

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131425.D
 Acq On : 28 Nov 2022 12:28
 Operator : CG\JU
 Sample : N5766-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-3

Quant Time: Nov 29 00:21:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

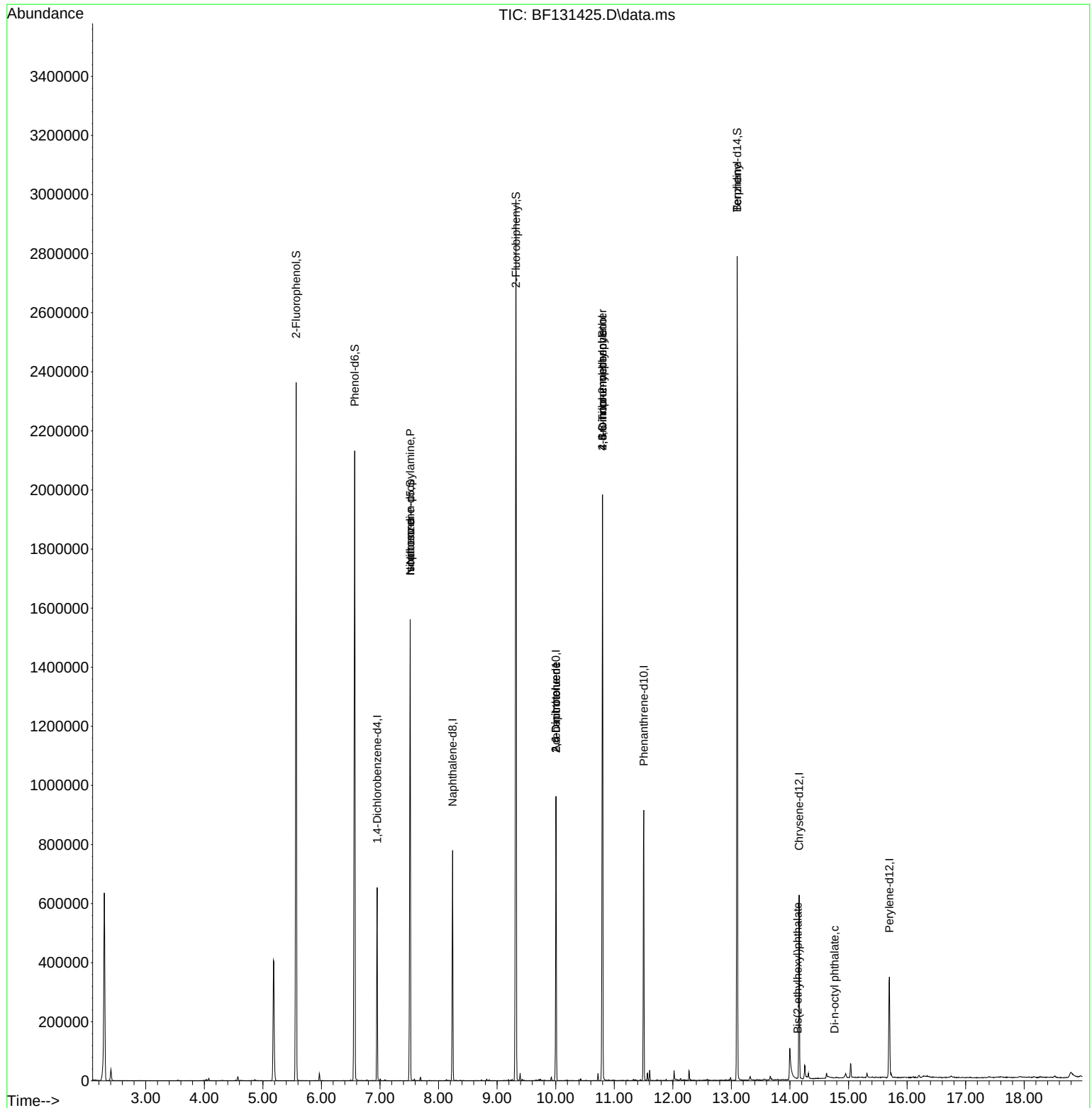
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	86227	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	317050	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	181912	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	333539	20.000	ng	0.00
76) Chrysene-d12	14.157	240	204030	20.000	ng	-0.01
86) Perylene-d12	15.698	264	169462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	581415	128.331	ng	0.01
7) Phenol-d6	6.569	99	725040	125.428	ng	0.00
23) Nitrobenzene-d5	7.516	82	488500	77.668	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	221711	144.868	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	955464	76.412	ng	0.00
79) Terphenyl-d14	13.098	244	1012869	81.180	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.563	77	1423	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	68404	16.165	ng	# 74
25) Isophorone	7.516	82	486782	43.381	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	23049	9.093	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	23049	7.227	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	586	5.033	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	14580	3.567	ng	# 1
77) Benzidine	13.098	184	14090	3.739	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.133	149	576	3.815	ng	# 89
85) Di-n-octyl phthalate	14.763	149	521	3.954	ng	# 1

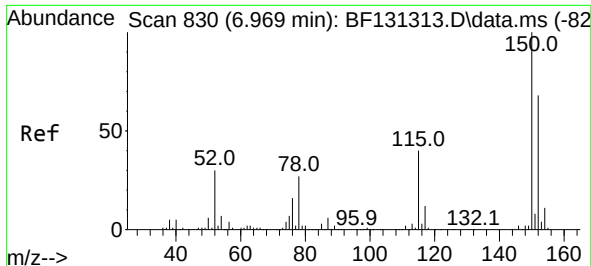
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
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Quant Time: Nov 29 00:21:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

