

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132834.D
 Acq On : 17 Mar 2023 21:19
 Operator : CG\JU
 Sample : 01932-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-6A-031423

Quant Time: Mar 17 23:33:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

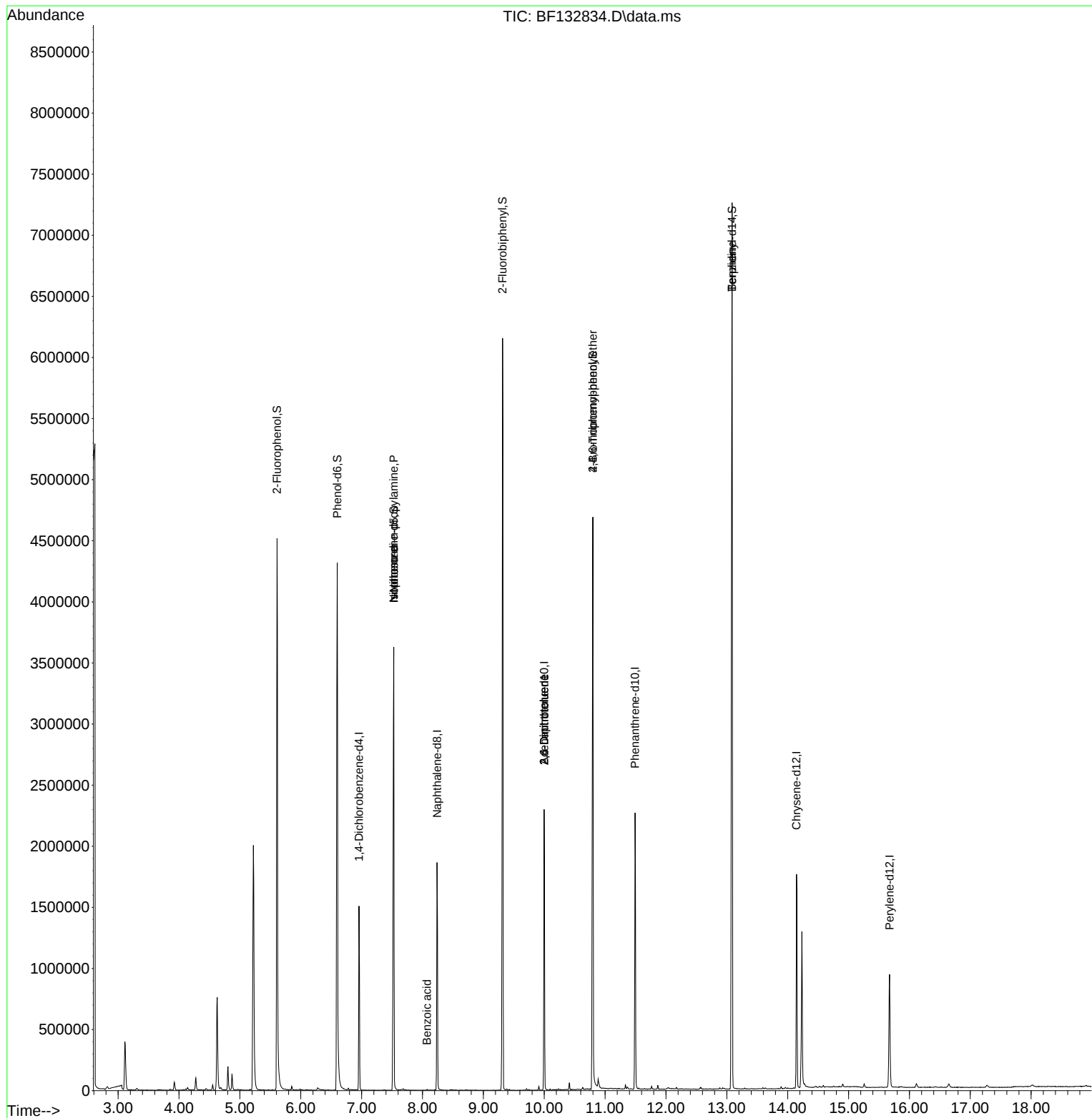
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	212074	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	806558	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	467158	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	869355	20.000	ng	0.00
76) Chrysene-d12	14.145	240	626983	20.000	ng	0.00
86) Perylene-d12	15.674	264	462083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1508061	119.991	ng	0.02
7) Phenol-d6	6.598	99	1896712	116.269	ng	0.00
23) Nitrobenzene-d5	7.528	82	1350038	85.658	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	642849	129.449	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2153196	75.714	ng	0.00
79) Terphenyl-d14	13.086	244	2872365	82.723	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	178229	19.149	ng	# 76
25) Isophorone	7.528	82	1350028	43.573	ng	# 66
32) Benzoic acid	8.075	122	120	10.482	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	60339	8.147	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	60339	6.378	ng	# 23
67) 4-Bromophenyl-phenylether	10.798	248	42235	4.202	ng	# 1
77) Benzidine	13.086	184	40945	10.486	ng	# 95

