

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131426.D
 Acq On : 28 Nov 2022 13:01
 Operator : CG\JU
 Sample : N5766-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-4

Quant Time: Nov 29 00:21:31 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)

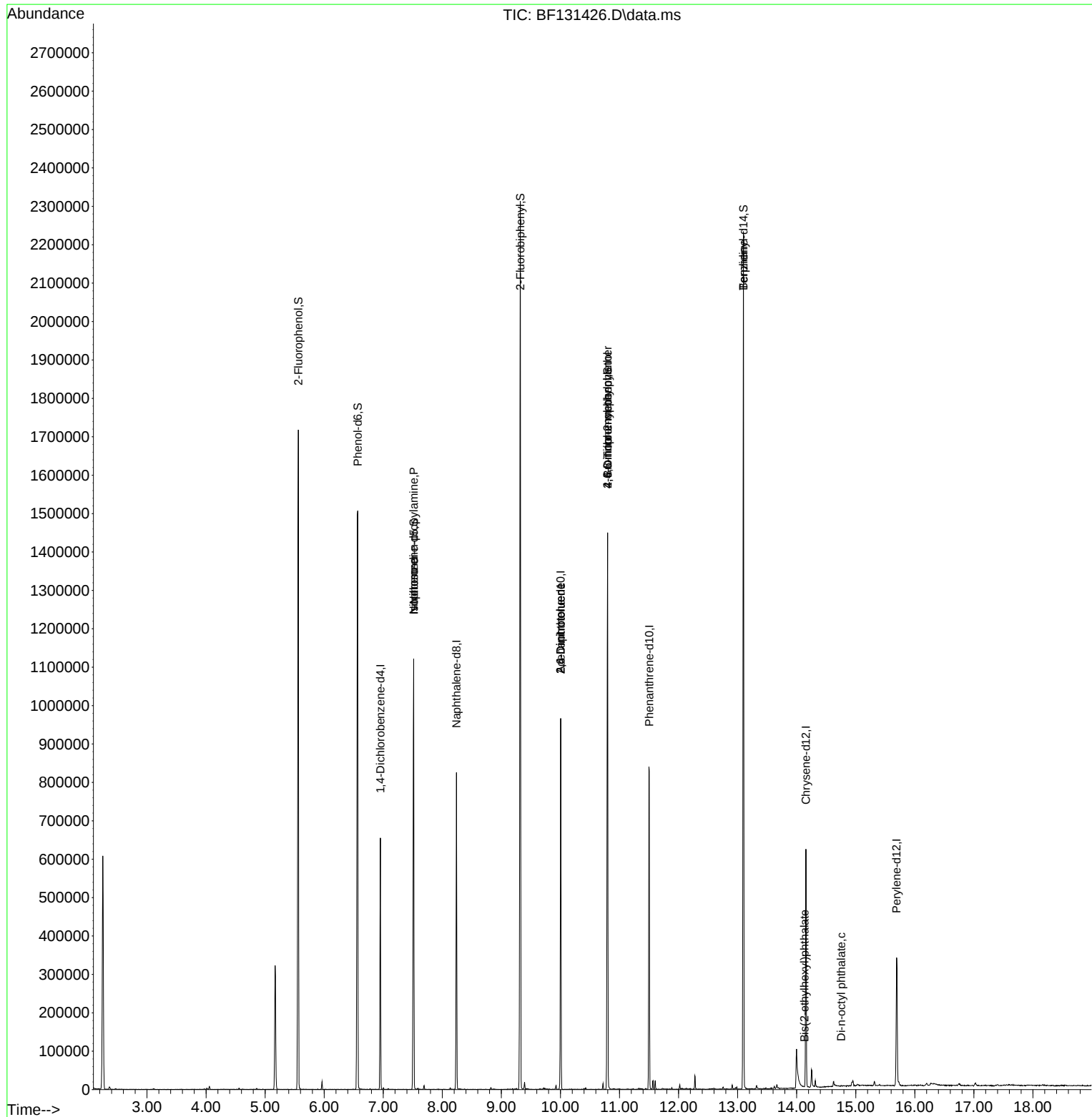
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	85070	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	303801	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	174873	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	322635	20.000	ng	0.00
76) Chrysene-d12	14.157	240	203732	20.000	ng	-0.01
86) Perylene-d12	15.692	264	167998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	403660	90.308	ng	0.00
7) Phenol-d6	6.569	99	509780	89.389	ng	0.00
23) Nitrobenzene-d5	7.516	82	338299	56.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	155657	105.801	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	674071	56.078	ng	0.00
79) Terphenyl-d14	13.098	244	760540	61.045	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.563	77	964	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	47137	11.291	ng	# 75
25) Isophorone	7.516	82	338293	31.462	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	22746	9.335	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	22746	7.419	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	290	4.808	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	10071	2.547	ng	# 1
77) Benzidine	13.098	184	10577	2.811	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.133	149	563	3.814	ng	# 82
85) Di-n-octyl phthalate	14.757	149	270	3.928	ng	# 1

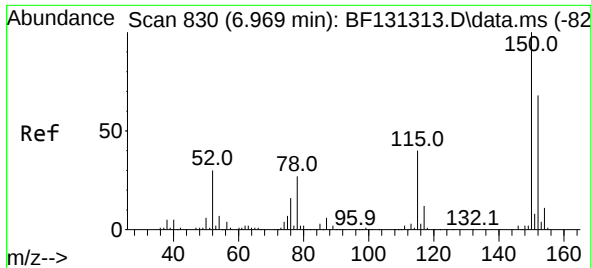
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
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Quant Time: Nov 29 00:21:31 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