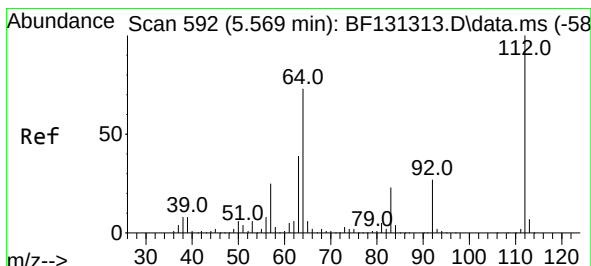
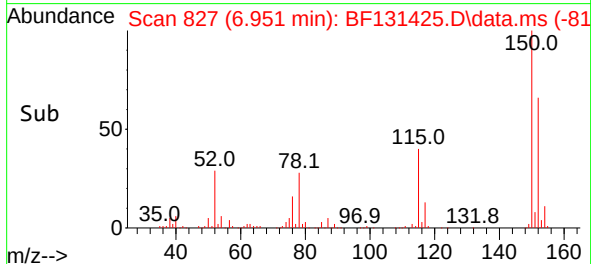
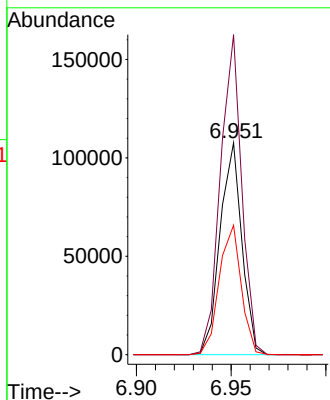
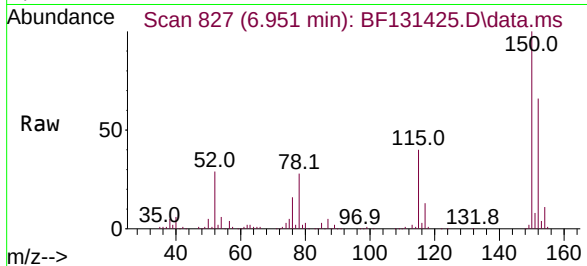




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

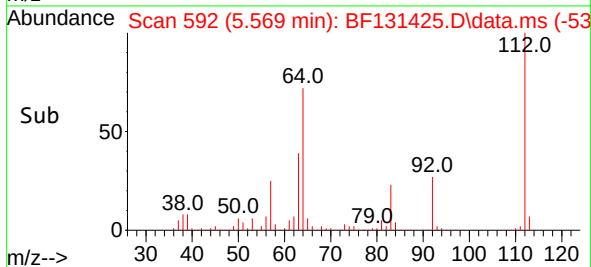
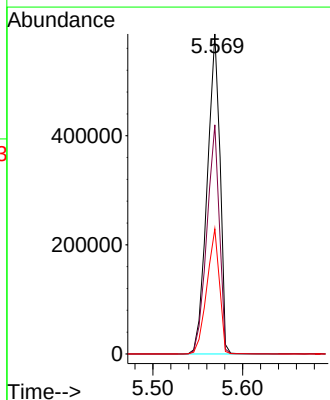
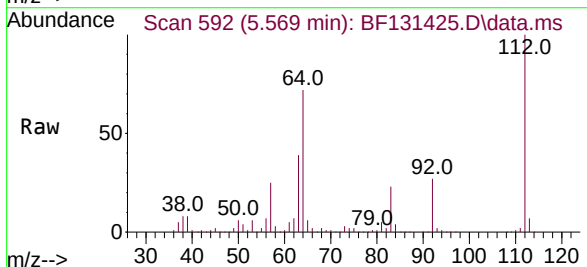
Instrument :
BNA_F
ClientSampleId :
CR-3

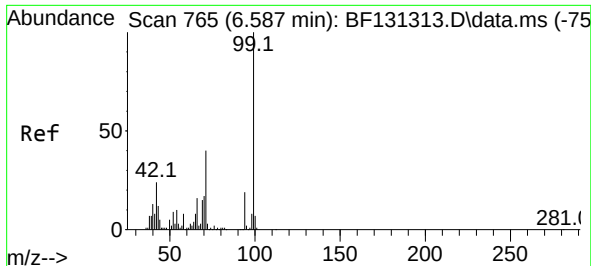
Tgt Ion:152 Resp: 86227
Ion Ratio Lower Upper
152 100
150 151.1 117.8 176.8
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 128.331 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion:112 Resp: 581415
Ion Ratio Lower Upper
112 100
64 71.6 58.6 88.0
63 39.1 31.4 47.0

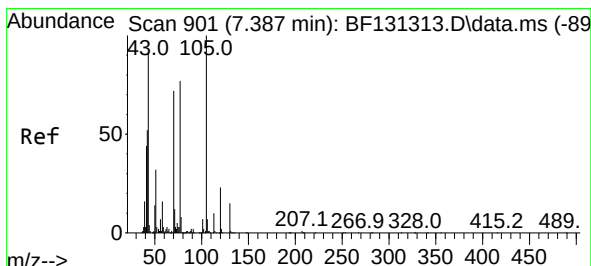
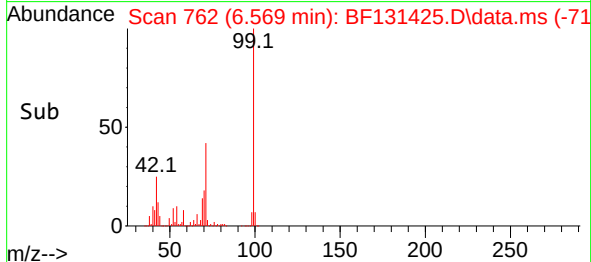
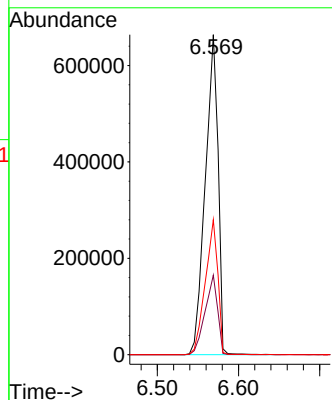
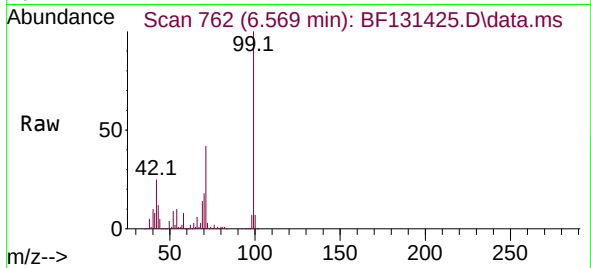




#7
Phenol-d6
Concen: 125.428 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