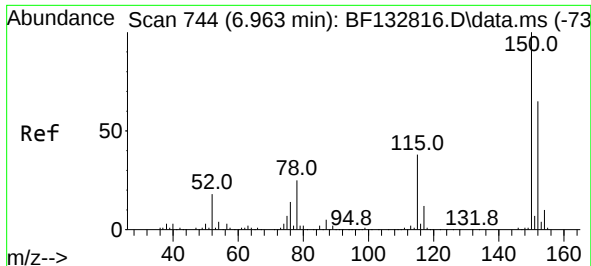
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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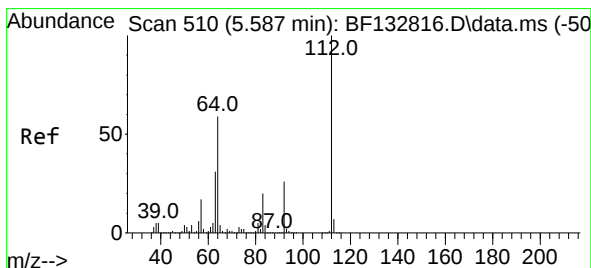
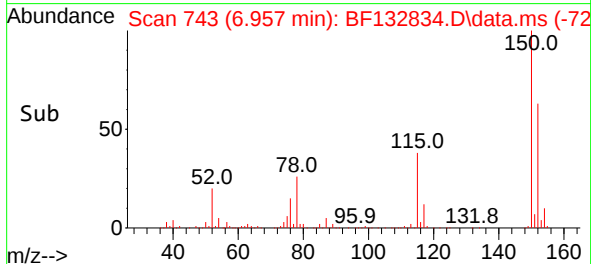
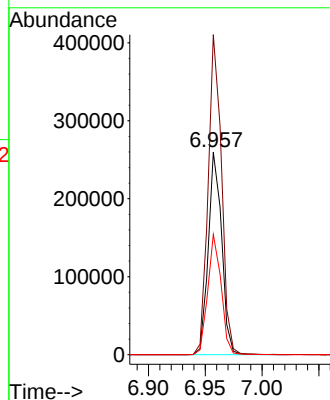
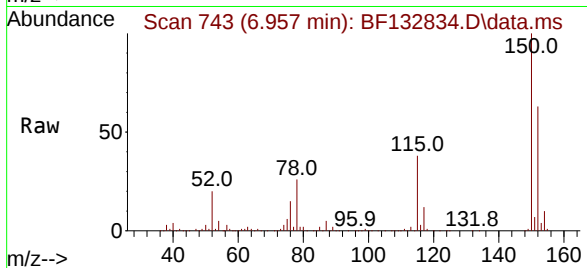




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: BF132834.D
 Acq: 17 Mar 2023 21:19

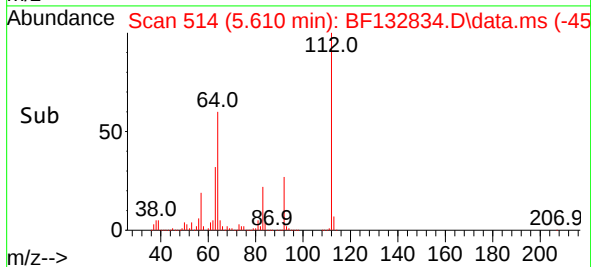
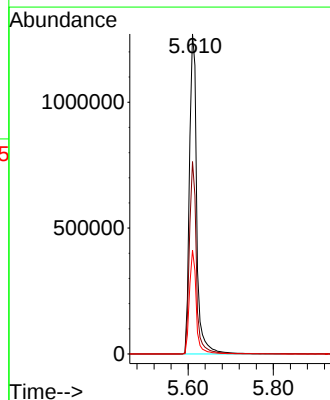
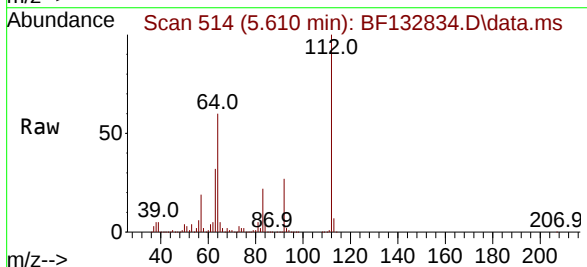
Instrument :
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 ClientSampleId :
 JPP-6A-031423

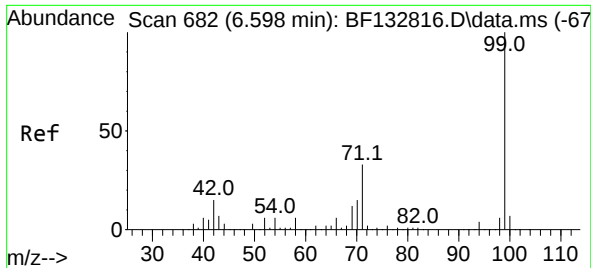
Tgt Ion:152 Resp: 212074
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.7 184.1
 115 59.3 46.2 69.4



#5
 2-Fluorophenol
 Concen: 119.991 ng
 RT: 5.610 min Scan# 514
 Delta R.T. 0.024 min
 Lab File: BF132834.D
 Acq: 17 Mar 2023 21:19

Tgt Ion:112 Resp: 1508061
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.1 70.7
 63 32.4 24.4 36.6

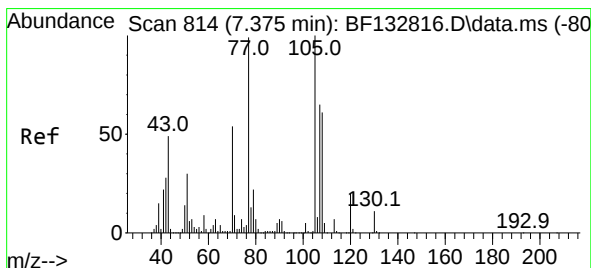
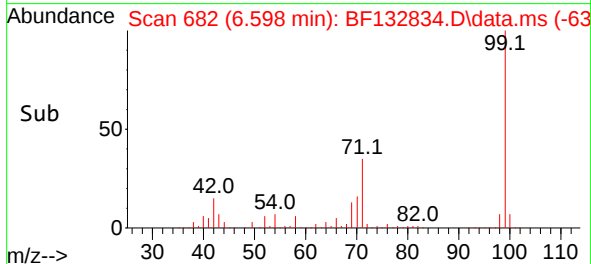
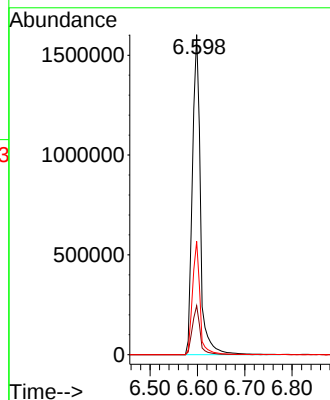
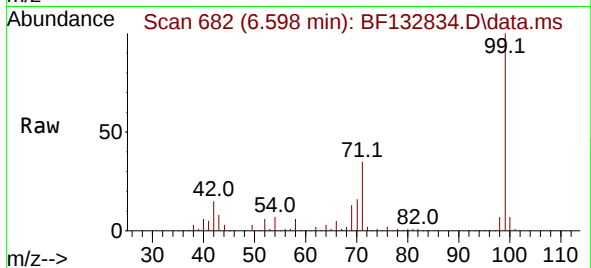