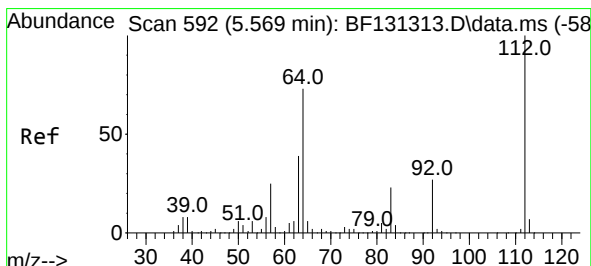
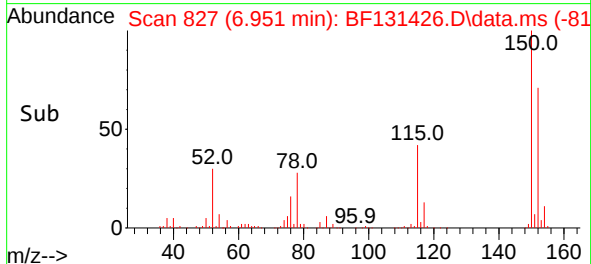
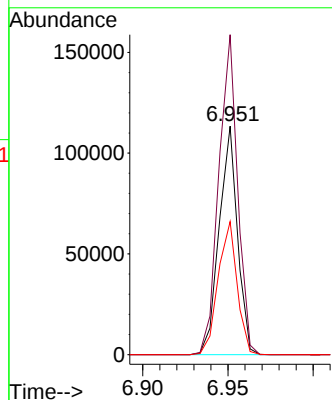
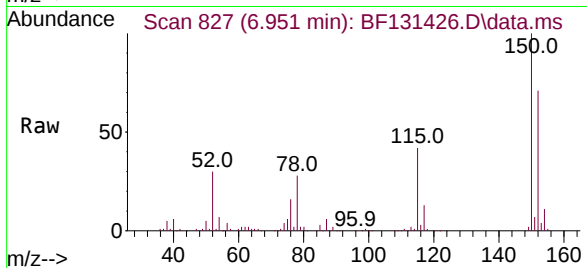




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131426.D
 Acq: 28 Nov 2022 13:01

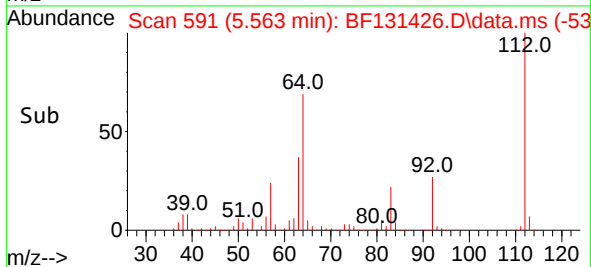
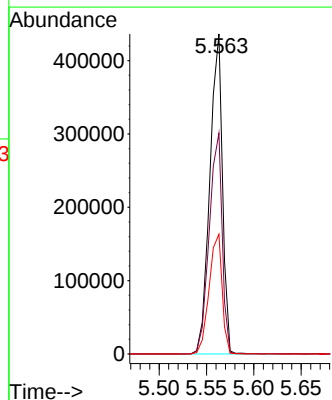
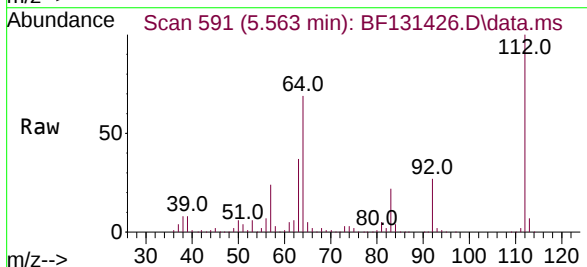
Instrument :
 BNA_F
 ClientSampleId :
 CR-4

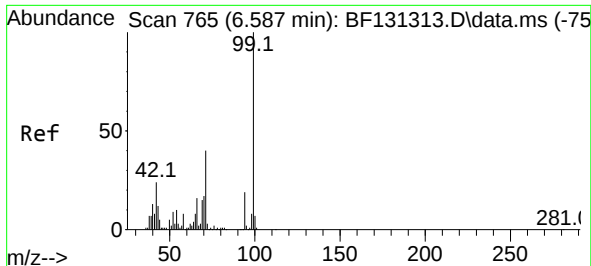
Tgt Ion:152 Resp: 85070
 Ion Ratio Lower Upper
 152 100
 150 140.0 117.8 176.8
 115 58.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 90.308 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF131426.D
 Acq: 28 Nov 2022 13:01

Tgt Ion:112 Resp: 403660
 Ion Ratio Lower Upper
 112 100
 64 69.0 58.6 88.0
 63 37.4 31.4 47.0

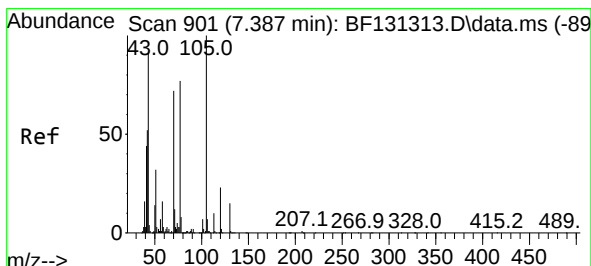
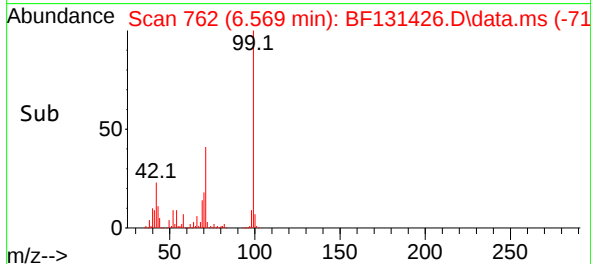
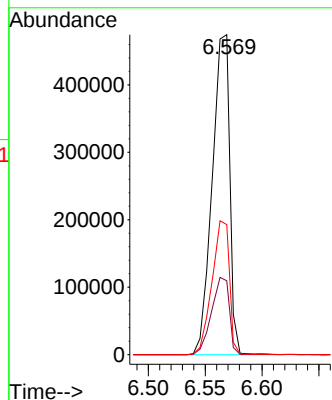
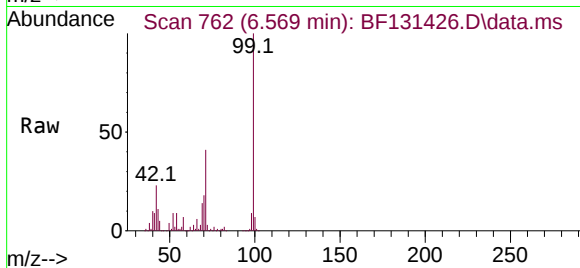




#7
Phenol-d6
Concen: 89.389 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