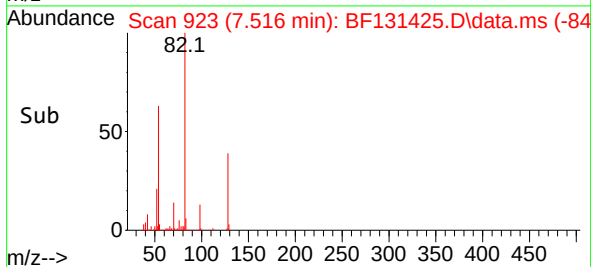
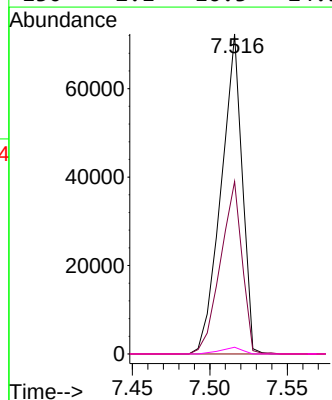
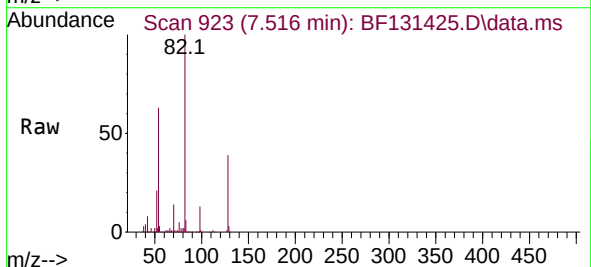
Instrument :
BNA_F
ClientSampleId :
CR-3

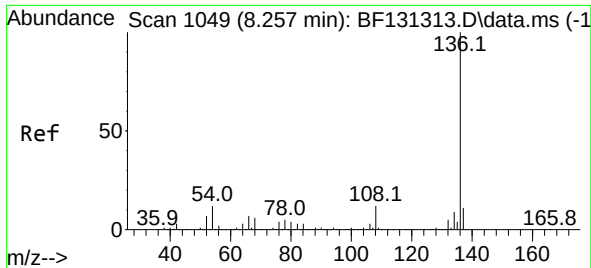
Tgt Ion: 99 Resp: 725040
Ion Ratio Lower Upper
99 100
42 24.9 19.4 29.2
71 42.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.165 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 70 Resp: 68404
Ion Ratio Lower Upper
70 100
42 53.9 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#

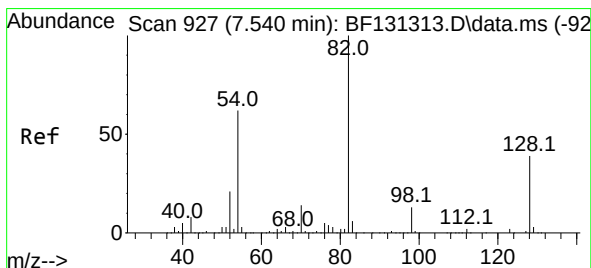
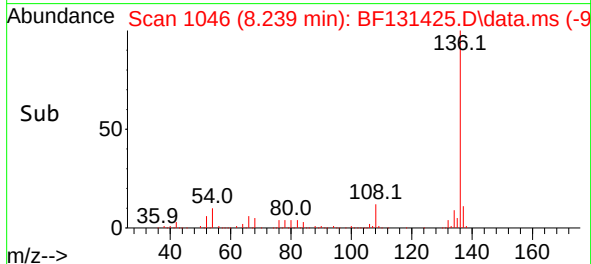
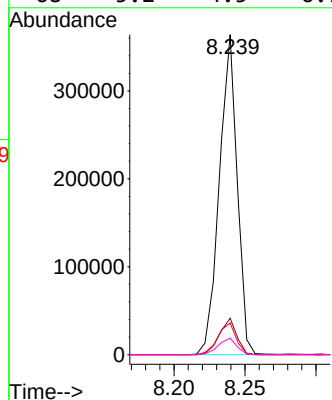
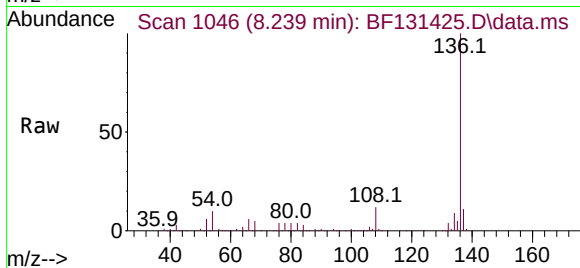




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

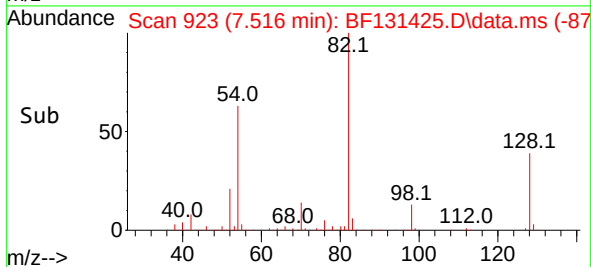
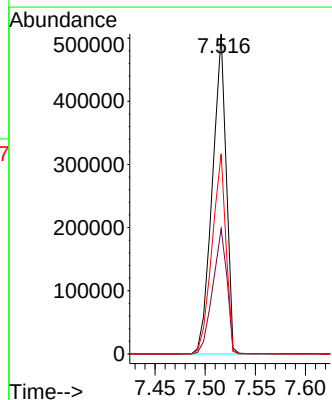
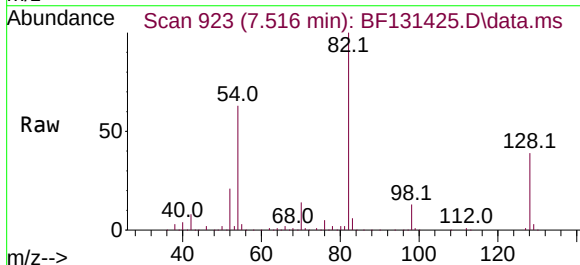
Instrument :
BNA_F
ClientSampleId :
CR-3

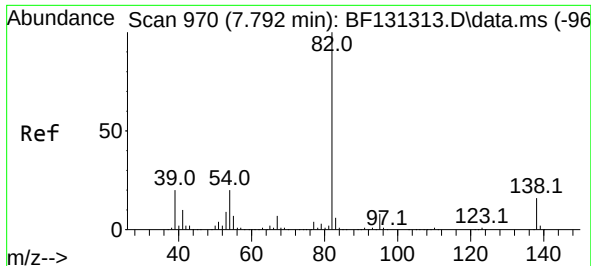
Tgt Ion:136 Resp: 317050
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.0 9.4 14.0
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 77.668 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 82 Resp: 488500
Ion Ratio Lower Upper
82 100
128 39.1 31.4 47.0
54 62.6 49.8 74.6