#7
Phenol-d6
Concen: 116.269 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

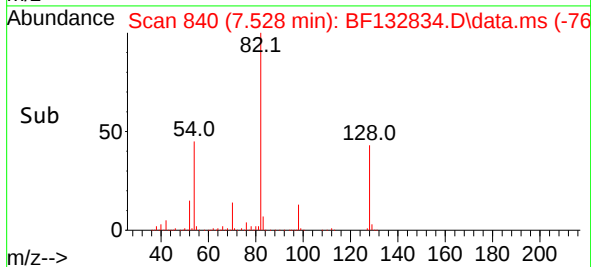
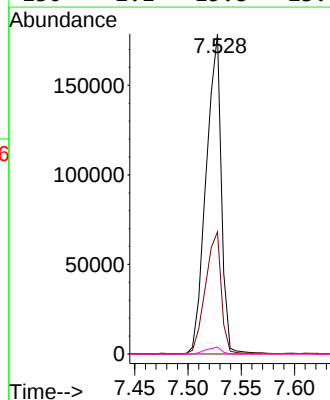
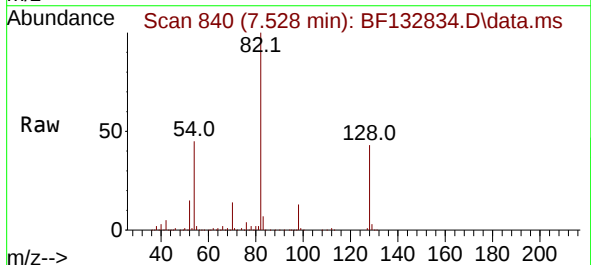
Instrument :
BNA_F
ClientSampleId :
JPP-6A-031423

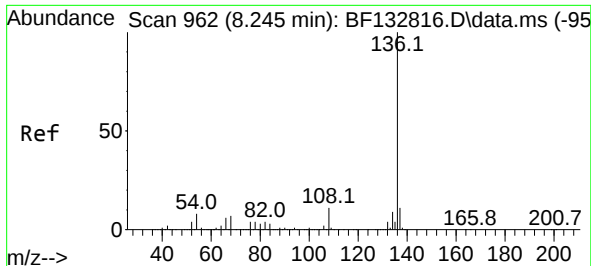
Tgt Ion: 99 Resp: 1896712
Ion Ratio Lower Upper
99 100
42 15.3 11.9 17.9
71 35.4 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.149 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

Tgt Ion: 70 Resp: 178229
Ion Ratio Lower Upper
70 100
42 38.2 40.9 61.3#
101 0.0 7.8 11.6#
130 2.1 15.8 23.6#

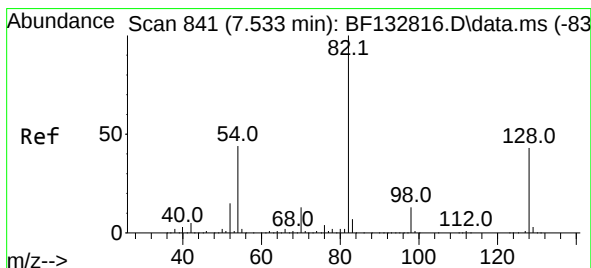
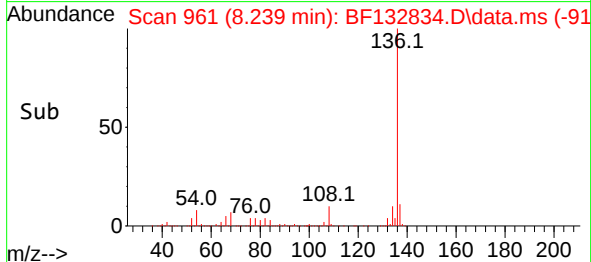
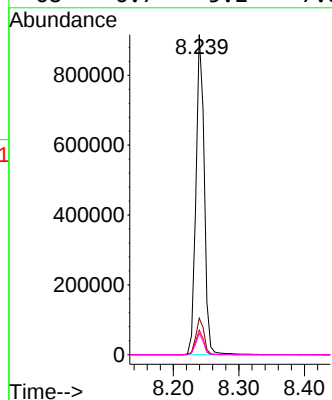
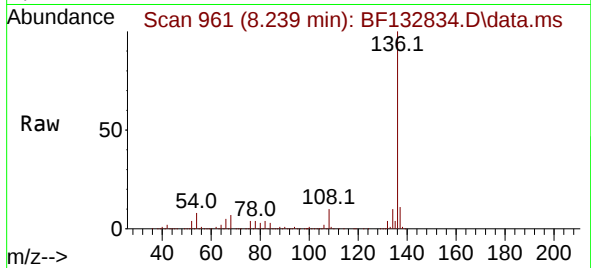




