

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134532.D
 Acq On : 29 Jul 2023 00:42
 Operator : CG\JU
 Sample : 03733-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-6-072423

Quant Time: Jul 29 01:29:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

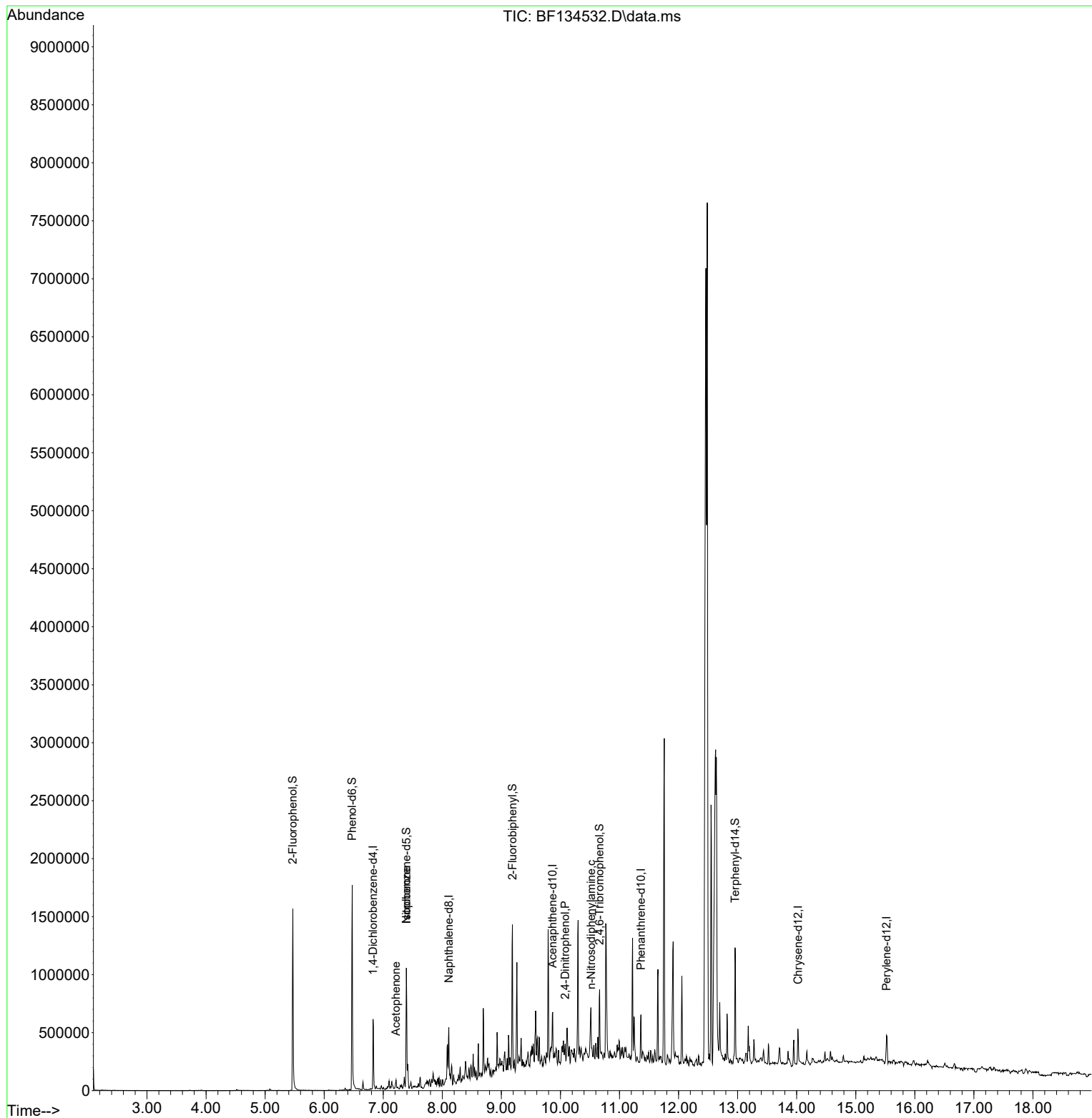
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	91950	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	190748	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	81040	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	135082	20.000	ng	0.00
76) Chrysene-d12	14.021	240	100706	20.000	ng	0.00
86) Perylene-d12	15.521	264	96003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	402982	72.409	ng	0.00
7) Phenol-d6	6.475	99	525418	77.056	ng	0.00
23) Nitrobenzene-d5	7.392	82	300012	79.576	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	79061	68.663	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	367536	59.538	ng	0.00
79) Terphenyl-d14	12.957	244	337457	58.496	ng	0.00
Target Compounds						
					Qvalue	
22) Acetophenone	7.216	105	10121	2.133	ng	# 53
25) Isophorone	7.392	82	297969	47.422	ng	# 65
54) 2,4-Dinitrophenol	10.080	184	188	6.819	ng	# 1
66) n-Nitrosodiphenylamine	10.522	169	9380	2.183	ng	# 65