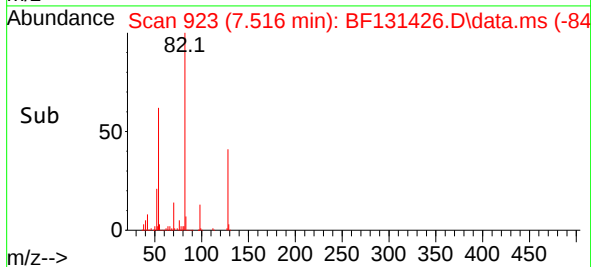
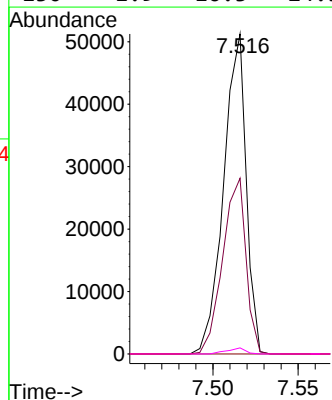
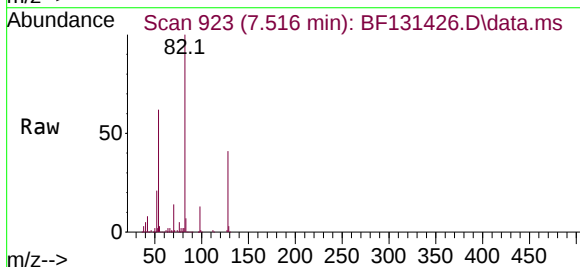
Instrument :
BNA_F
ClientSampleId :
CR-4

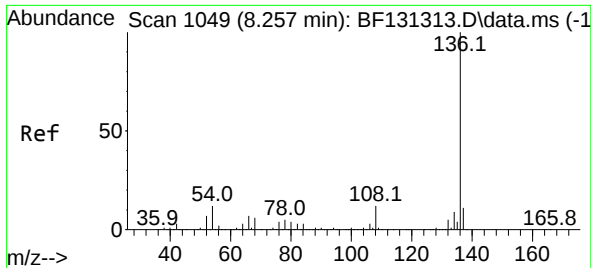
Tgt Ion: 99 Resp: 509780
Ion Ratio Lower Upper
99 100
42 23.1 19.4 29.2
71 40.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.291 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion: 70 Resp: 47137
Ion Ratio Lower Upper
70 100
42 54.9 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#



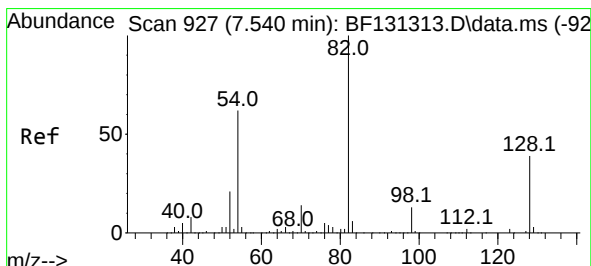
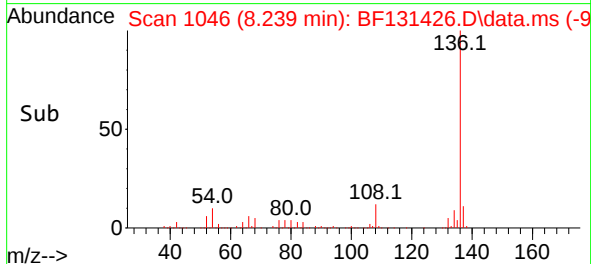
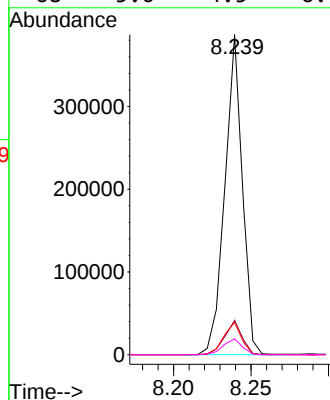
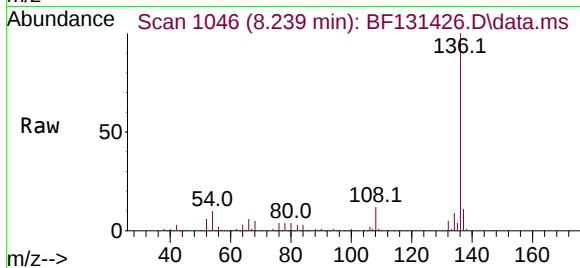


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Instrument :
BNA_F
ClientSampleId :
CR-4

Tgt Ion:136 Resp: 303801

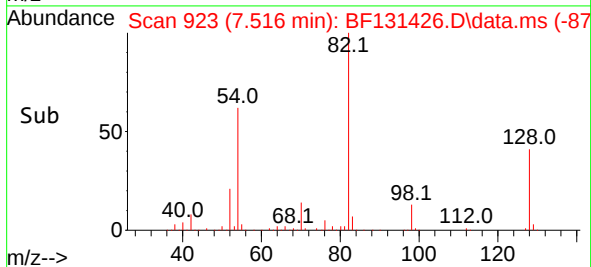
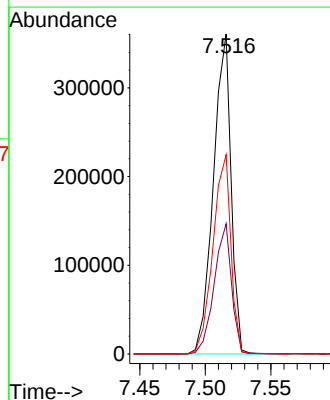
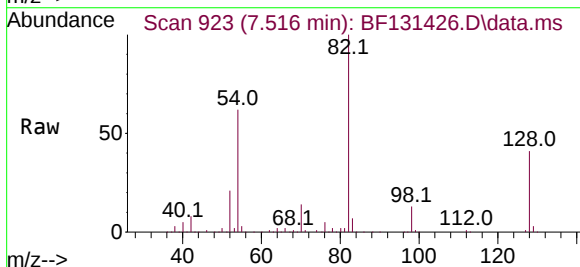
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	10.1	9.4	14.0
68	5.0	4.5	6.7

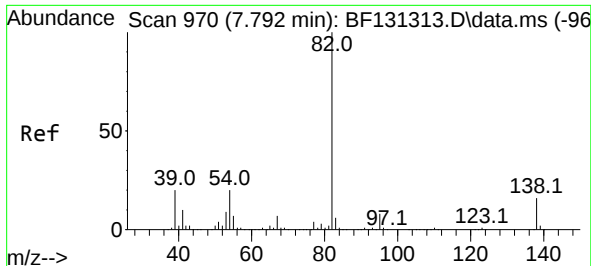


#23
Nitrobenzene-d5
Concen: 56.133 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion: 82 Resp: 338299

Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.4	47.0
54	62.2	49.8	74.6

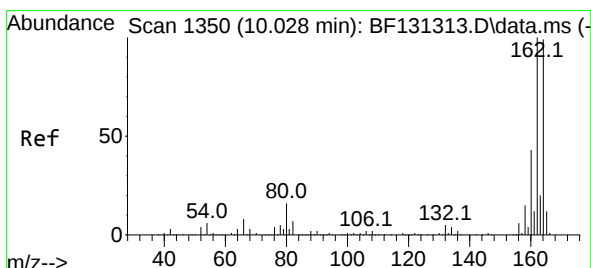
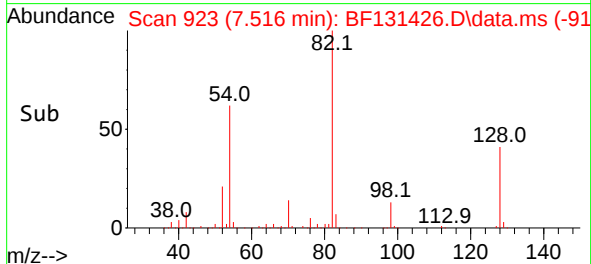
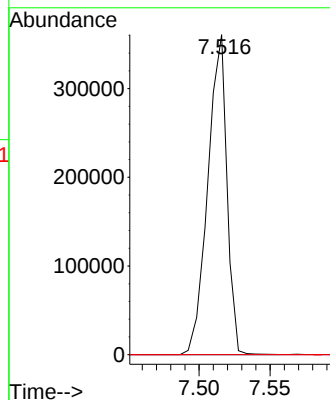
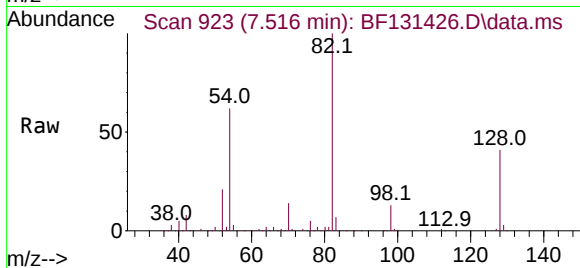




#25
Isophorone
Concen: 31.462 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

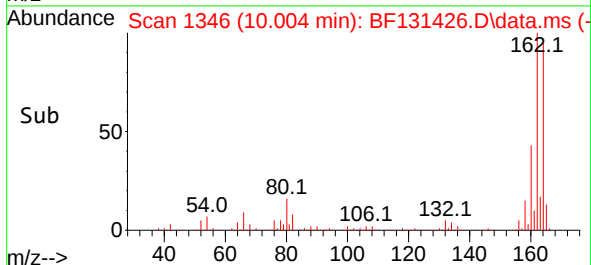
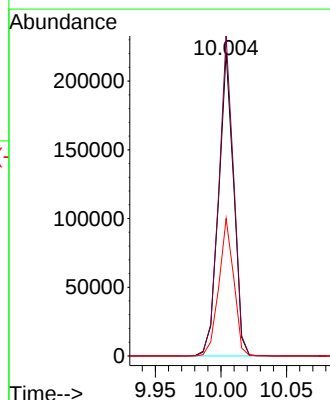
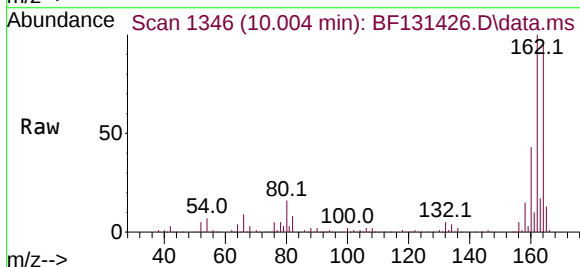
Instrument :
BNA_F
ClientSampleId :
CR-4

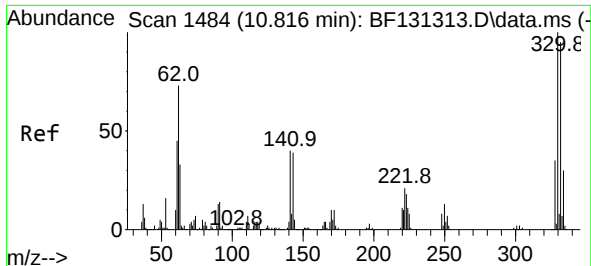
Tgt Ion: 82 Resp: 338293
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion: 164 Resp: 174873
Ion Ratio Lower Upper
164 100
162 105.5 80.6 120.8
160 45.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 105.801 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131426.D

Acq: 28 Nov 2022 13:01

Instrument :

BNA_F

ClientSampleId :

CR-4

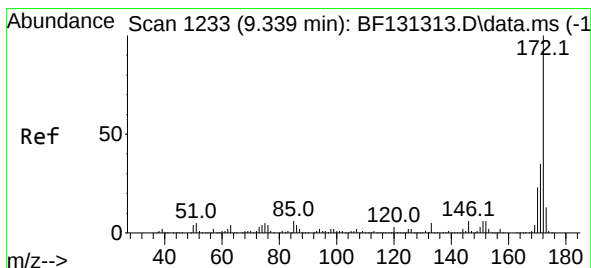
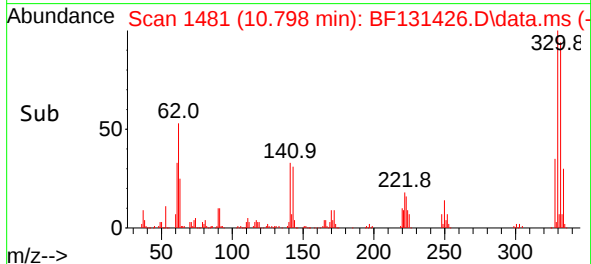
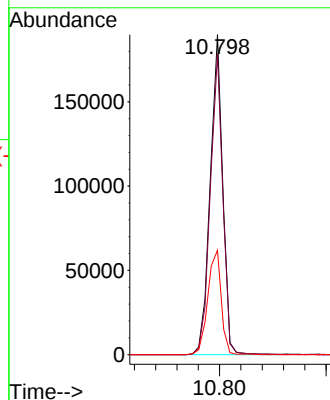
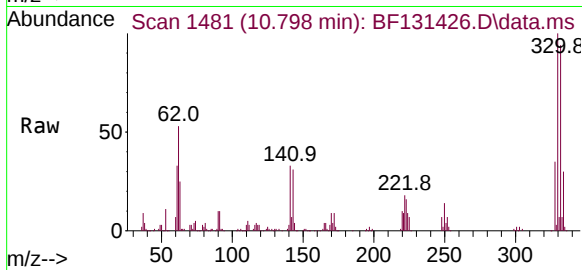
Tgt Ion:330 Resp: 155657