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

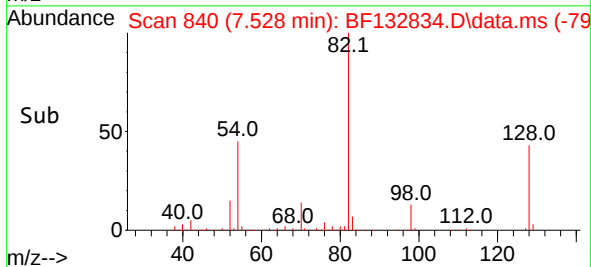
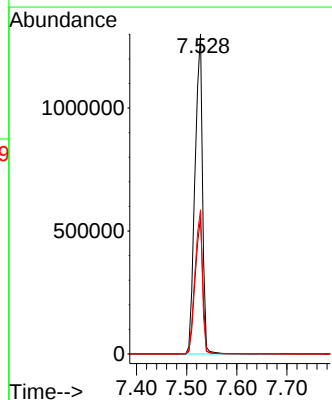
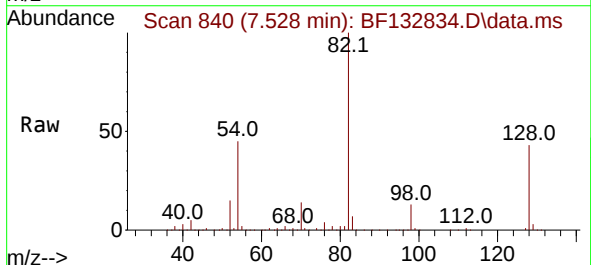
Instrument :
BNA_F
ClientSampleId :
JPP-6A-031423

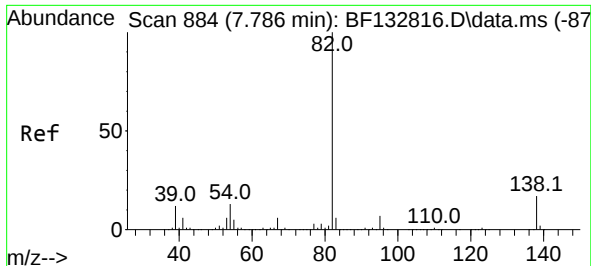
Tgt Ion:136 Resp: 806558
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.7 6.1 9.1
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 85.658 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

Tgt Ion: 82 Resp: 1350038
Ion Ratio Lower Upper
82 100
128 42.6 34.4 51.6
54 45.0 35.2 52.8

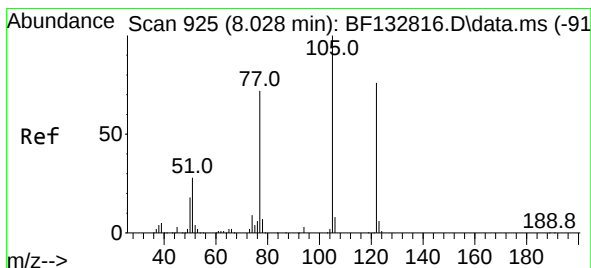
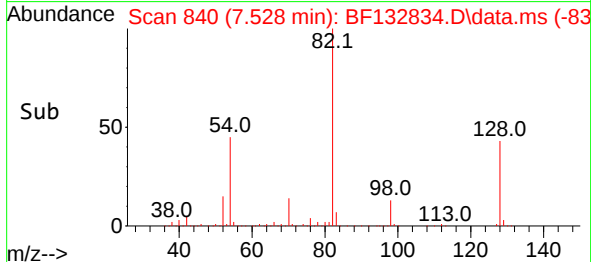
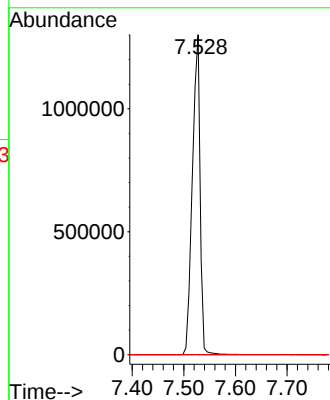
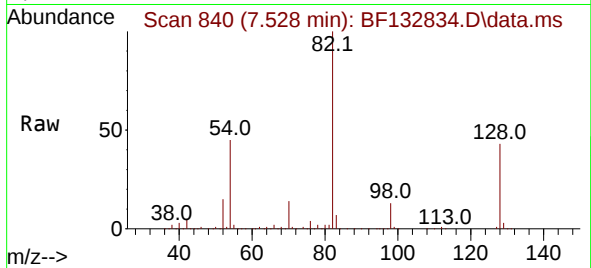




#25
Isophorone
Concen: 43.573 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

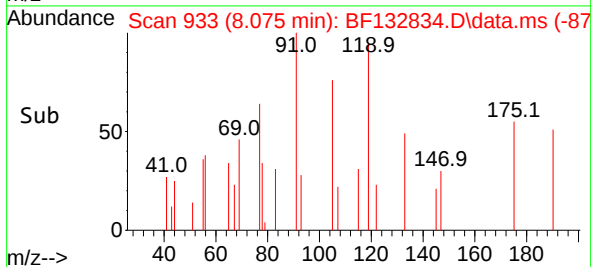
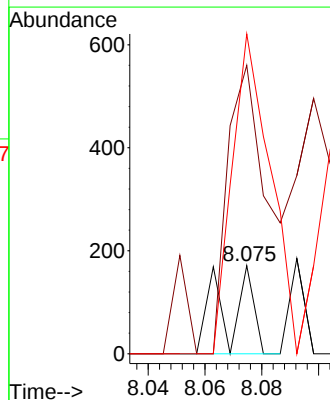
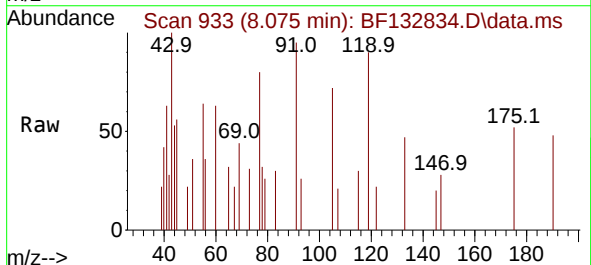
Instrument :
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ClientSampleId :
JPP-6A-031423

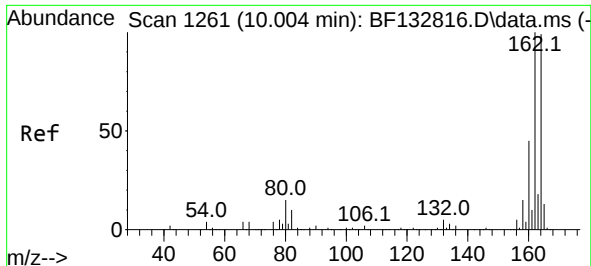
Tgt Ion: 82 Resp: 1350028
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.482 ng
RT: 8.075 min Scan# 933
Delta R.T. 0.047 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

