

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131427.D
 Acq On : 28 Nov 2022 13:34
 Operator : CG\JU
 Sample : N5766-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-1

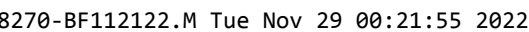
Quant Time: Nov 29 00:21:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

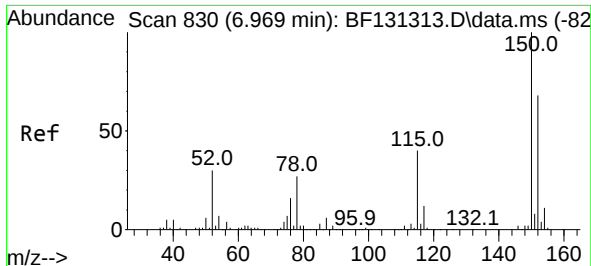
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	79632	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	298425	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	174469	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	315140	20.000	ng	0.00
76) Chrysene-d12	14.157	240	189641	20.000	ng	-0.01
86) Perylene-d12	15.692	264	153818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	529126	126.462	ng	0.01
7) Phenol-d6	6.569	99	658910	123.428	ng	0.00
23) Nitrobenzene-d5	7.516	82	444285	75.047	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	204047	139.014	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	863730	72.023	ng	0.00
79) Terphenyl-d14	13.098	244	944125	81.411	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.569	77	1310	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	61193	15.658	ng	# 75
25) Isophorone	7.516	82	443293	41.970	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	21824	8.977	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	21824	7.135	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	457	4.952	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	13586	3.517	ng	# 1
77) Benzidine	13.098	184	13140	3.751	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.133	149	912	3.861	ng	# 98
85) Di-n-octyl phthalate	14.757	149	161	3.919	ng	# 1

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

Quant Time: Nov 29 00:21:46 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

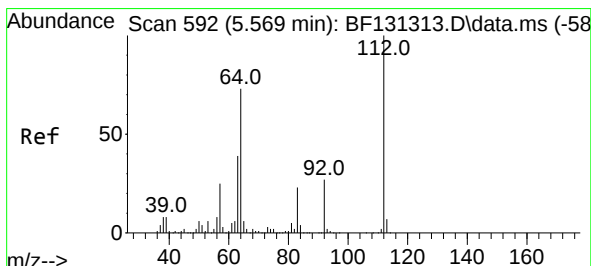
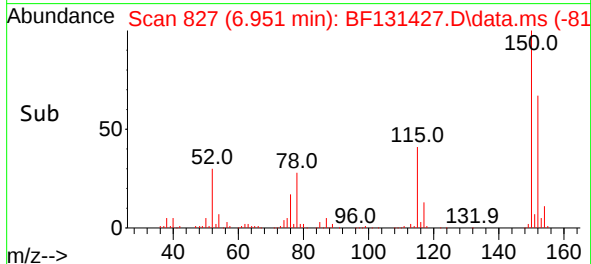
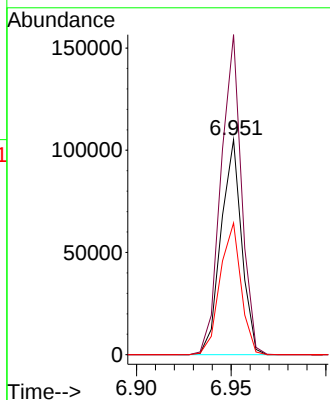
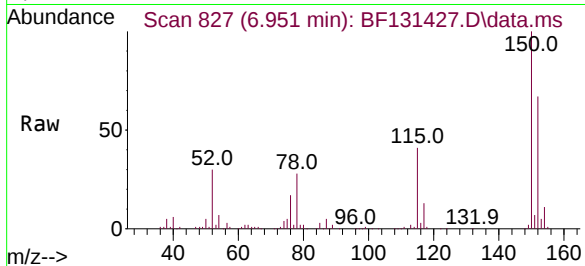




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131427.D
 Acq: 28 Nov 2022 13:34