Ion Ratio Lower Upper

330 100

332 94.1 77.5 116.3

141 35.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 56.078 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131426.D

Acq: 28 Nov 2022 13:01

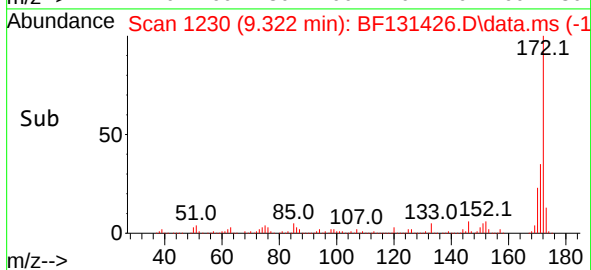
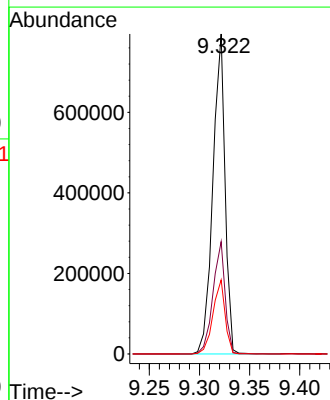
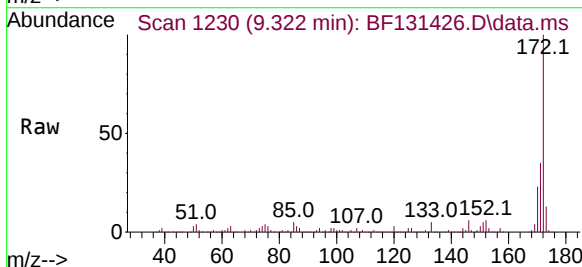
Tgt Ion:172 Resp: 674071

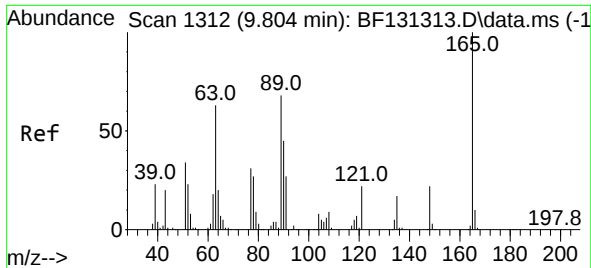
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.1 18.7 28.1

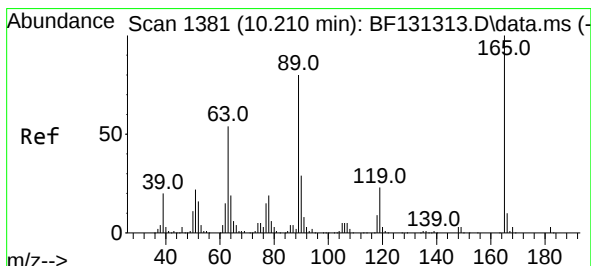
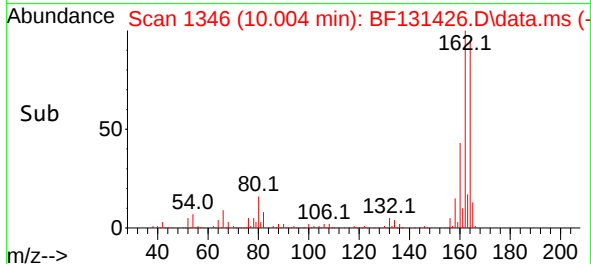
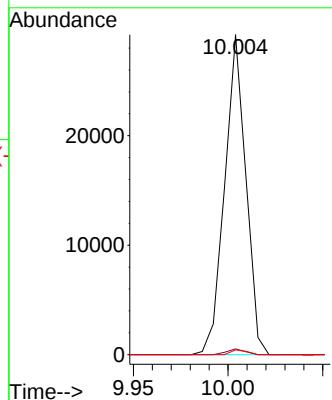
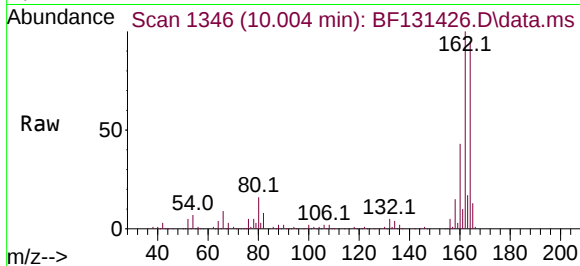




#51
2,6-Dinitrotoluene
Concen: 9.335 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

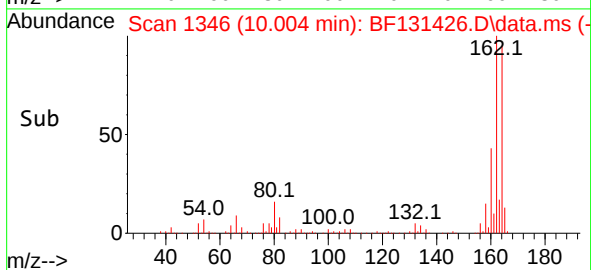
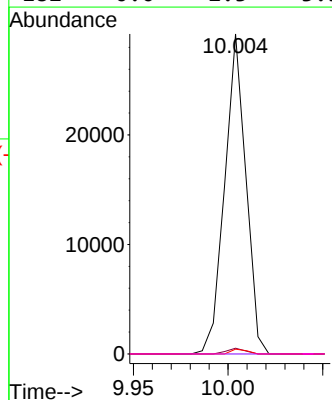
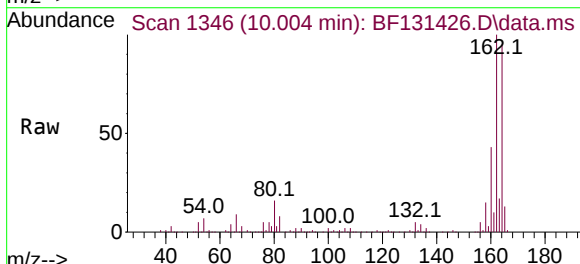
Instrument :
BNA_F
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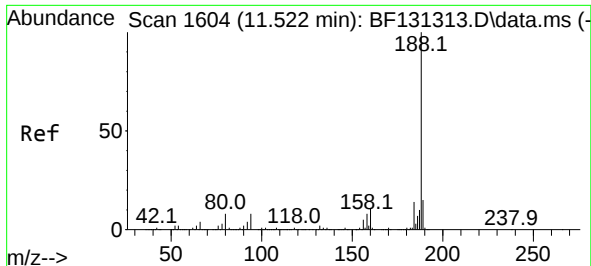
Tgt Ion:165 Resp: 22746
Ion Ratio Lower Upper
165 100
63 1.8 62.0 93.0#
89 1.5 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.419 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.194 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion:165 Resp: 22746
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.2#
89 1.5 64.0 96.0#
182 0.0 2.3 3.5#