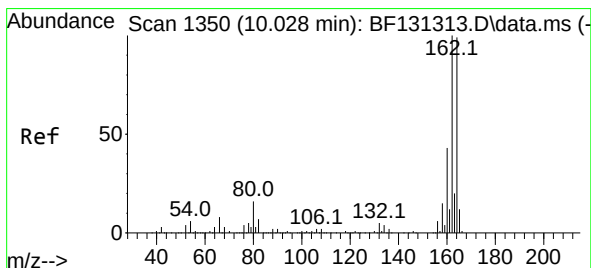
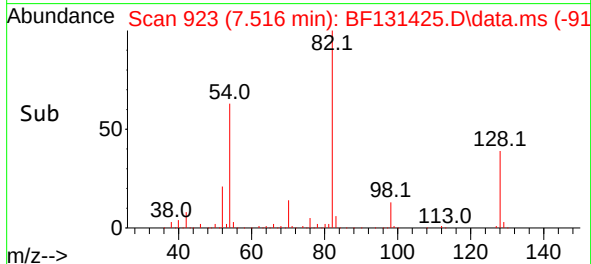
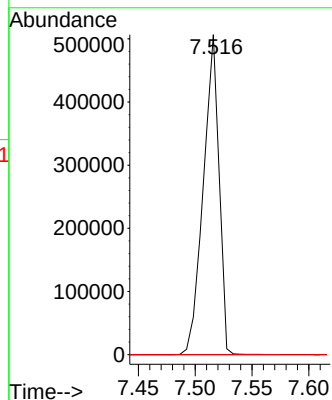
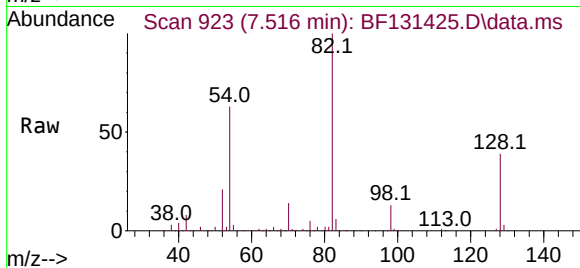




#25
Isophorone
Concen: 43.381 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

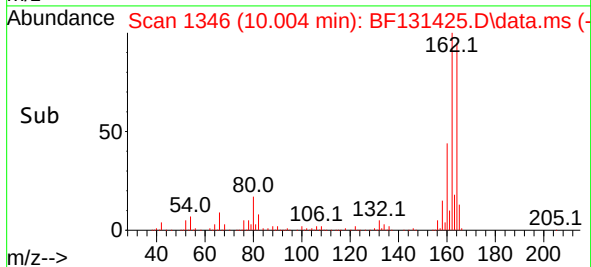
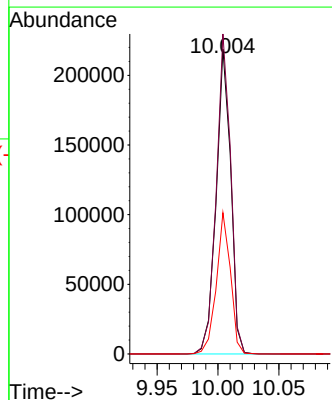
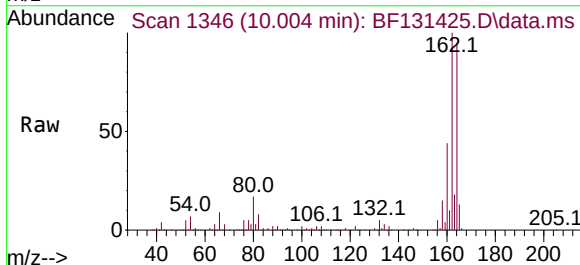
Instrument :
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ClientSampleId :
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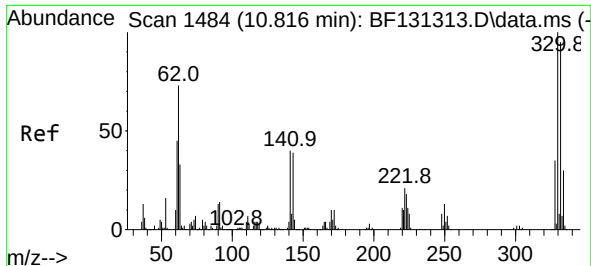
Tgt Ion: 82 Resp: 486782
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 164 Resp: 181912
Ion Ratio Lower Upper
164 100
162 105.0 80.6 120.8
160 46.4 34.4 51.6

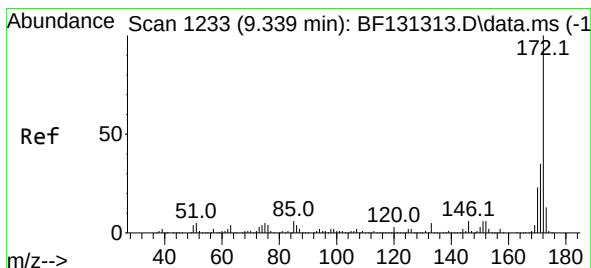
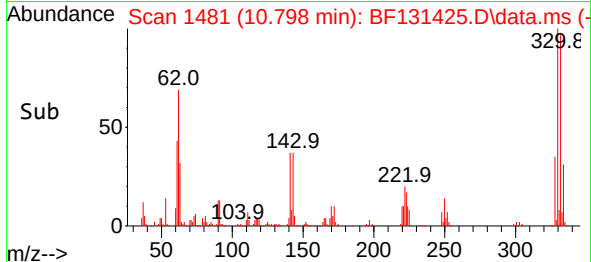
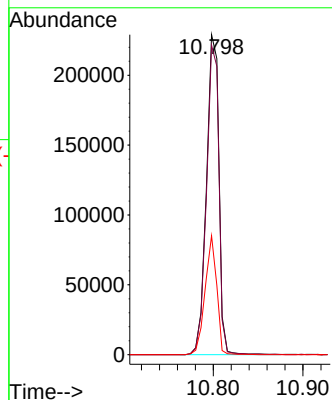
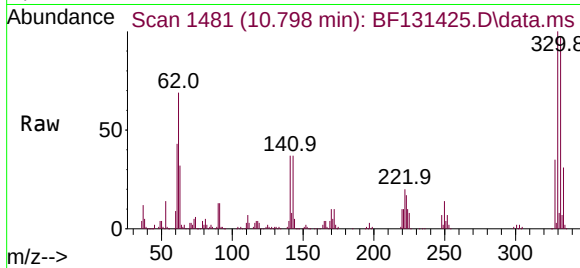




#42
2,4,6-Tribromophenol
Concen: 144.868 ng
RT: 10.798 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

