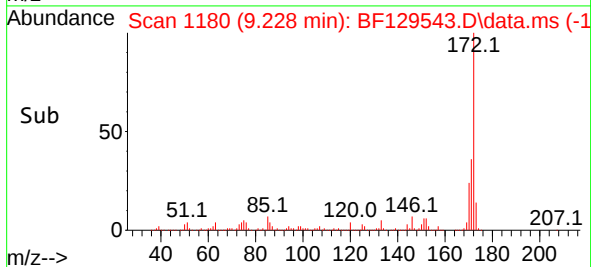
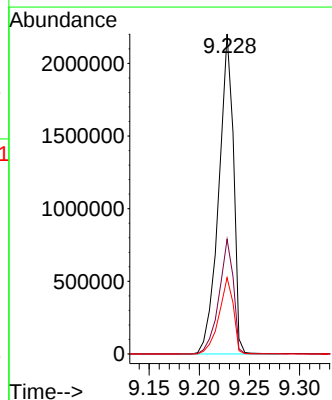
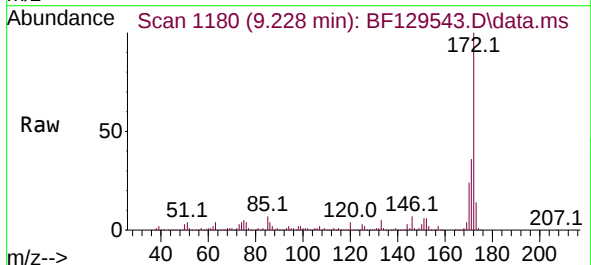
Instrument :
BNA_F
ClientSampleId :
PB146537BL

Tgt Ion:330 Resp: 518178
Ion Ratio Lower Upper
330 100
332 103.5 76.8 115.2
141 35.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 79.246 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

Tgt Ion:172 Resp: 2248735
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 19.8 29.8

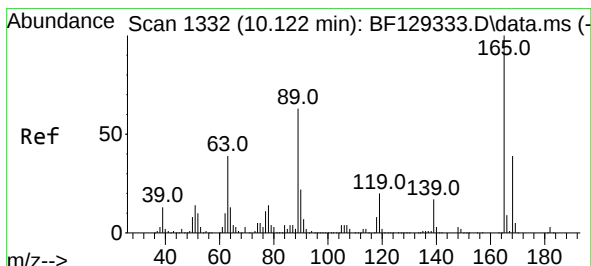
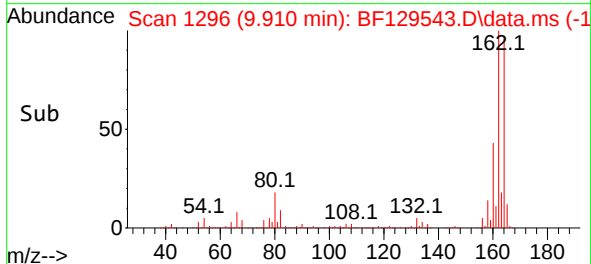
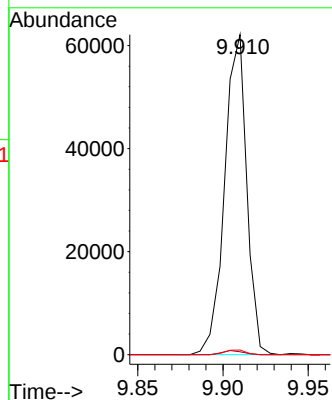
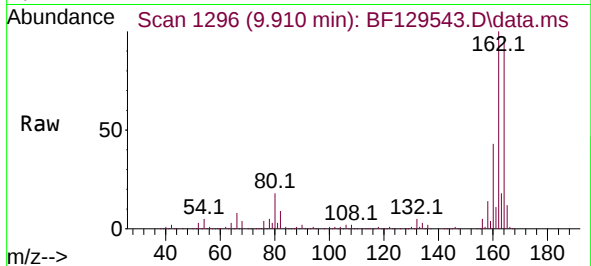




#51
2,6-Dinitrotoluene
Concen: 8.251 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

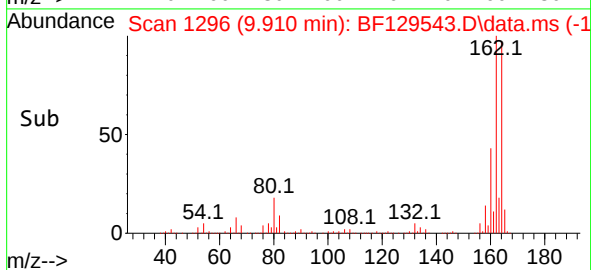
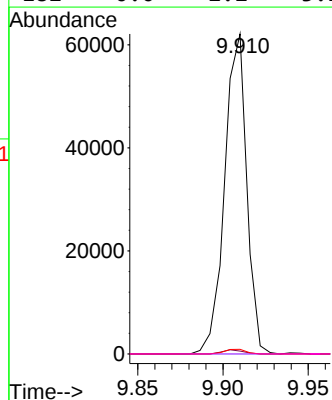
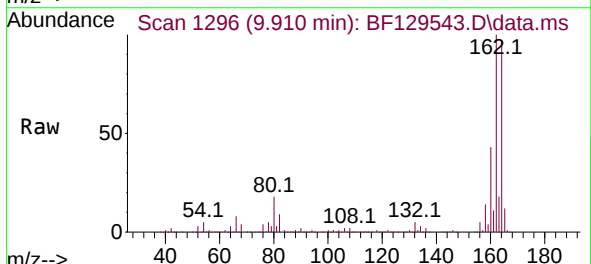
Instrument :
BNA_F
ClientSampleId :
PB146537BL