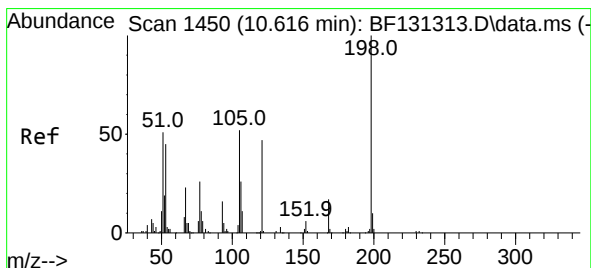
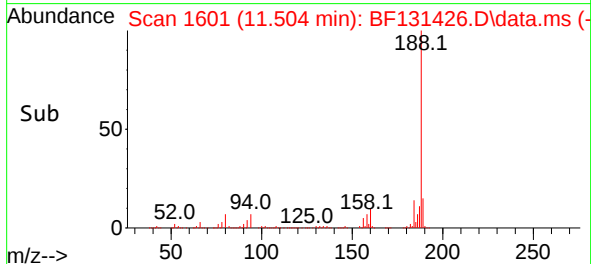
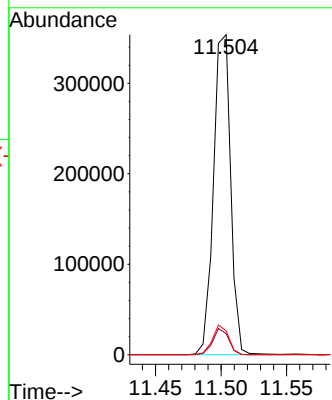
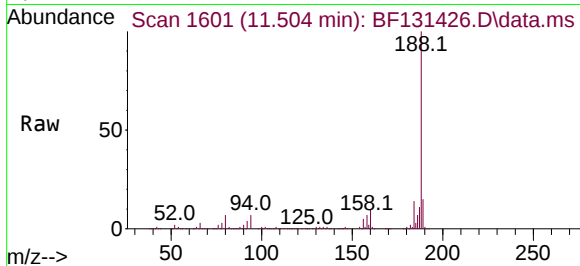




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

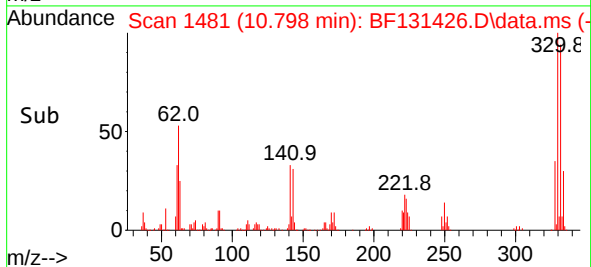
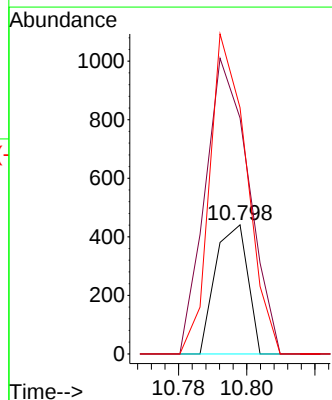
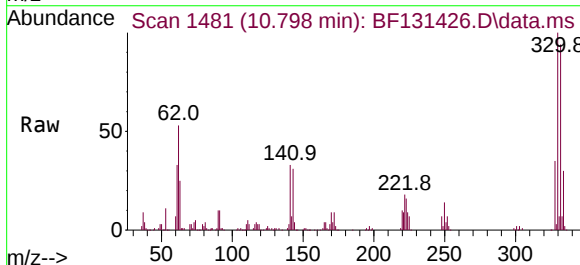
Instrument :
BNA_F
ClientSampleId :
CR-4

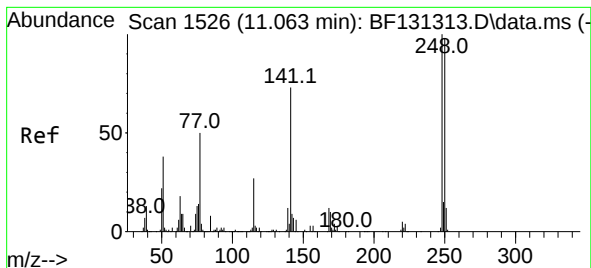
Tgt Ion:188 Resp: 322635
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 7.4 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.808 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.194 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion:198 Resp: 290
Ion Ratio Lower Upper
198 100
51 182.8 50.1 90.1#
105 190.7 32.5 72.5#

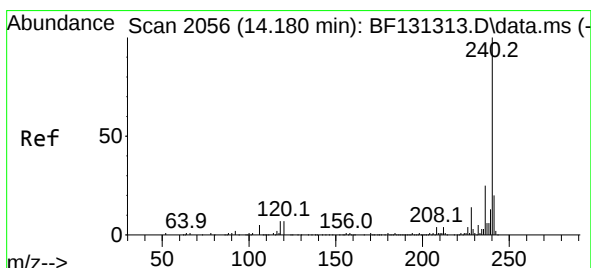
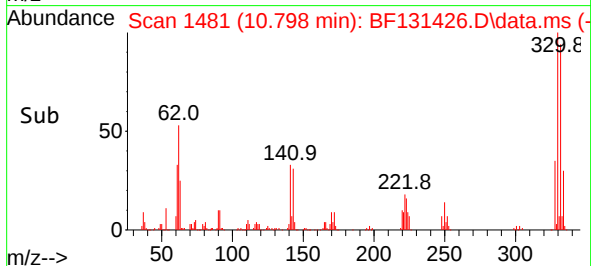
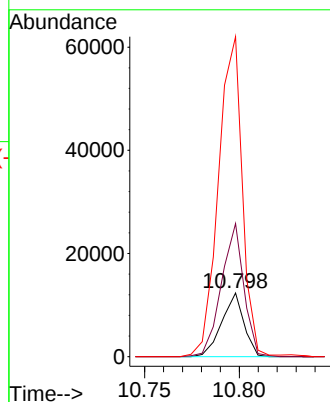
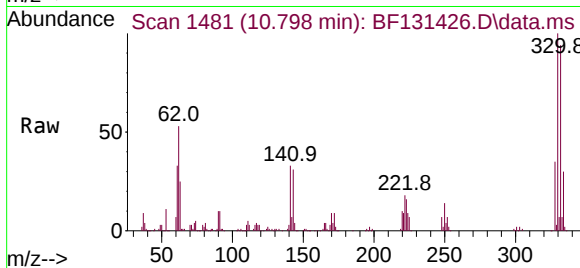