Tgt Ion:122 Resp: 120
Ion Ratio Lower Upper
122 100
105 327.5 110.8 150.8#
77 363.2 74.2 114.2#

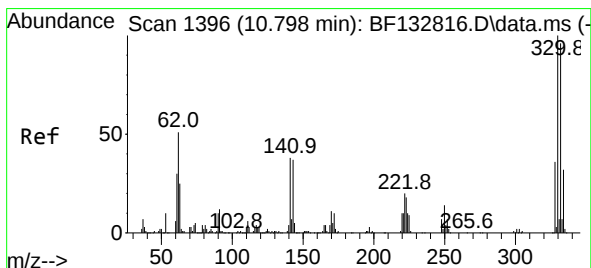
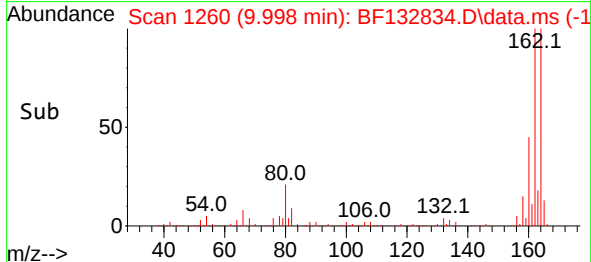
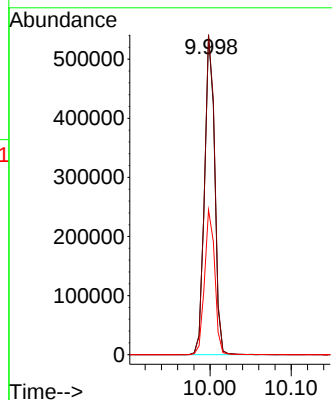
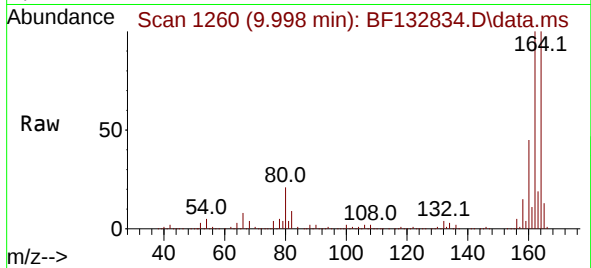




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

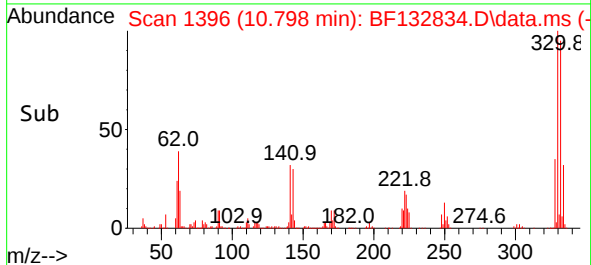
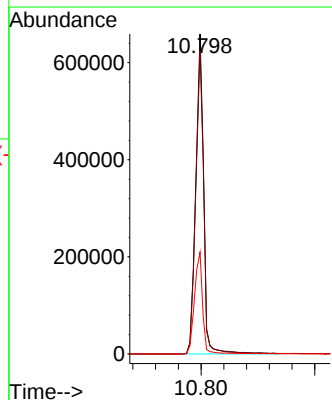
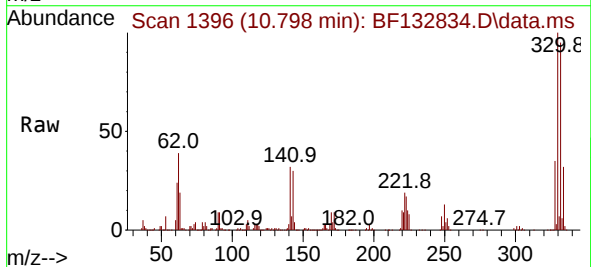
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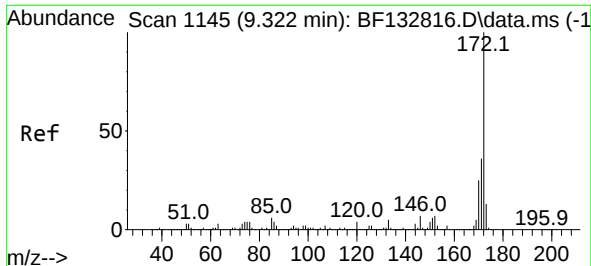
Tgt Ion:164 Resp: 467158
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 45.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 129.449 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

Tgt Ion:330 Resp: 642849
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 32.6 26.7 40.1

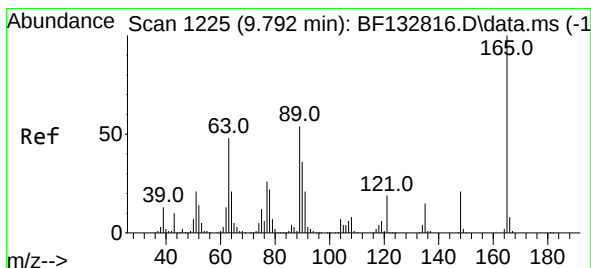
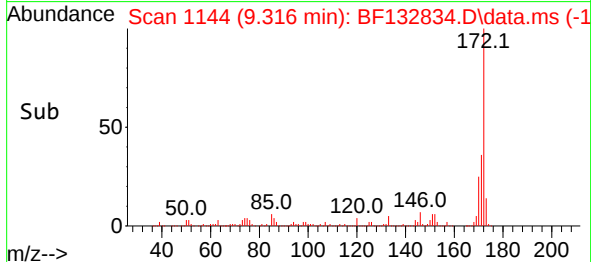
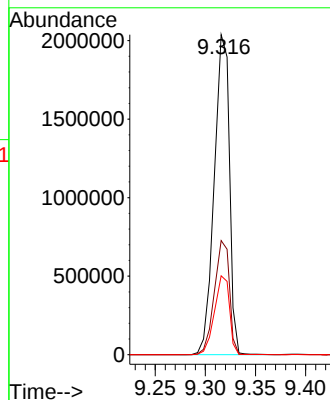
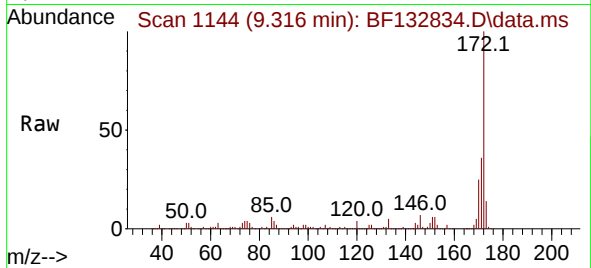