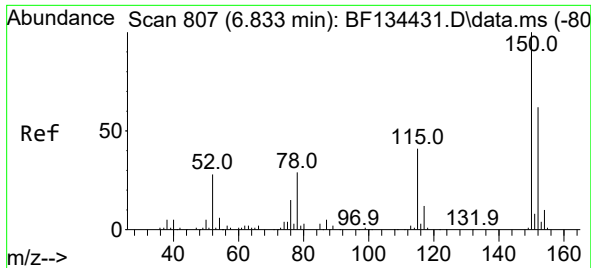
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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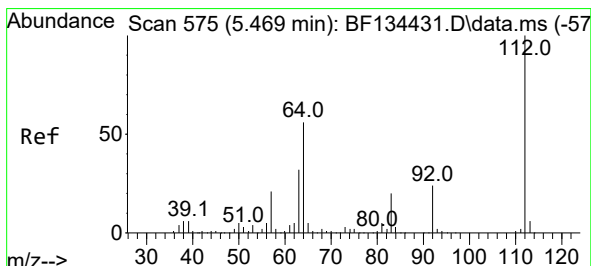
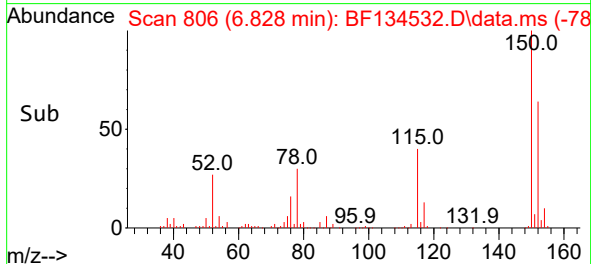
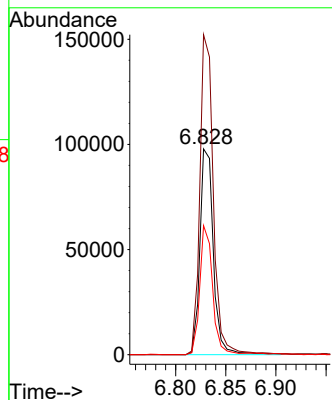
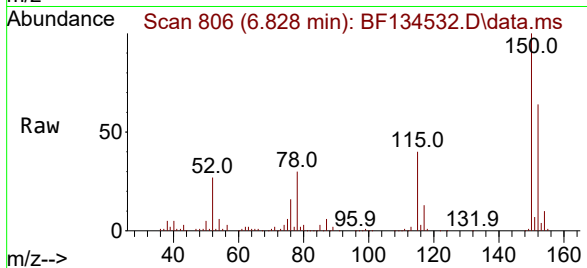




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

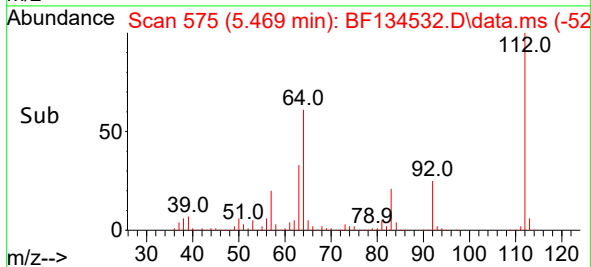
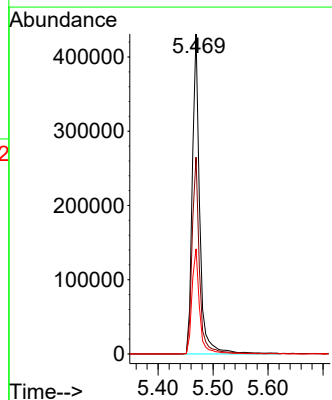
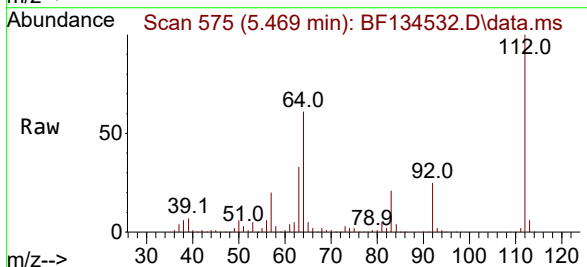
Instrument :
BNA_F
ClientSampleId :
AU-6-072423

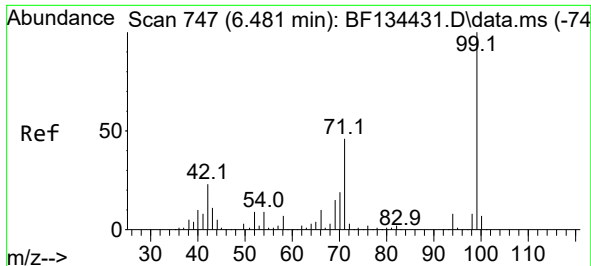
Tgt Ion:152 Resp: 91950
Ion Ratio Lower Upper
152 100
150 155.5 128.3 192.5
115 62.7 52.4 78.6



#5
2-Fluorophenol
Concen: 72.409 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

Tgt Ion:112 Resp: 402982
Ion Ratio Lower Upper
112 100
64 61.5 44.9 67.3
63 32.8 25.4 38.0