Tgt Ion:165 Resp: 55965
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.316 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

Tgt Ion:165 Resp: 55965
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

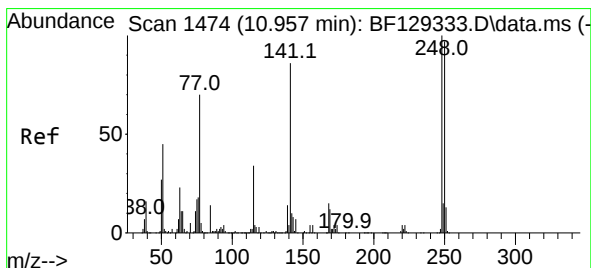
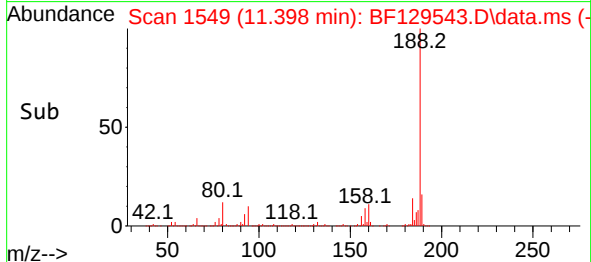
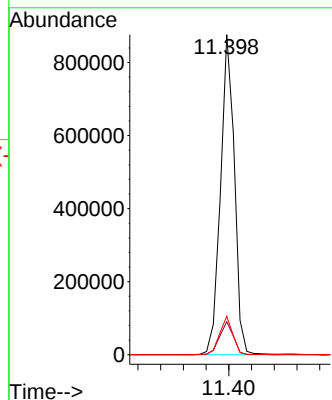
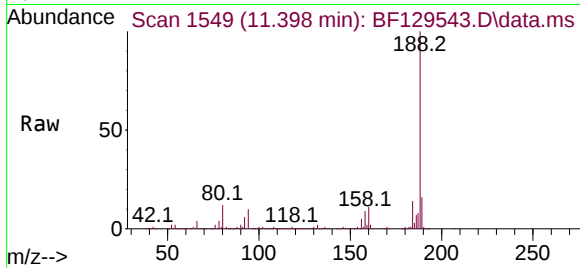




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

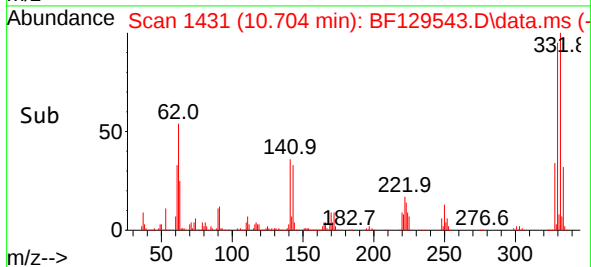
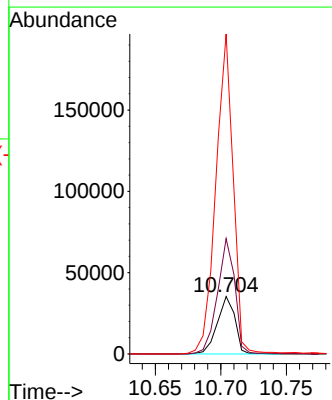
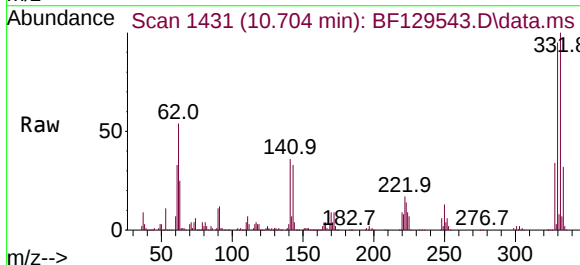
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PB146537BL

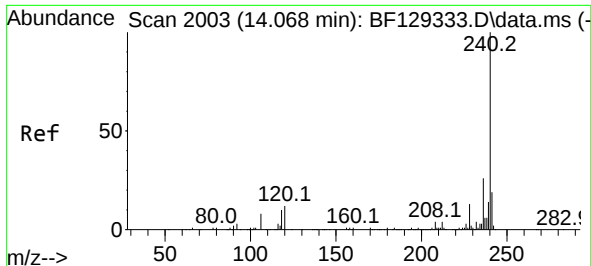
Tgt Ion:188 Resp: 745661
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 12.0 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.056 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