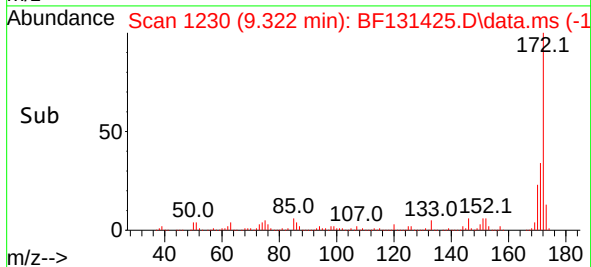
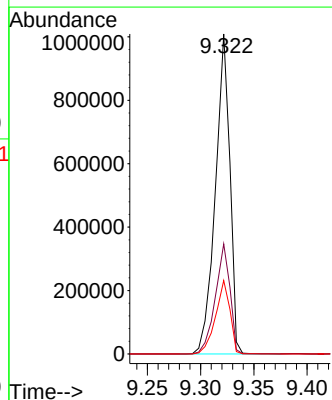
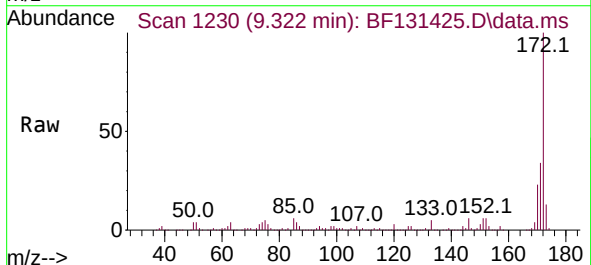
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ClientSampleId :
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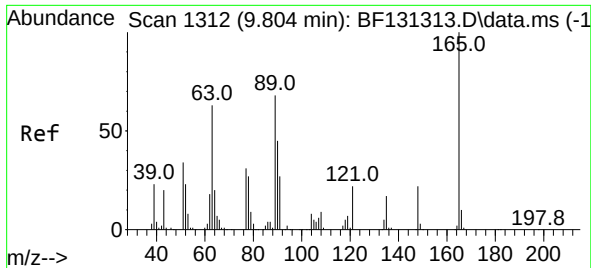
Tgt Ion:330 Resp: 221711
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 34.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 76.412 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion:172 Resp: 955464
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.0 18.7 28.1

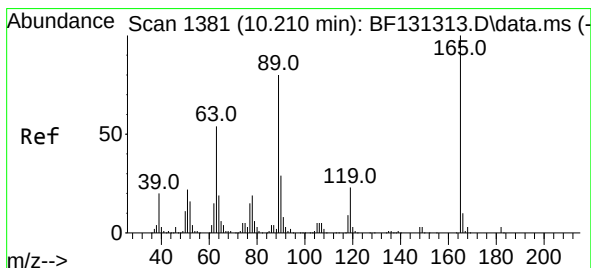
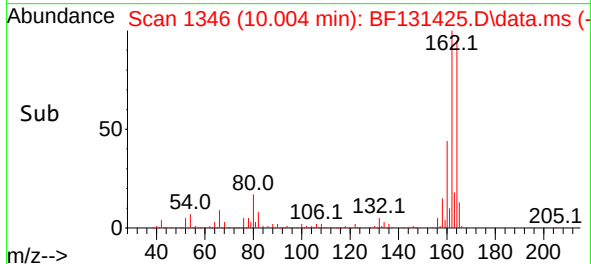
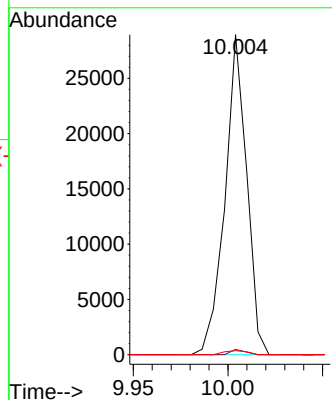
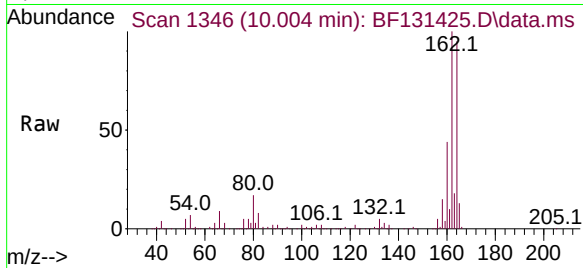




#51
2,6-Dinitrotoluene
Concen: 9.093 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

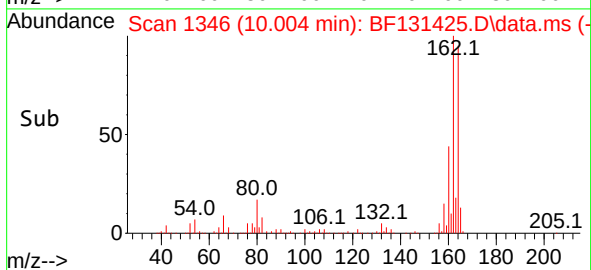
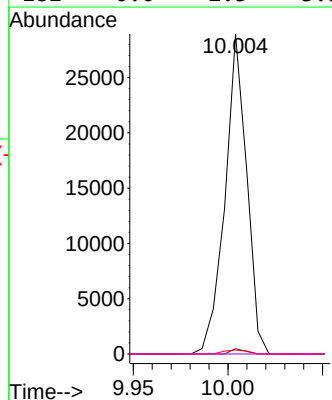
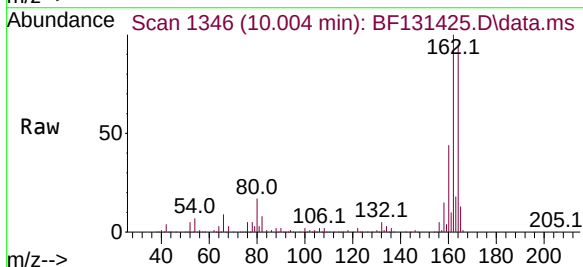
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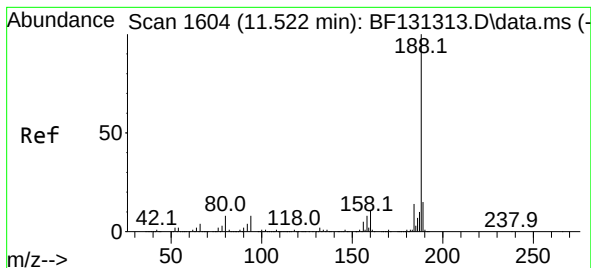
Tgt Ion:165 Resp: 23049
Ion Ratio Lower Upper
165 100
63 1.6 62.0 93.0#
89 1.3 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.227 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.194 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion:165 Resp: 23049
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131425.D