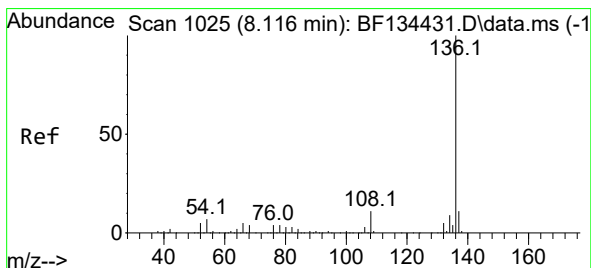
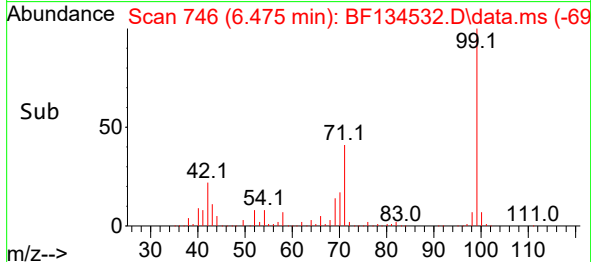
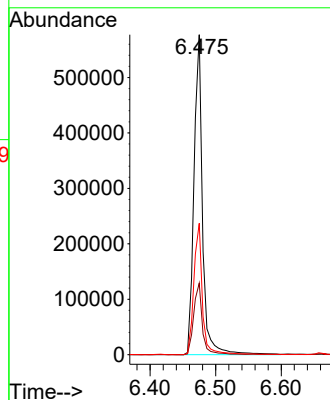
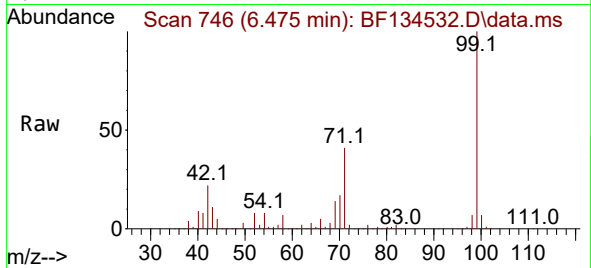




#7
Phenol-d6
Concen: 77.056 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

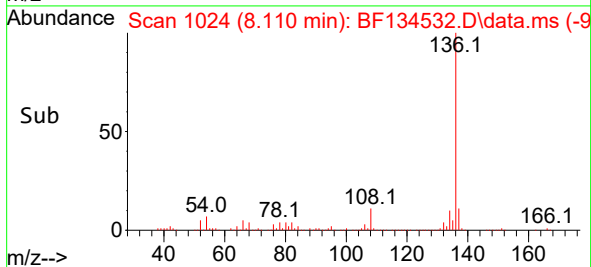
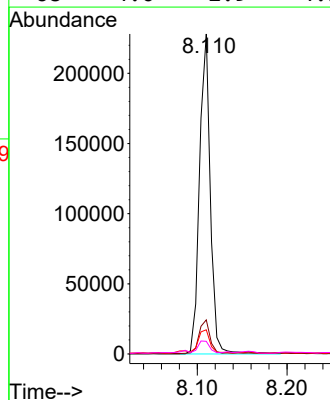
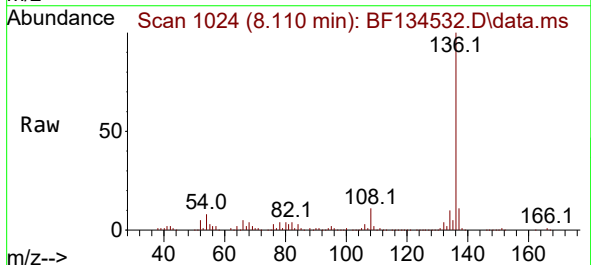
Instrument :
BNA_F
ClientSampleId :
AU-6-072423

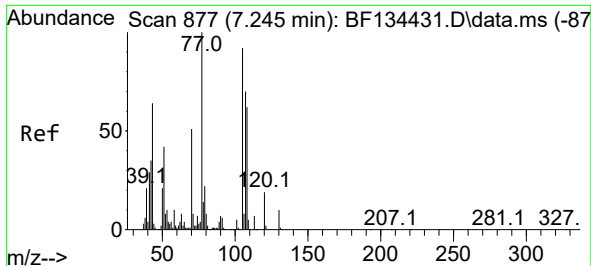
Tgt Ion: 99 Resp: 525418
Ion Ratio Lower Upper
99 100
42 22.3 18.7 28.1
71 41.1 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

Tgt Ion:136 Resp: 190748
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 5.2 7.8
68 4.0 2.9 4.3