Tgt Ion:248 Resp: 33122
Ion Ratio Lower Upper
248 100
250 201.0 80.6 120.8#
141 557.3 58.9 88.3#

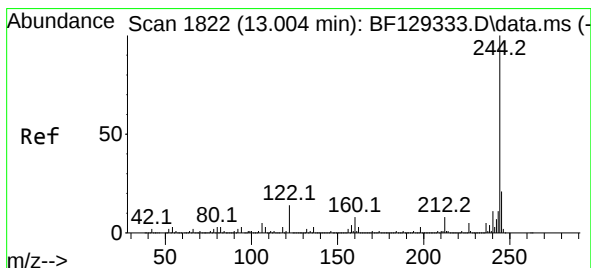
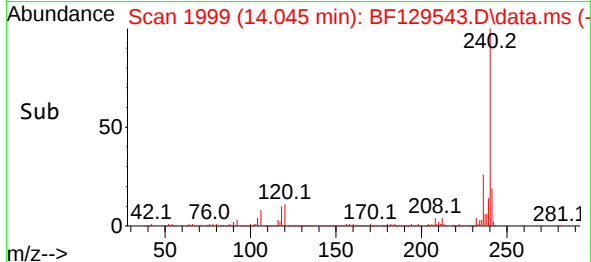
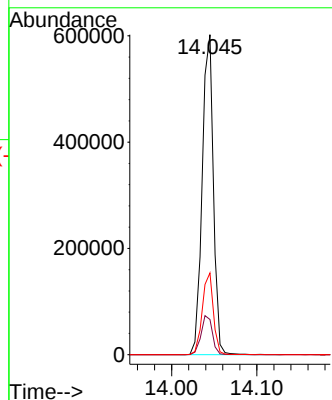
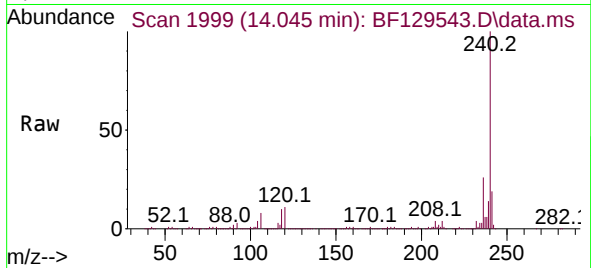




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

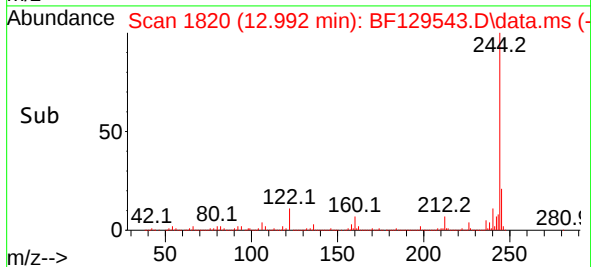
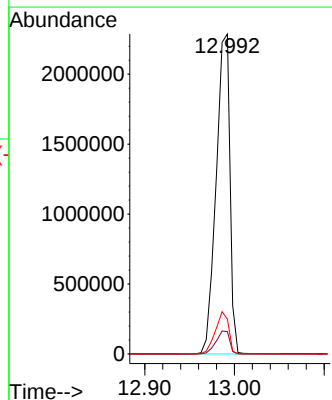
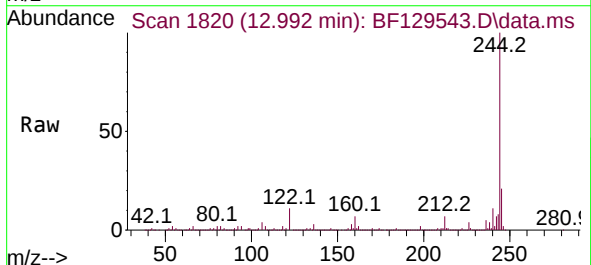
Instrument :
BNA_F
ClientSampleId :
PB146537BL

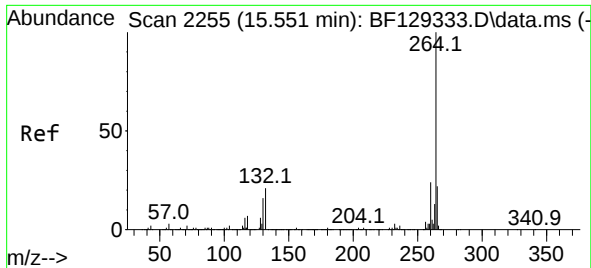
Tgt Ion:240 Resp: 549309
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 83.942 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

Tgt Ion:244 Resp: 2444099
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 10.9 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129543.D
Acq: 03 Aug 2022 16:36

Instrument :
BNA_F
ClientSampleId :
PB146537BL

Tgt Ion:264 Resp: 434935

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	22.4	17.2	25.8