#45
 2-Fluorobiphenyl
 Concen: 75.714 ng
 RT: 9.316 min Scan# 1145
 Delta R.T. -0.006 min
 Lab File: BF132834.D
 Acq: 17 Mar 2023 21:19

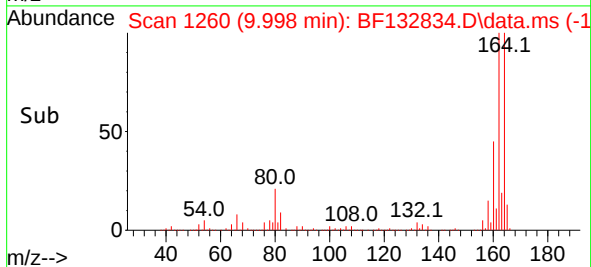
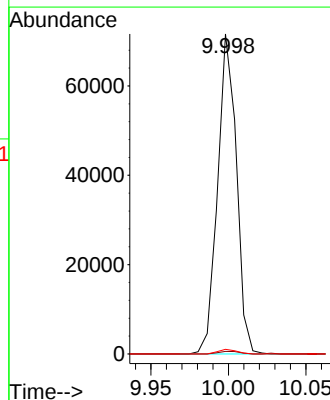
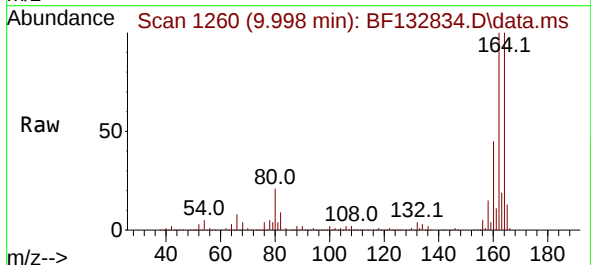
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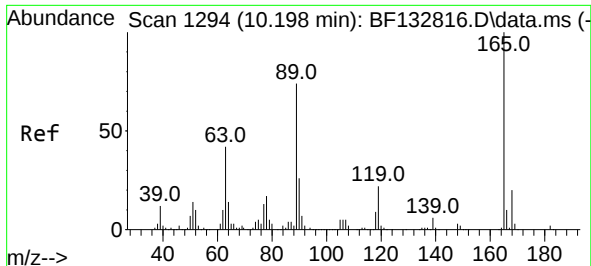
Tgt Ion:172 Resp: 2153196
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 24.6 19.8 29.8



#51
 2,6-Dinitrotoluene
 Concen: 8.147 ng
 RT: 9.998 min Scan# 1260
 Delta R.T. 0.206 min
 Lab File: BF132834.D
 Acq: 17 Mar 2023 21:19

Tgt Ion:165 Resp: 60339
 Ion Ratio Lower Upper
 165 100
 63 0.8 39.1 58.7#
 89 1.5 43.5 65.3#

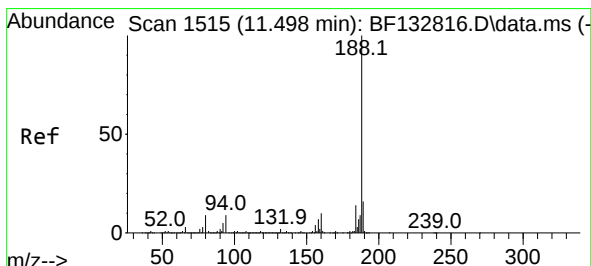
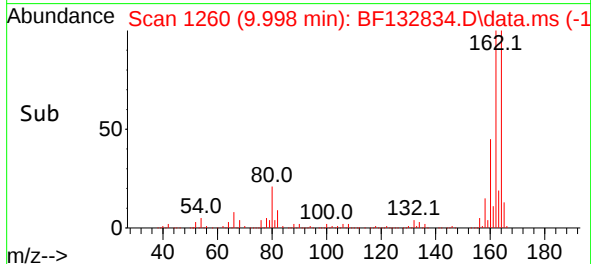
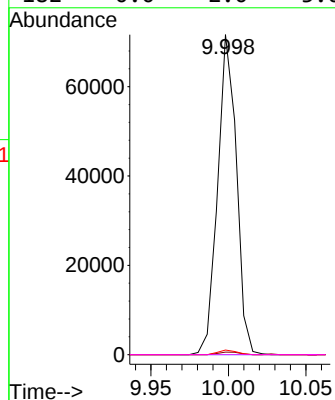
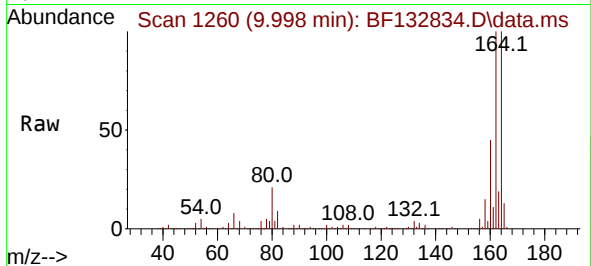




#57
2,4-Dinitrotoluene
Concen: 6.378 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