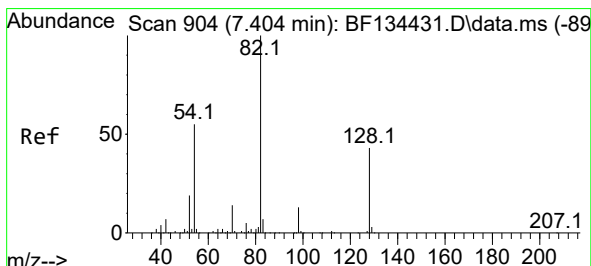
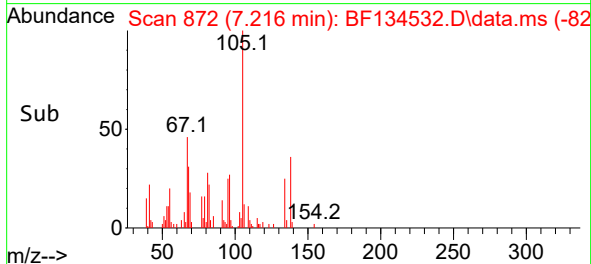
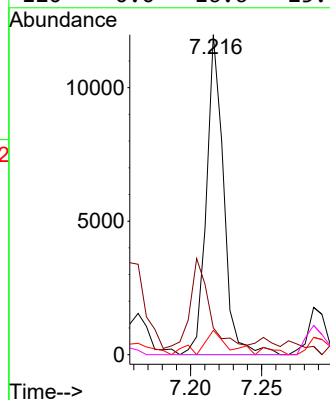
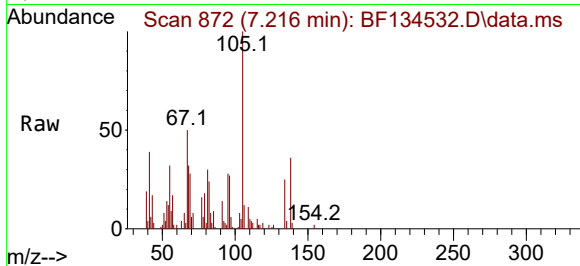




#22
Acetophenone
Concen: 2.133 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

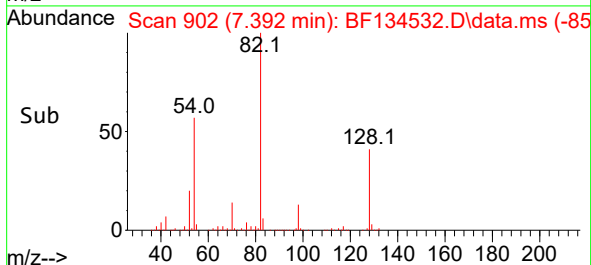
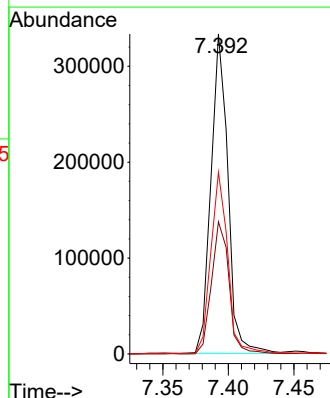
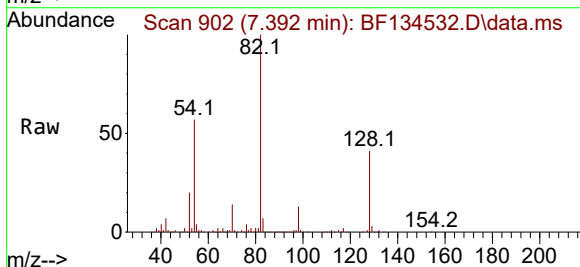
Instrument :
BNA_F
ClientSampleId :
AU-6-072423

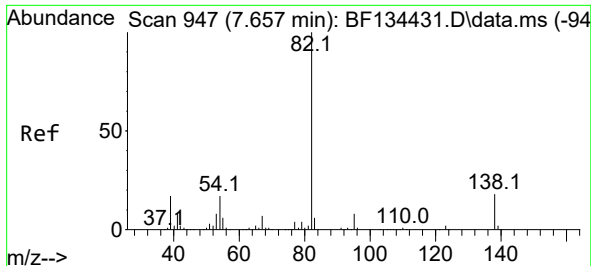
Tgt Ion:105 Resp: 10121
Ion Ratio Lower Upper
105 100
71 8.4 7.4 11.0
51 7.6 36.4 54.6#
120 0.0 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 79.576 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

Tgt Ion: 82 Resp: 300012
Ion Ratio Lower Upper
82 100
128 41.3 34.3 51.5
54 56.8 43.8 65.6