#67
4-Bromophenyl-phenylether
Concen: 2.547 ng
RT: 10.798 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

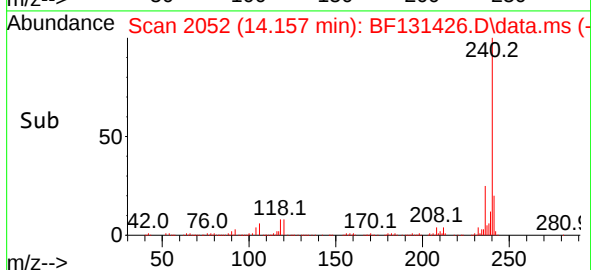
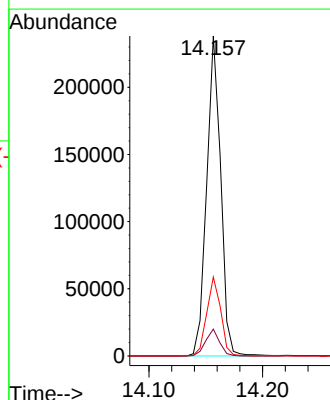
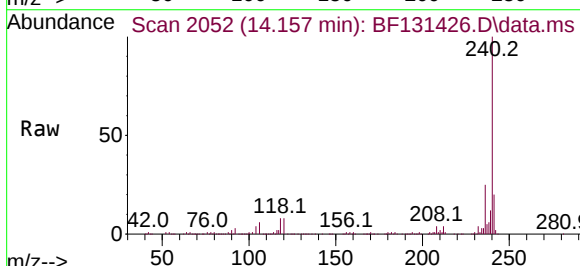
Instrument :
BNA_F
ClientSampleId :
CR-4

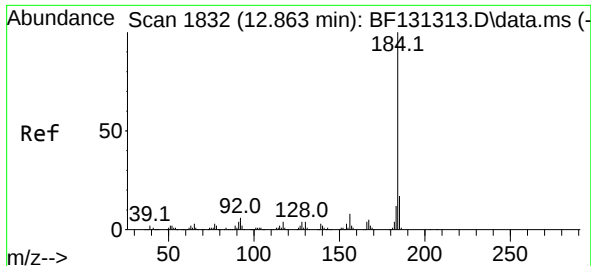
Tgt Ion:248 Resp: 10071
Ion Ratio Lower Upper
248 100
250 209.0 78.3 117.5#
141 502.4 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion:240 Resp: 203732
Ion Ratio Lower Upper
240 100
120 8.4 5.8 8.8
236 24.6 20.3 30.5

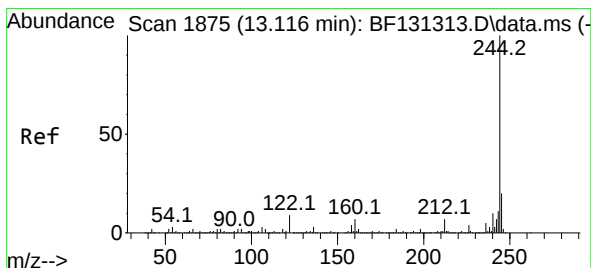
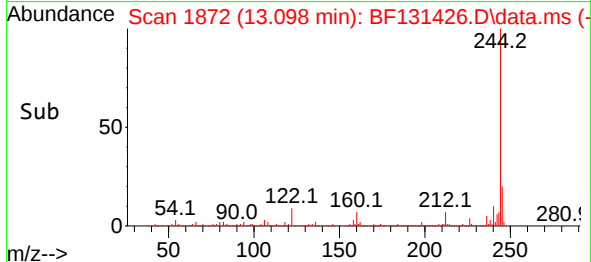
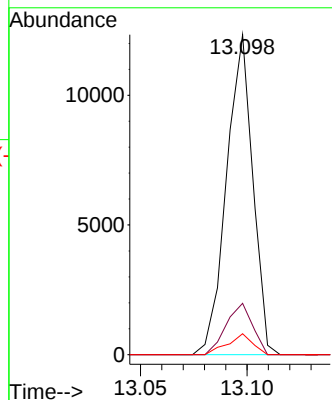
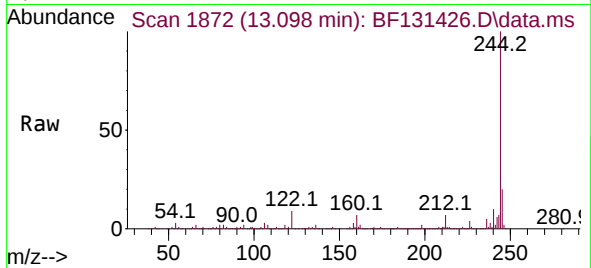




#77
Benzidine
Concen: 2.811 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.247 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

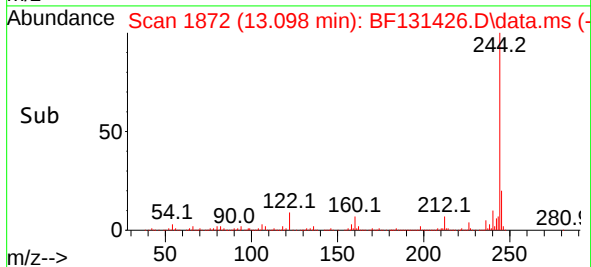
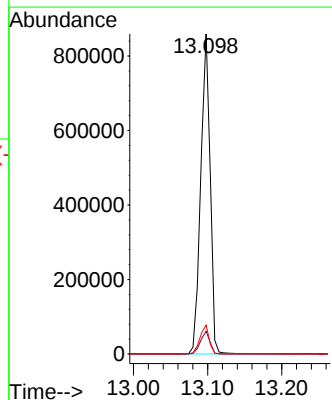
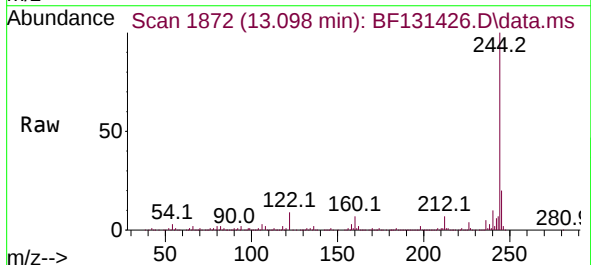
Instrument :
BNA_F
ClientSampleId :
CR-4