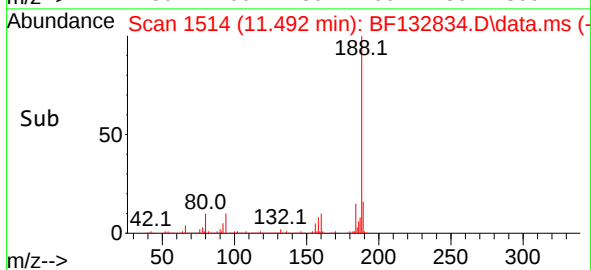
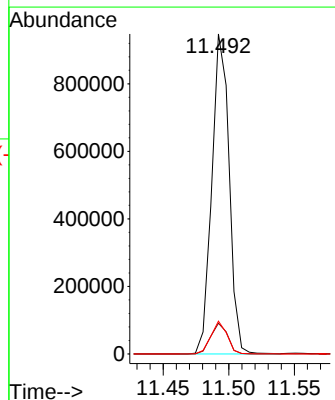
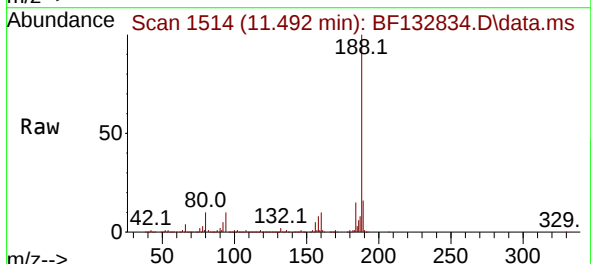
Instrument :
BNA_F
ClientSampleId :
JPP-6A-031423

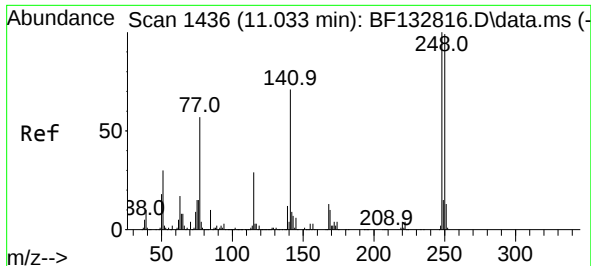
Tgt Ion:165 Resp: 60339
Ion Ratio Lower Upper
165 100
63 0.8 34.4 51.6#
89 1.5 59.5 89.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

Tgt Ion:188 Resp: 869355
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.2 7.5 11.3

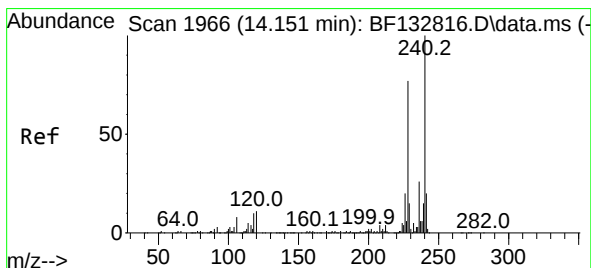
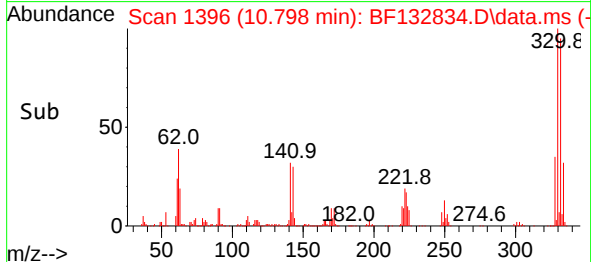
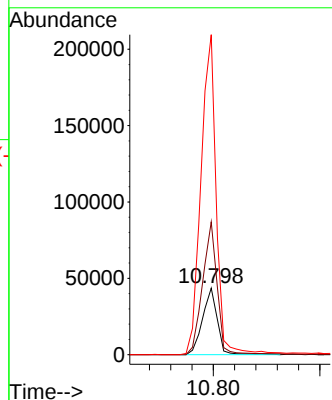
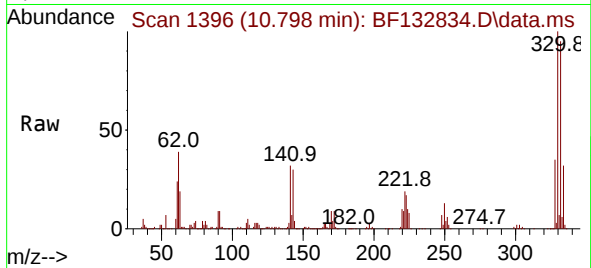




#67
4-Bromophenyl-phenylether
Concen: 4.202 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

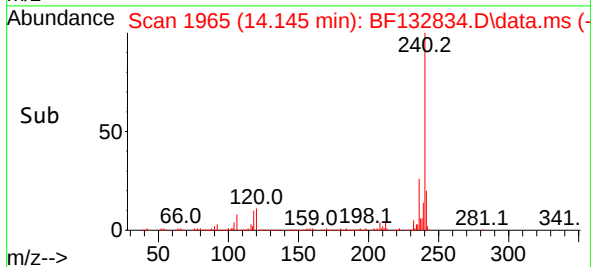
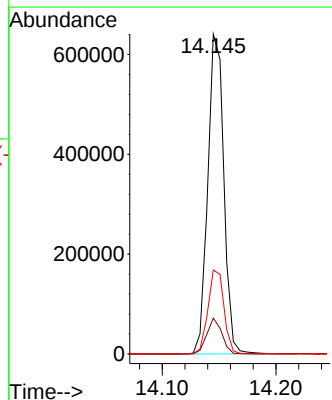
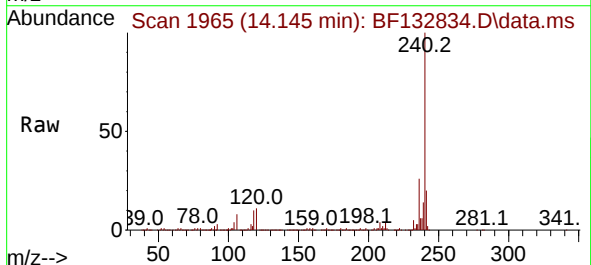
Instrument :
BNA_F
ClientSampleId :
JPP-6A-031423