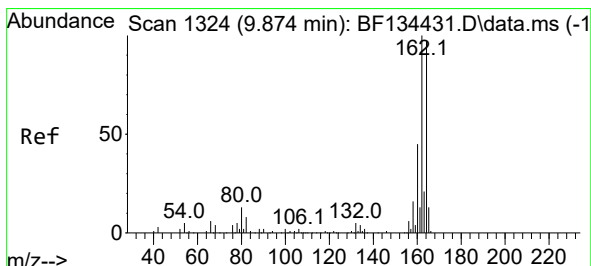
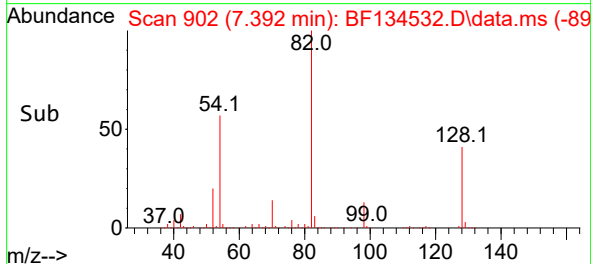
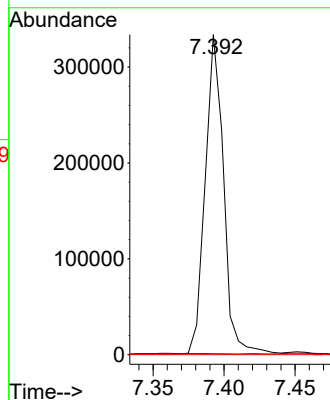
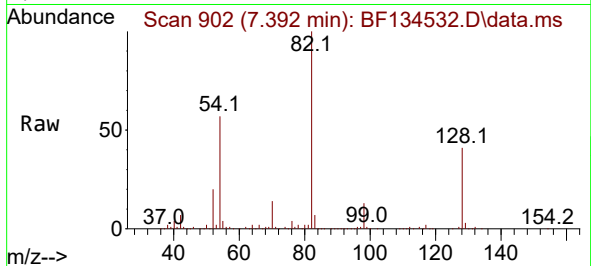




#25
Isophorone
Concen: 47.422 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

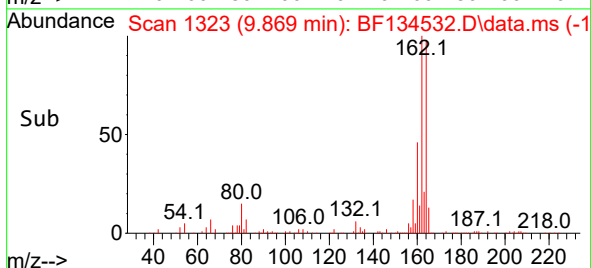
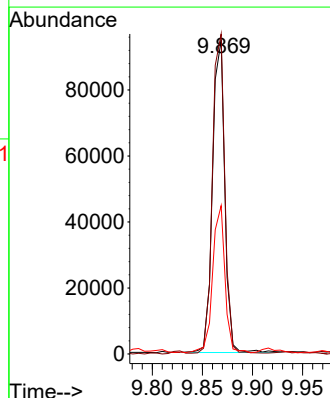
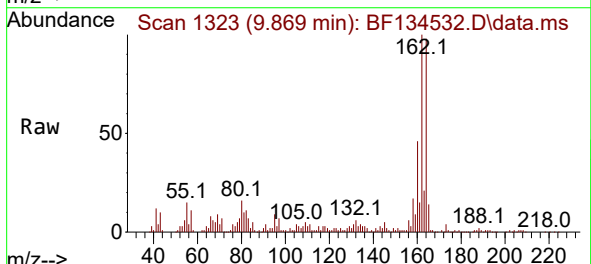
Instrument :
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ClientSampleId :
AU-6-072423

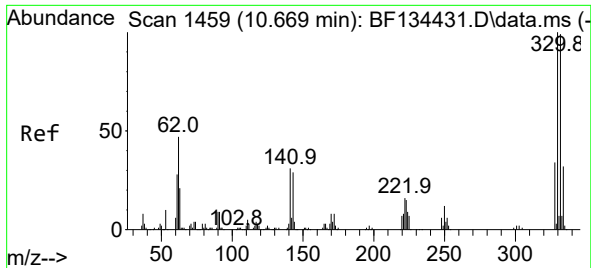
Tgt Ion: 82 Resp: 297969
Ion Ratio Lower Upper
82 100
95 0.3 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

Tgt Ion:164 Resp: 81040
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 47.2 37.2 55.8

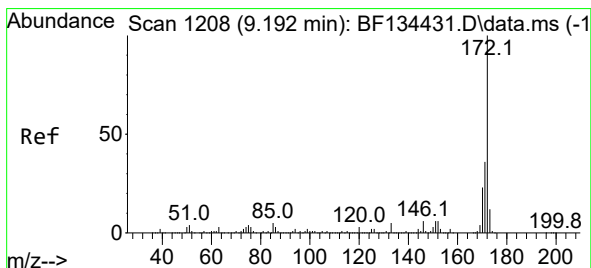
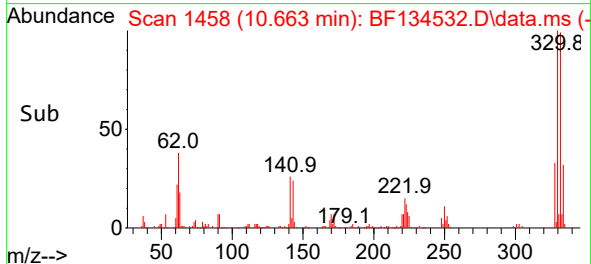
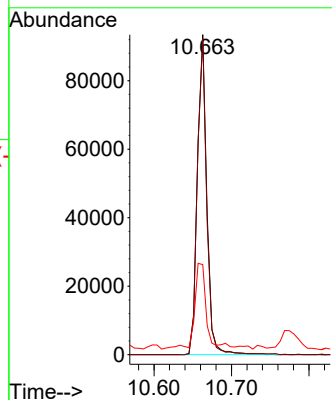
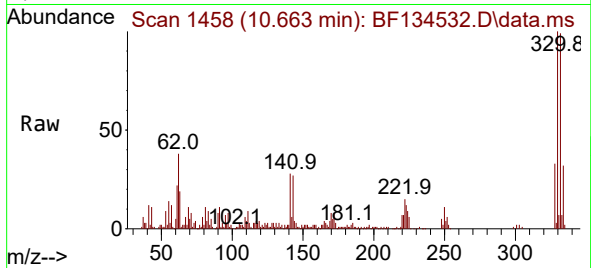