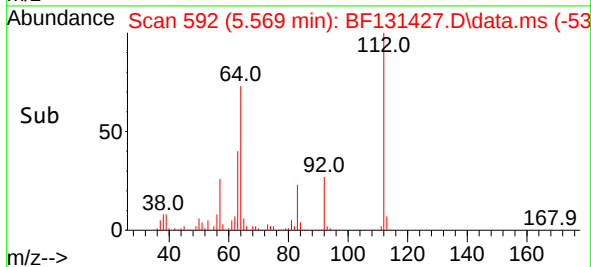
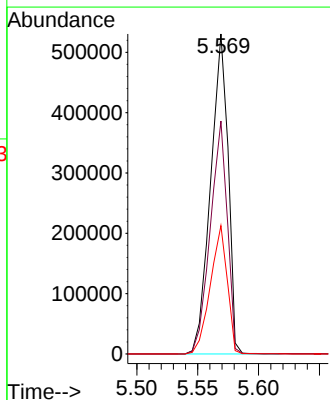
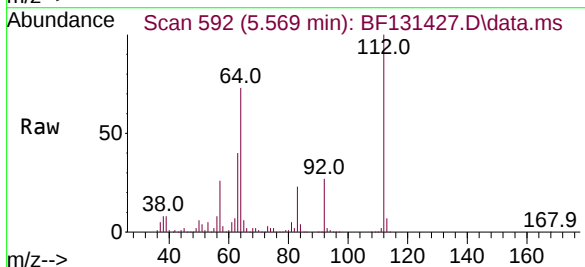
Instrument :
 BNA_F
 ClientSampleId :
 CR-1

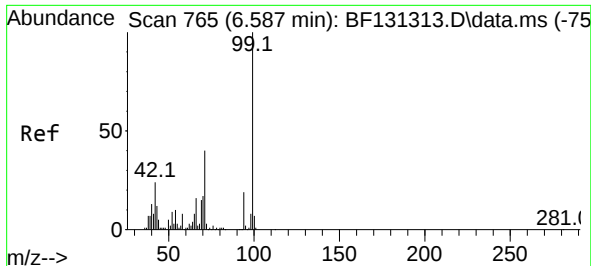
Tgt Ion:152 Resp: 79632
 Ion Ratio Lower Upper
 152 100
 150 148.8 117.8 176.8
 115 61.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 126.462 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.012 min
 Lab File: BF131427.D
 Acq: 28 Nov 2022 13:34

Tgt Ion:112 Resp: 529126
 Ion Ratio Lower Upper
 112 100
 64 72.8 58.6 88.0
 63 40.1 31.4 47.0

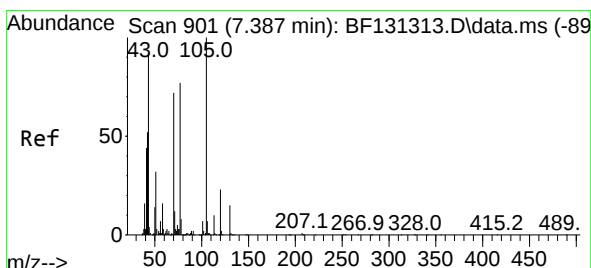
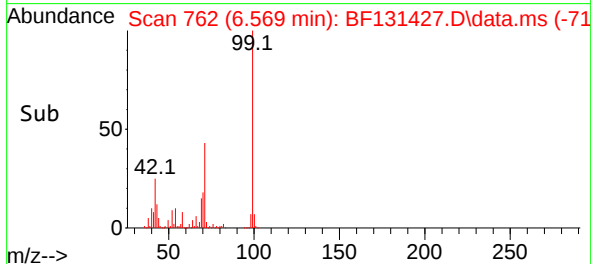
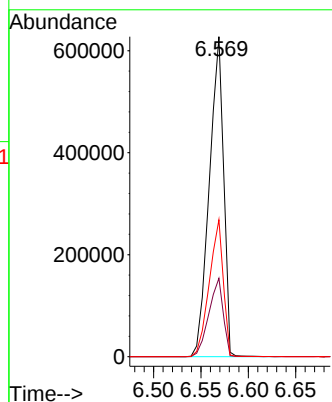
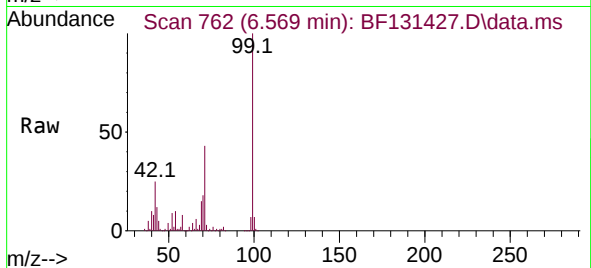