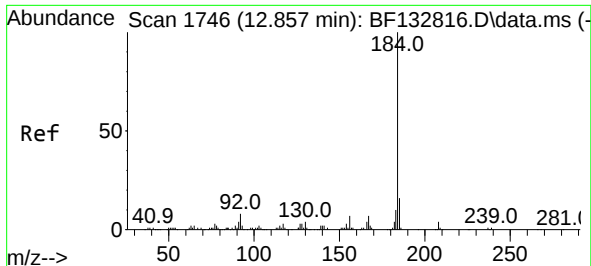
Tgt Ion:248 Resp: 42235
Ion Ratio Lower Upper
248 100
250 199.8 79.1 118.7#
141 481.1 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

Tgt Ion:240 Resp: 626983
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 26.3 21.2 31.8

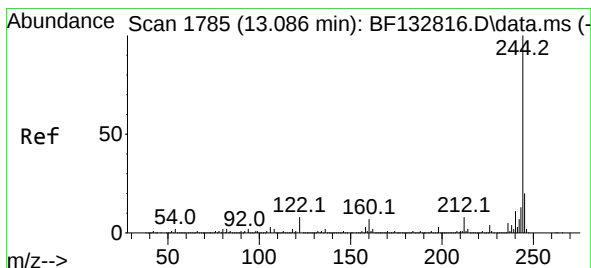
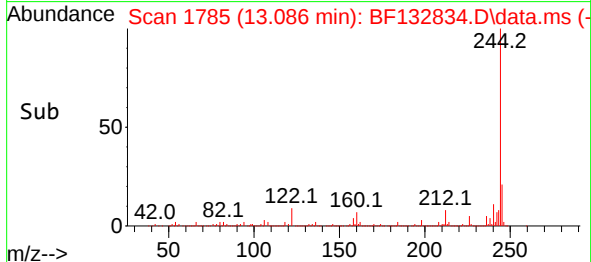
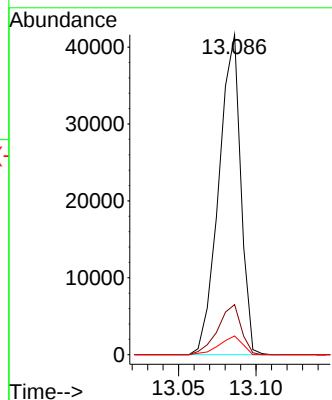
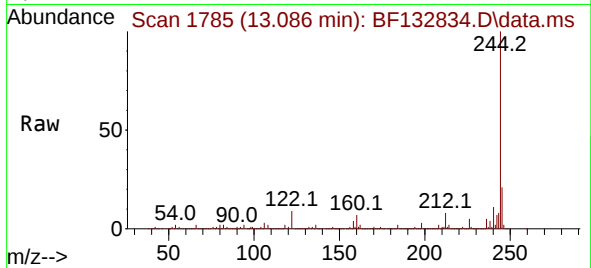




#77
Benzidine
Concen: 10.486 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.229 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

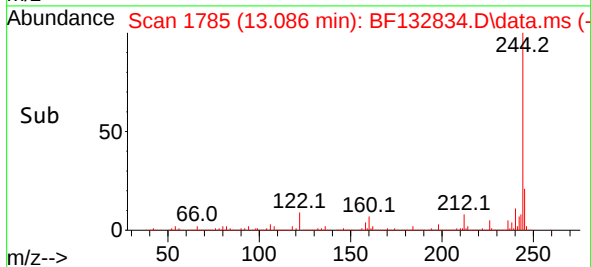
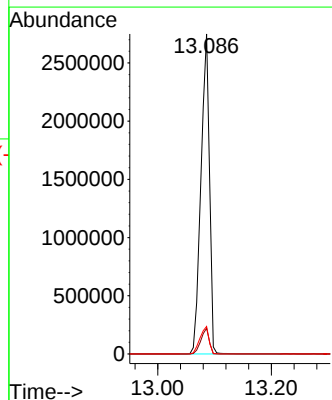
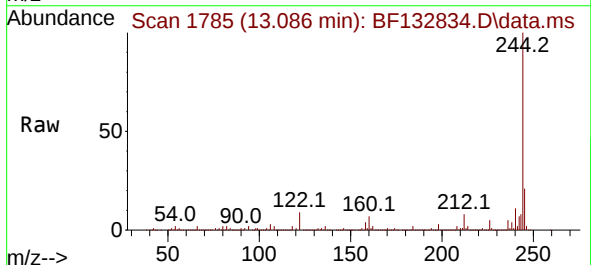
Instrument :
BNA_F
ClientSampleId :
JPP-6A-031423

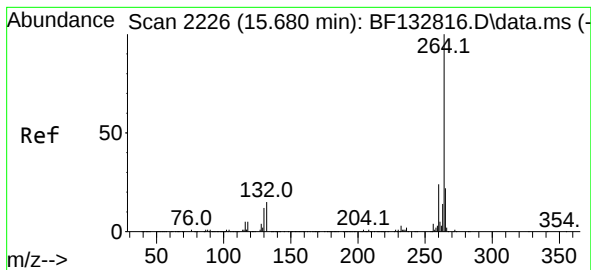
Tgt Ion:184 Resp: 40945
Ion Ratio Lower Upper
184 100
185 15.6 12.6 19.0
183 5.9 8.2 12.4#



#79
Terphenyl-d14
Concen: 82.723 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132834.D
Acq: 17 Mar 2023 21:19

Tgt Ion:244 Resp: 2872365
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.6 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132834.D
 Acq: 17 Mar 2023 21:19

Instrument :
 BNA_F
 ClientSampleId :
 JPP-6A-031423

Tgt Ion:264 Resp: 462083
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.9 28.3
 265 21.9 17.4 26.0