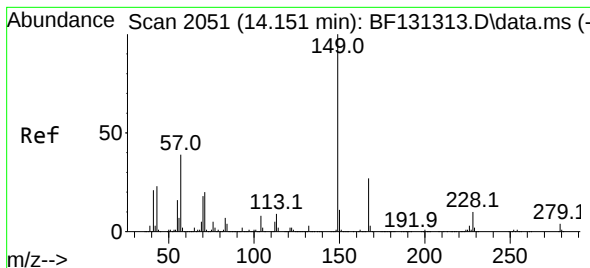
Tgt Ion:184 Resp: 10577
Ion Ratio Lower Upper
184 100
185 16.1 13.8 20.8
183 6.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 61.045 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion:244 Resp: 760540
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.0 7.5 11.3

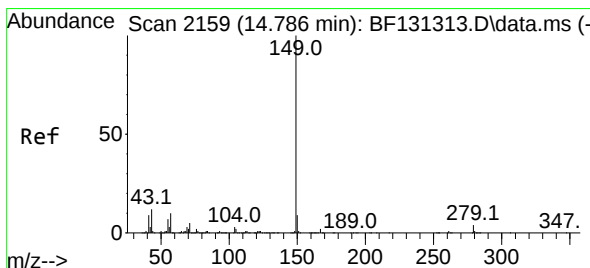
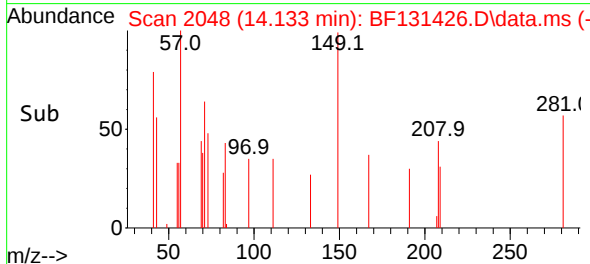
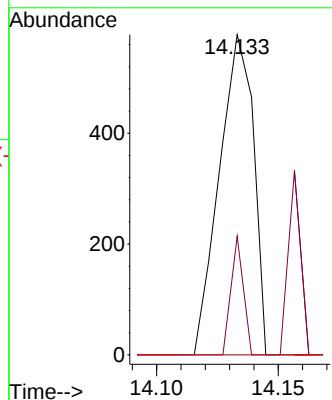
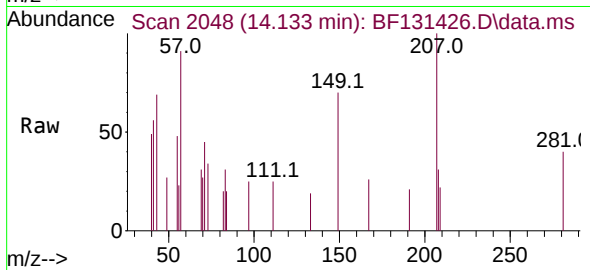




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.814 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.006 min
 Lab File: BF131426.D
 Acq: 28 Nov 2022 13:01

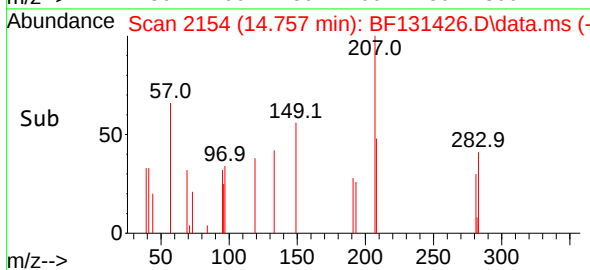
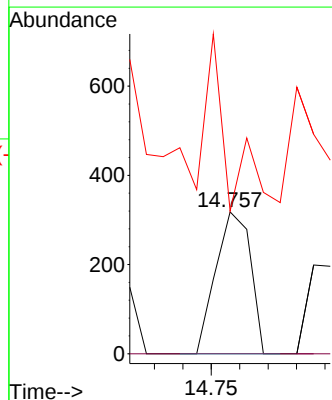
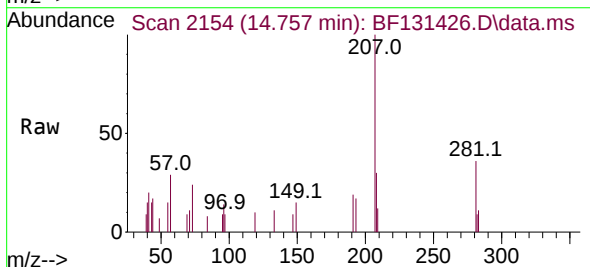
Instrument :
 BNA_F
 ClientSampleId :
 CR-4

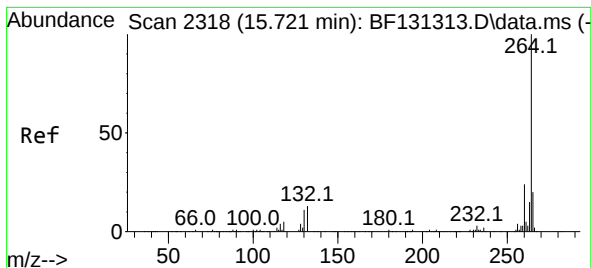
Tgt Ion:149 Resp: 563
 Ion Ratio Lower Upper
 149 100
 167 37.0 21.9 32.9#
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.928 ng
 RT: 14.757 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: BF131426.D
 Acq: 28 Nov 2022 13:01

Tgt Ion:149 Resp: 270
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 88.9 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131426.D

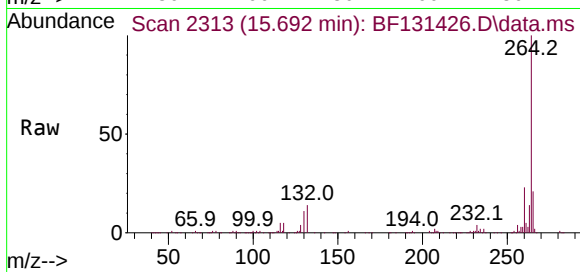
Acq: 28 Nov 2022 13:01

Instrument :

BNA_F

ClientSampleId :

CR-4



Tgt Ion:264 Resp: 167998

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 21.3 16.4 24.6