#7
Phenol-d6
Concen: 123.428 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

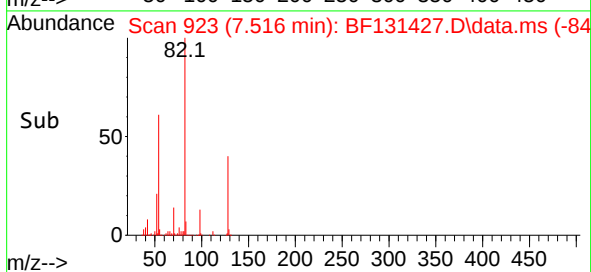
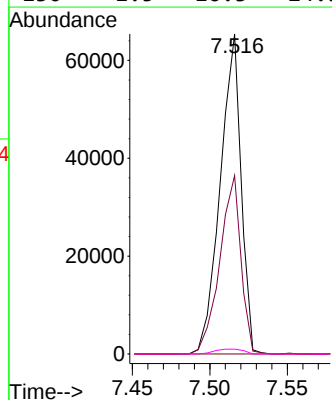
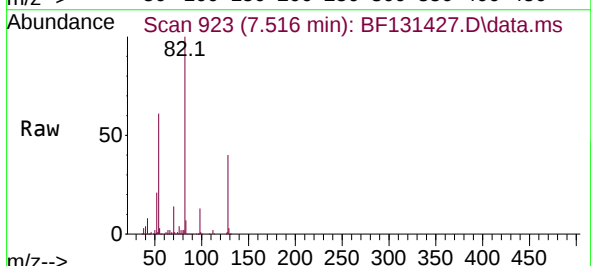
Instrument :
BNA_F
ClientSampleId :
CR-1

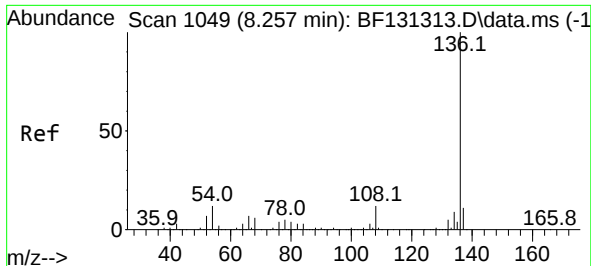
Tgt Ion: 99 Resp: 658910
Ion Ratio Lower Upper
99 100
42 24.5 19.4 29.2
71 42.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.658 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

Tgt Ion: 70 Resp: 61193
Ion Ratio Lower Upper
70 100
42 55.7 57.6 86.4#
101 0.0 8.2 12.2#
130 1.5 16.3 24.5#