#42
2,4,6-Tribromophenol
Concen: 68.663 ng
RT: 10.663 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

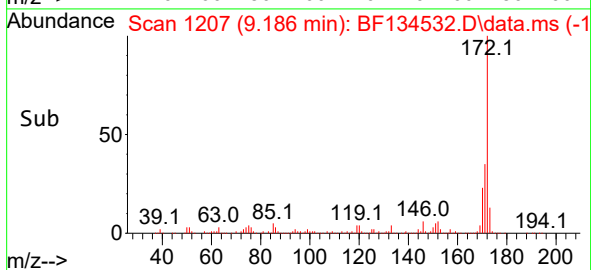
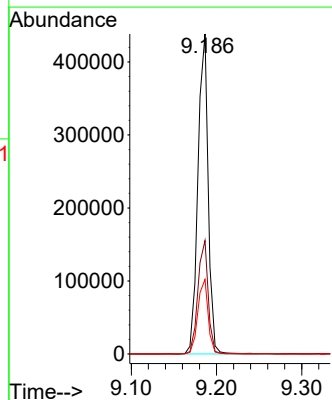
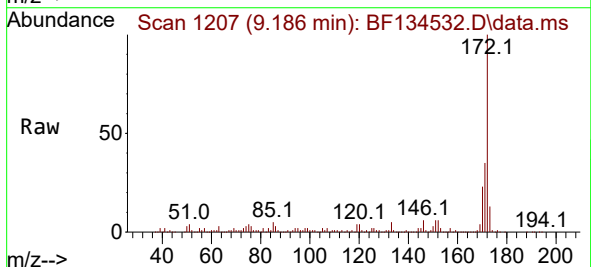
Instrument :
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ClientSampleId :
AU-6-072423

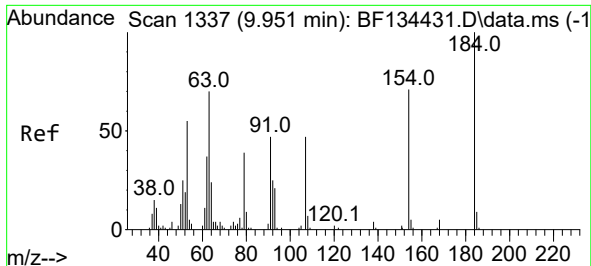
Tgt Ion: 330 Resp: 79061
Ion Ratio Lower Upper
330 100
332 98.2 78.8 118.2
141 31.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 59.538 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

Tgt Ion: 172 Resp: 367536
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.3 18.7 28.1

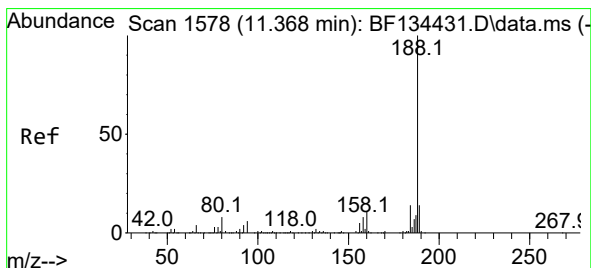
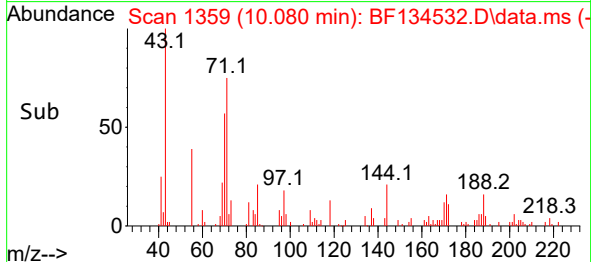
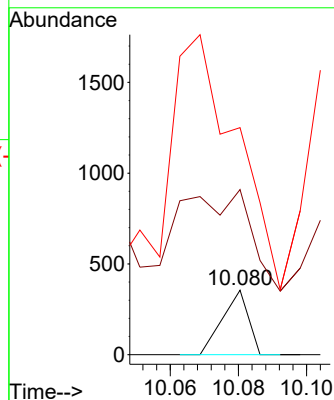
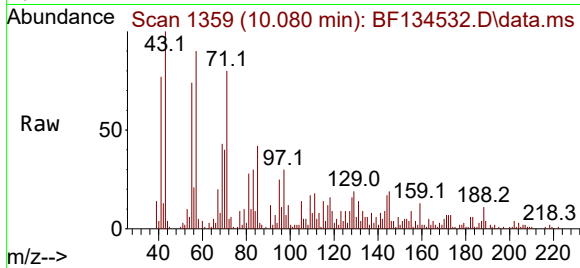