Acq: 28 Nov 2022 12:28

Instrument :

BNA_F

ClientSampleId :

CR-3

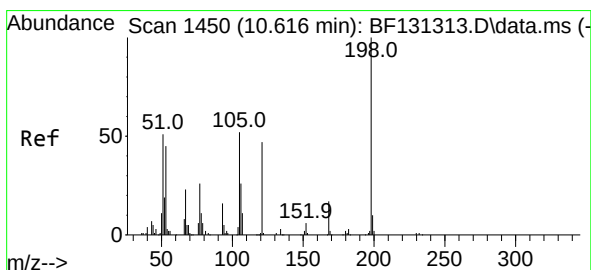
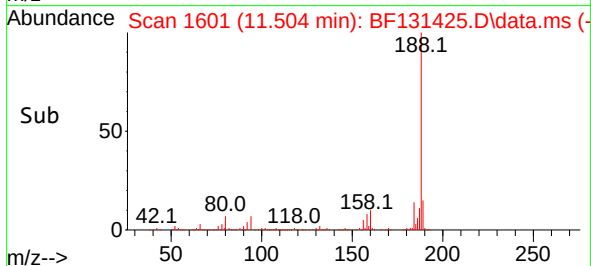
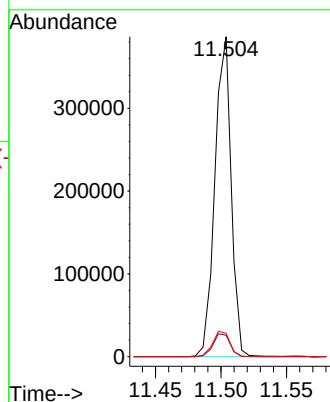
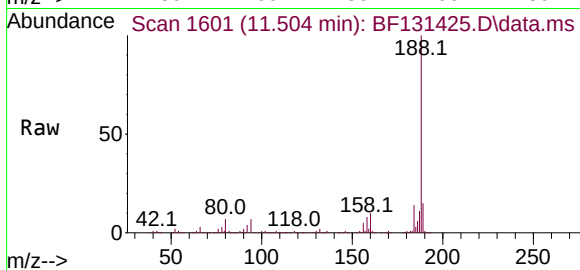
Tgt Ion:188 Resp: 333539

Ion Ratio Lower Upper

188 100

94 6.7 6.3 9.5

80 7.3 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.033 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.194 min

Lab File: BF131425.D

Acq: 28 Nov 2022 12:28

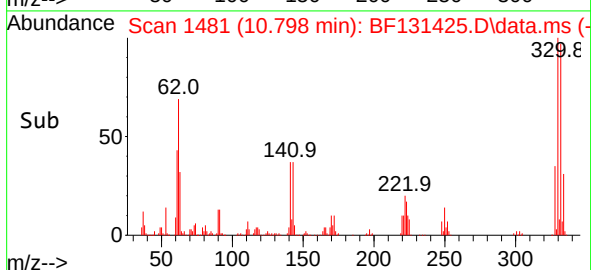
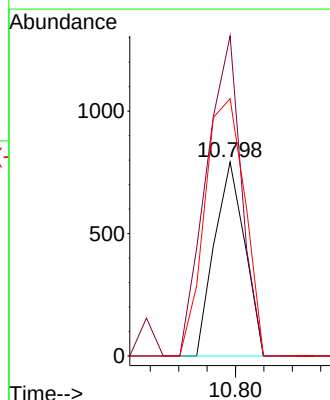
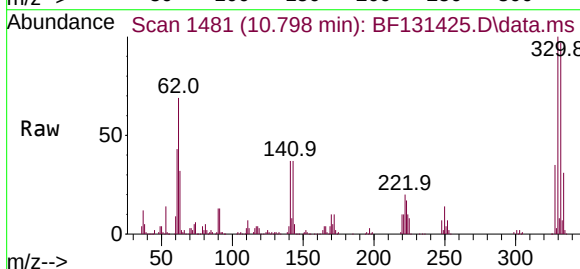
Tgt Ion:198 Resp: 586

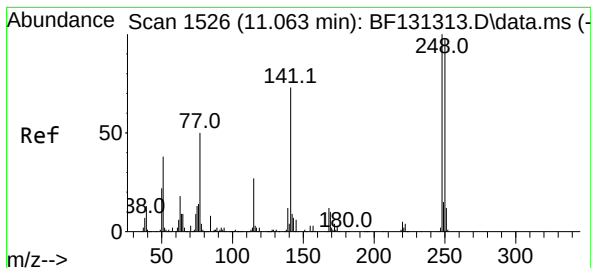
Ion Ratio Lower Upper

198 100

51 165.0 50.1 90.1#

105 132.7 32.5 72.5#

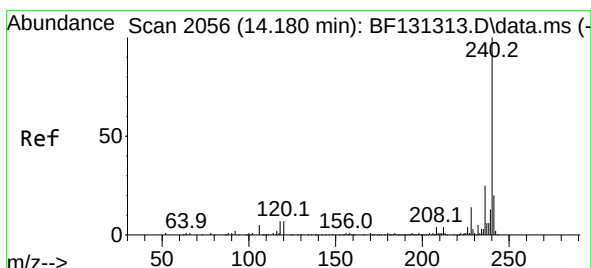
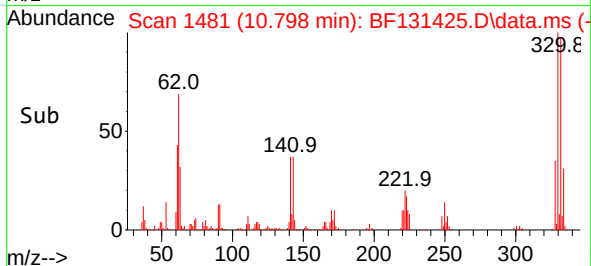
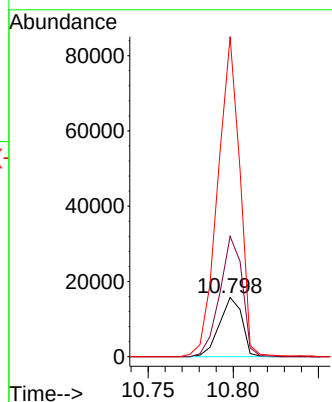
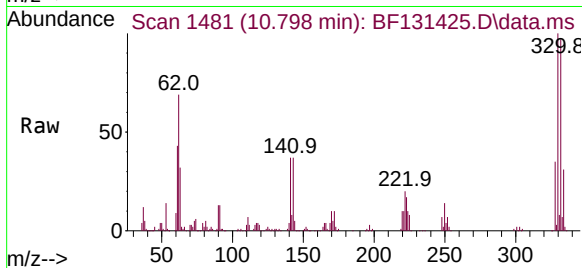