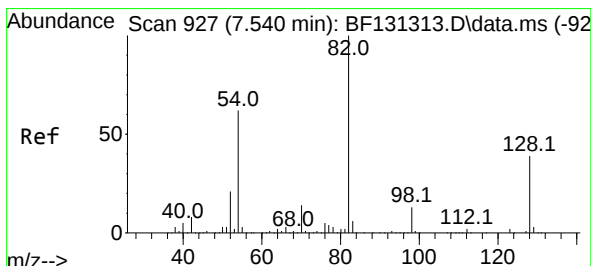
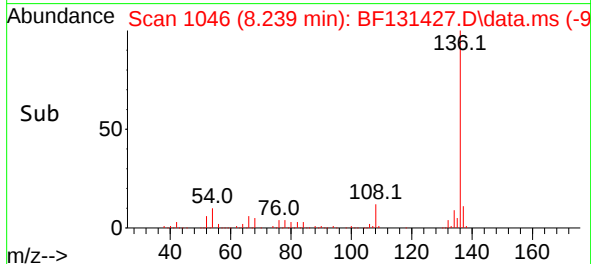
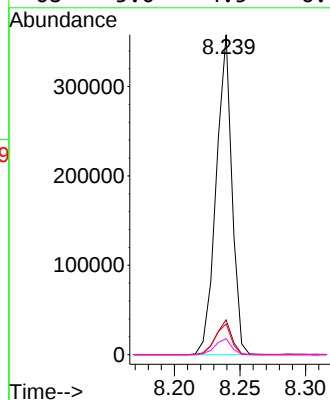
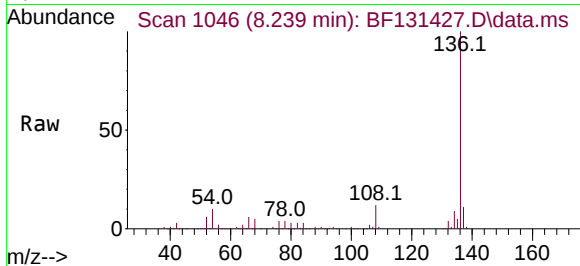




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

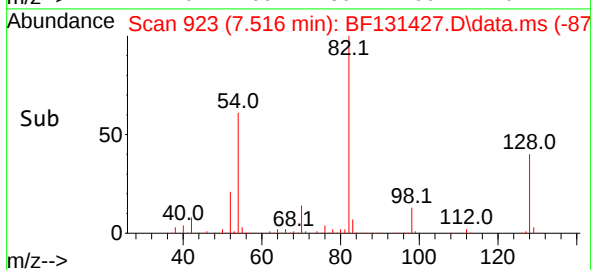
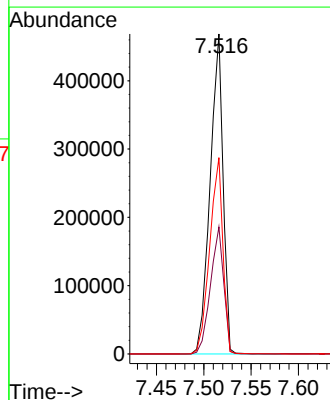
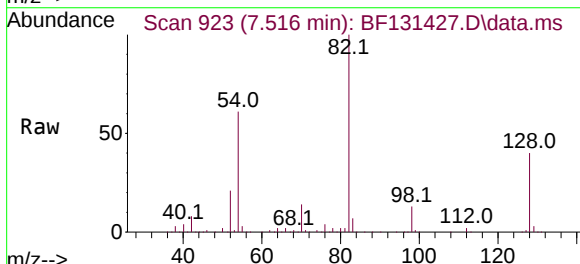
Instrument :
BNA_F
ClientSampleId :
CR-1

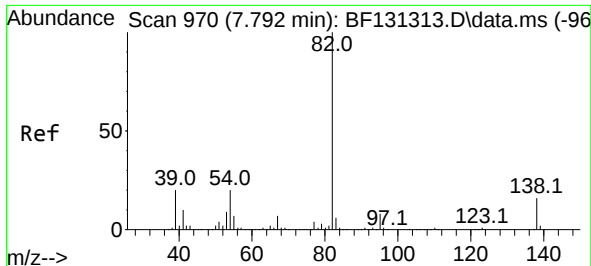
Tgt Ion:	136	Resp:	298425
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.6	9.4	14.0
68	5.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 75.047 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

Tgt Ion:	82	Resp:	444285
Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.4	47.0
54	61.4	49.8	74.6