#54
2,4-Dinitrophenol
Concen: 6.819 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

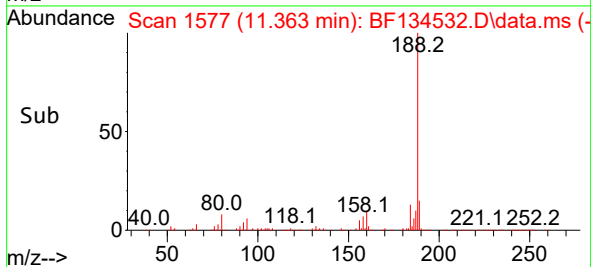
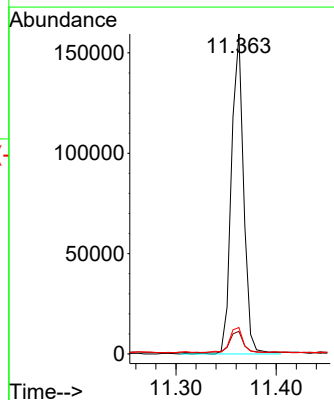
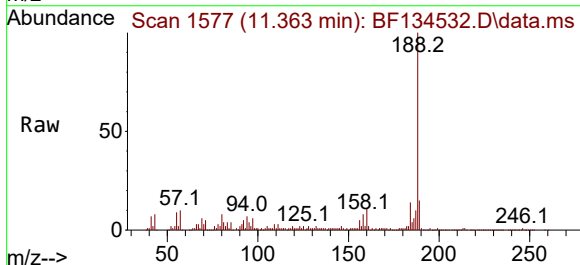
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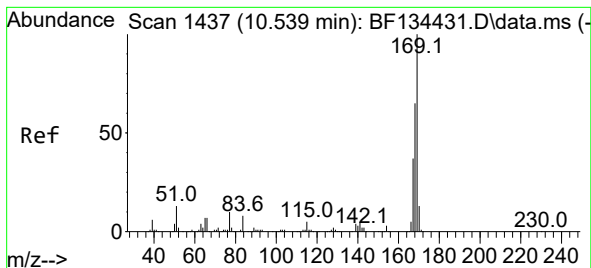
Tgt Ion:184 Resp: 188
Ion Ratio Lower Upper
184 100
63 256.3 57.1 85.7#
154 352.4 59.1 88.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

Tgt Ion:188 Resp: 135082
Ion Ratio Lower Upper
188 100
94 7.1 5.1 7.7
80 8.3 6.6 9.8

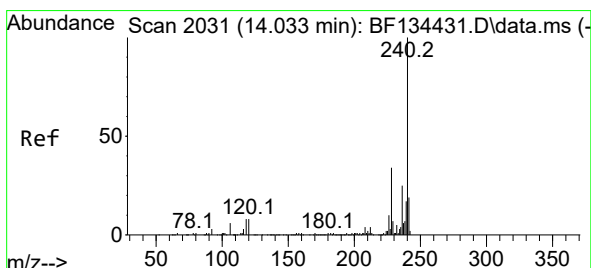
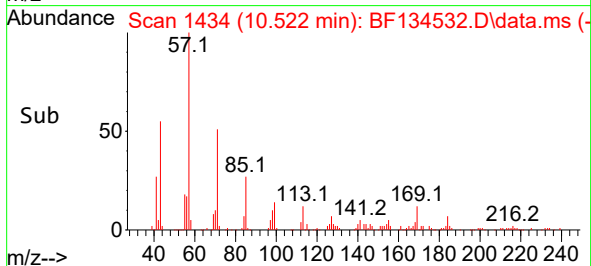
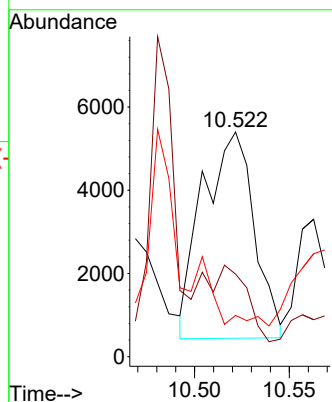
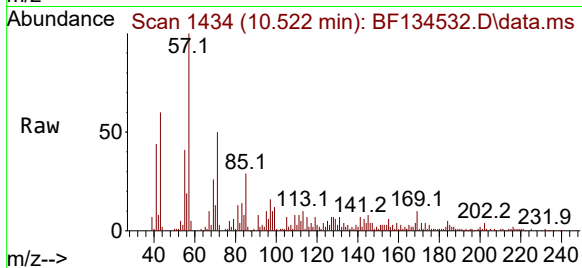




#66
n-Nitrosodiphenylamine
Concen: 2.183 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