#67
4-Bromophenyl-phenylether
Concen: 3.567 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

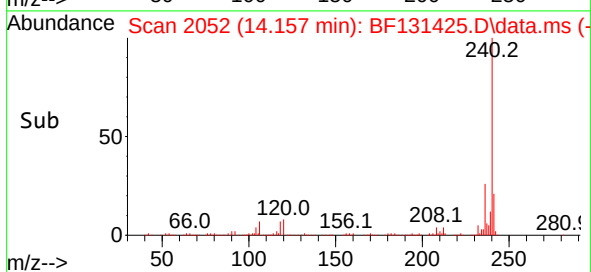
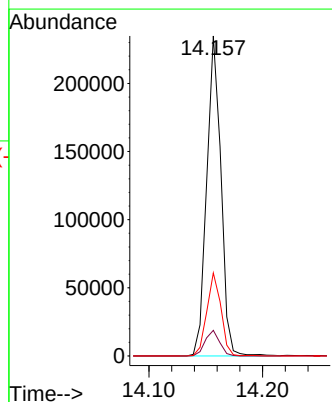
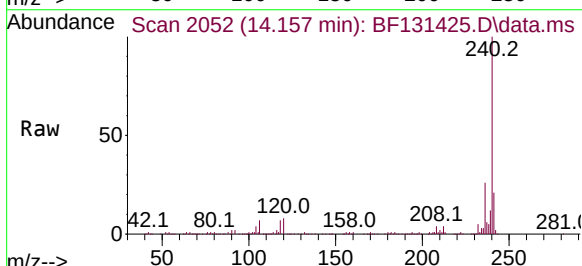
Instrument :
BNA_F
ClientSampleId :
CR-3

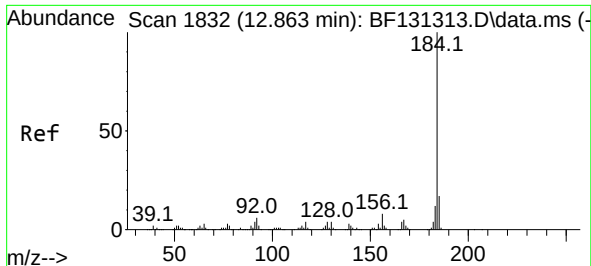
Tgt Ion:248 Resp: 14580
Ion Ratio Lower Upper
248 100
250 203.3 78.3 117.5#
141 540.2 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion:240 Resp: 204030
Ion Ratio Lower Upper
240 100
120 8.0 5.8 8.8
236 26.0 20.3 30.5

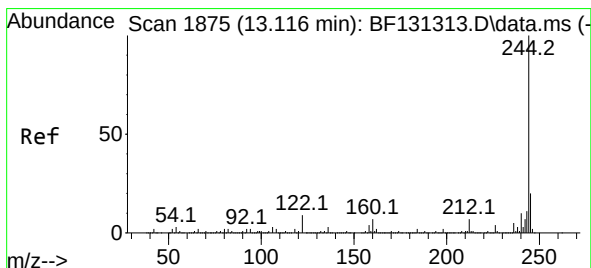
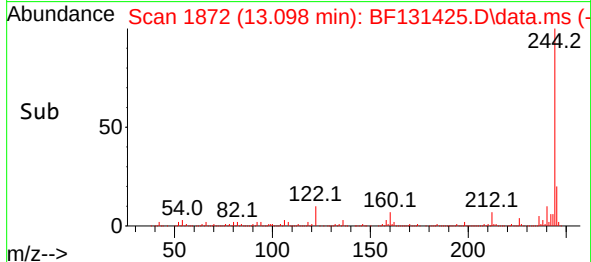
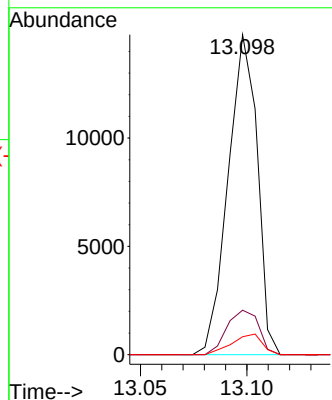
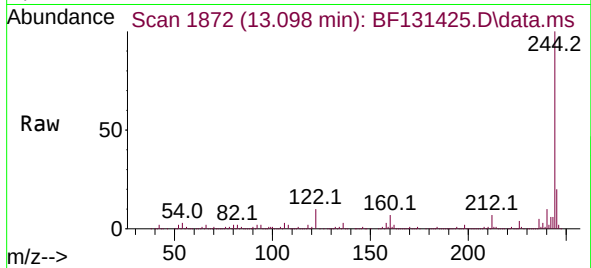




#77
Benzidine
Concen: 3.739 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.247 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

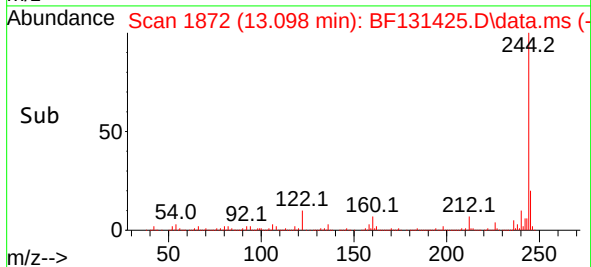
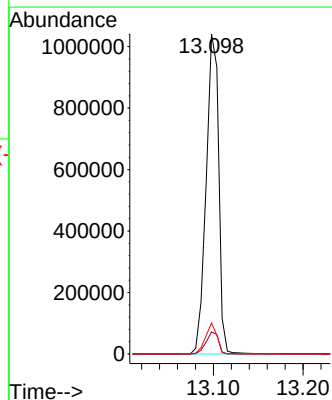
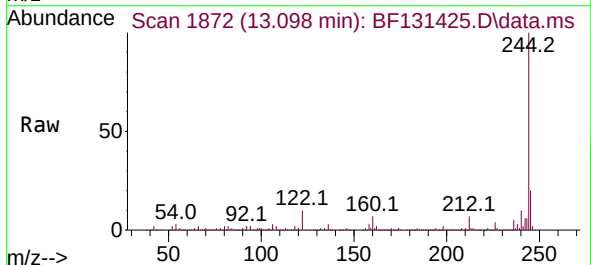
Instrument :
BNA_F
ClientSampleId :
CR-3