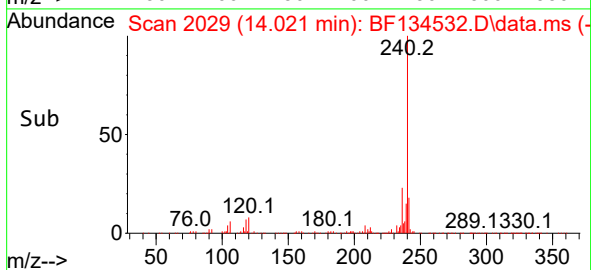
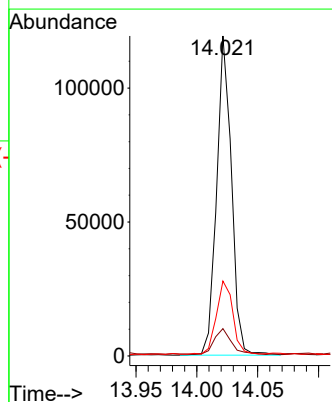
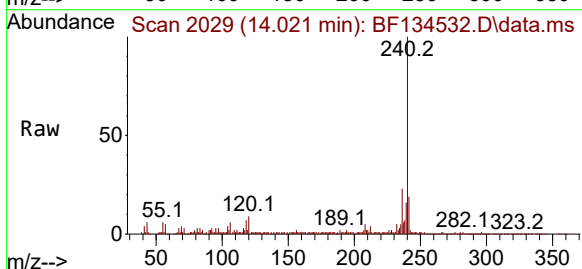
Instrument :
BNA_F
ClientSampleId :
AU-6-072423

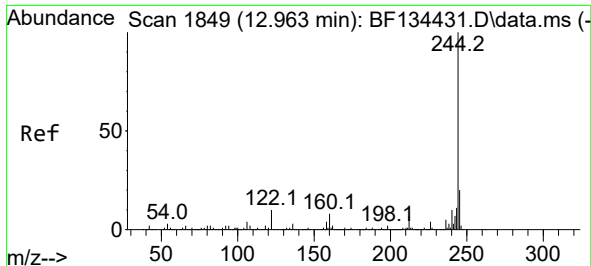
Tgt Ion:169 Resp: 9380
Ion Ratio Lower Upper
169 100
168 36.8 52.6 78.8#
167 18.4 29.8 44.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134532.D
Acq: 29 Jul 2023 00:42

Tgt Ion:240 Resp: 100706
Ion Ratio Lower Upper
240 100
120 8.6 6.6 10.0
236 23.4 20.2 30.2

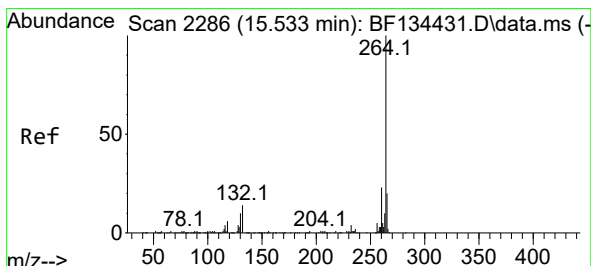
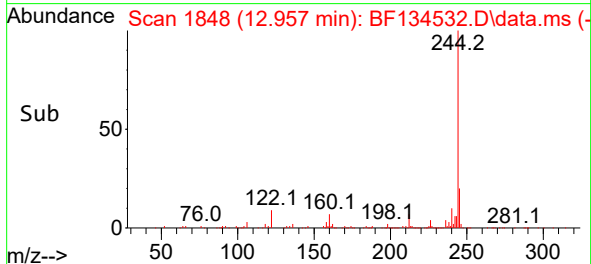
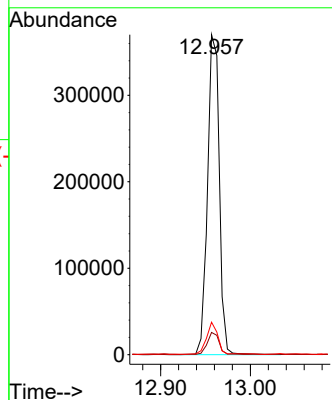
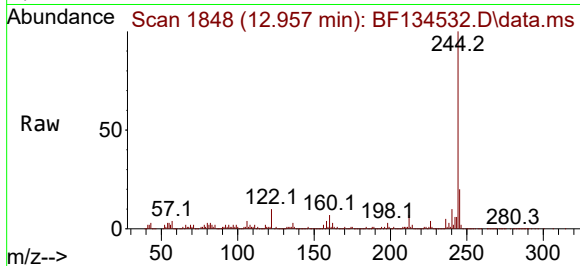




#79
 Terphenyl-d14
 Concen: 58.496 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF134532.D
 Acq: 29 Jul 2023 00:42

Instrument :
 BNA_F
 ClientSampleId :
 AU-6-072423

Tgt Ion:244 Resp: 337457
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF134532.D
 Acq: 29 Jul 2023 00:42

Tgt Ion:264 Resp: 96003
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.4 27.6
 265 21.3 15.8 23.8