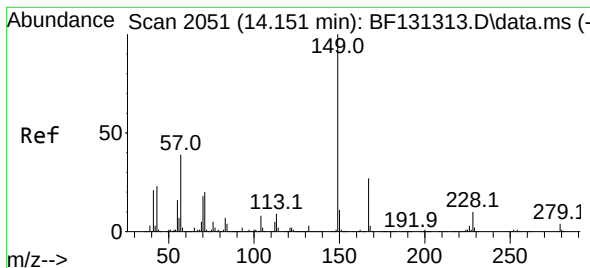
Tgt Ion:184 Resp: 14090
Ion Ratio Lower Upper
184 100
185 13.9 13.8 20.8
183 5.6 9.6 14.4#



#79
Terphenyl-d14
Concen: 81.180 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion:244 Resp: 1012869
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.7 7.5 11.3

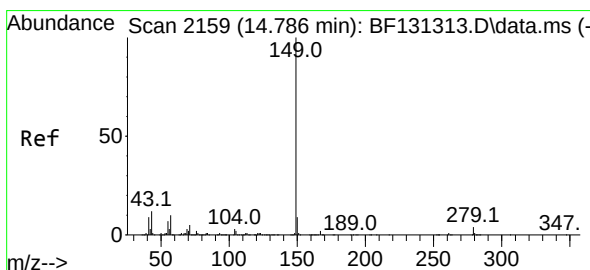
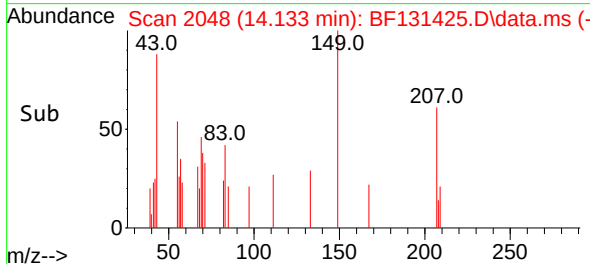
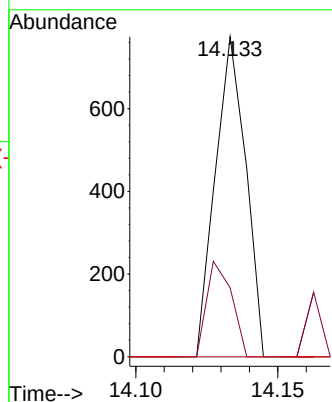
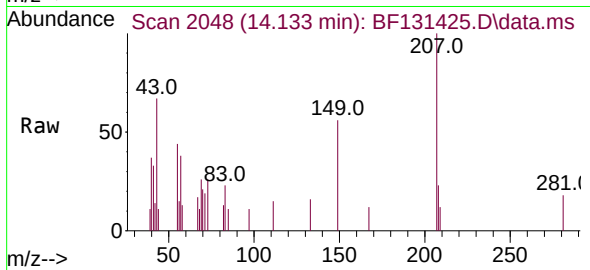




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.815 ng
 RT: 14.133 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BF131425.D
 Acq: 28 Nov 2022 12:28

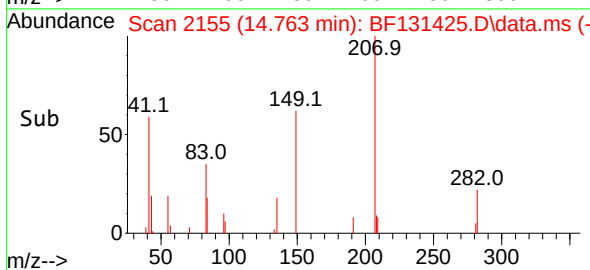
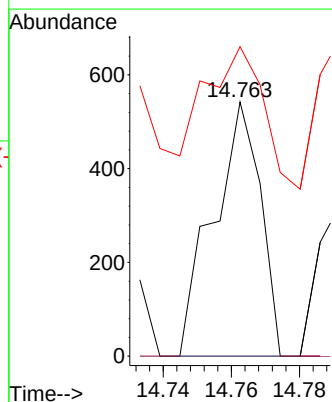
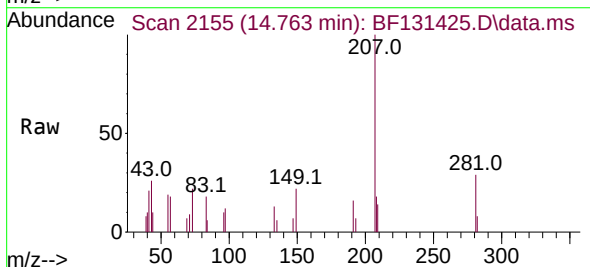
Instrument :
 BNA_F
 ClientSampleId :
 CR-3

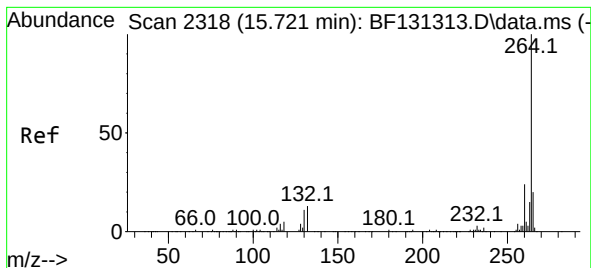
Tgt Ion:149 Resp: 576
 Ion Ratio Lower Upper
 149 100
 167 21.6 21.9 32.9#
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.954 ng
 RT: 14.763 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: BF131425.D
 Acq: 28 Nov 2022 12:28

Tgt Ion:149 Resp: 521
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 68.5 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131425.D

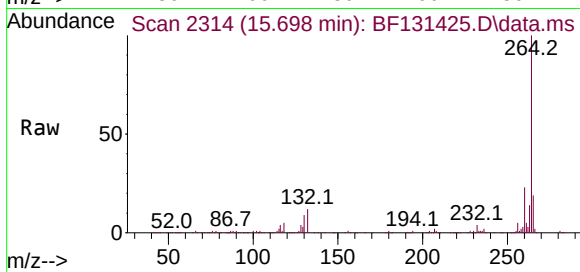
Acq: 28 Nov 2022 12:28

Instrument :

BNA_F

ClientSampleId :

CR-3



Tgt Ion:264 Resp: 169462

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 19.3 16.4 24.6