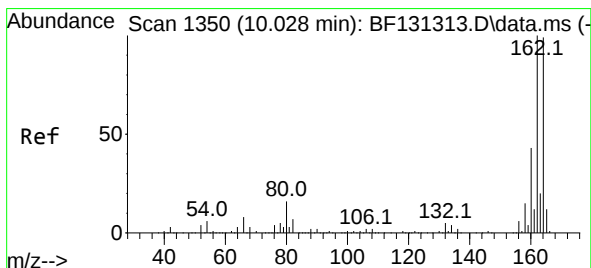
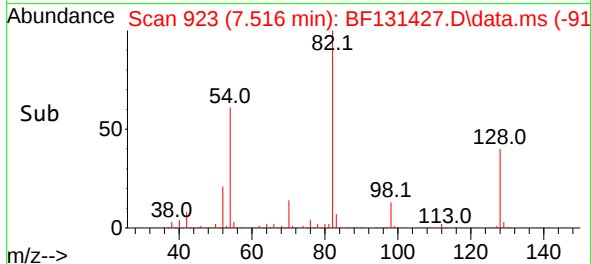
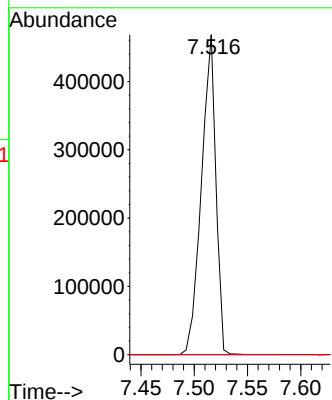
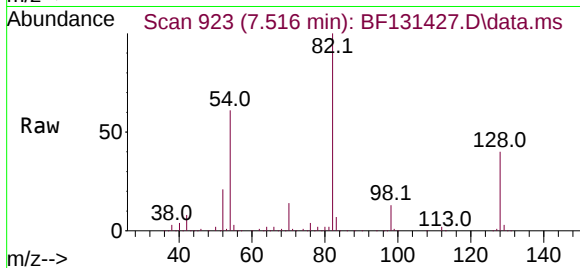




#25
Isophorone
Concen: 41.970 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

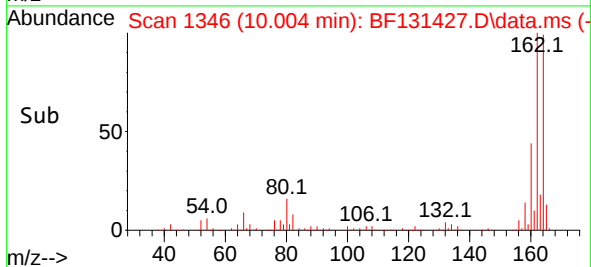
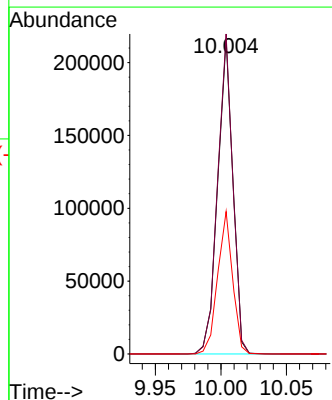
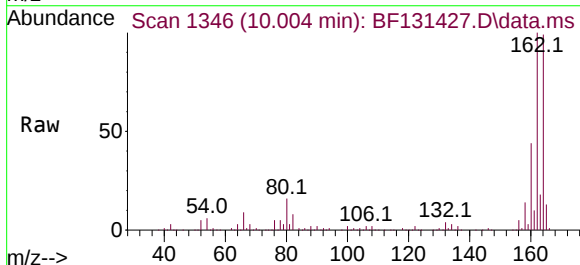
Instrument :
BNA_F
ClientSampleId :
CR-1

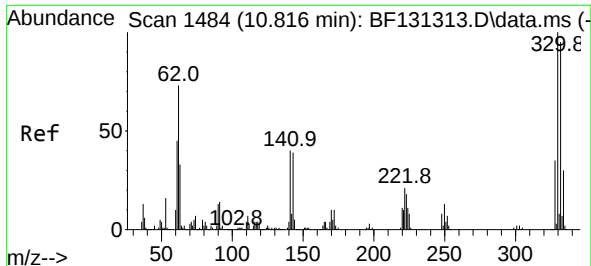
Tgt Ion: 82 Resp: 443293
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

Tgt Ion: 164 Resp: 174469
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 139.014 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

Instrument :

BNA_F

ClientSampleId :

CR-1

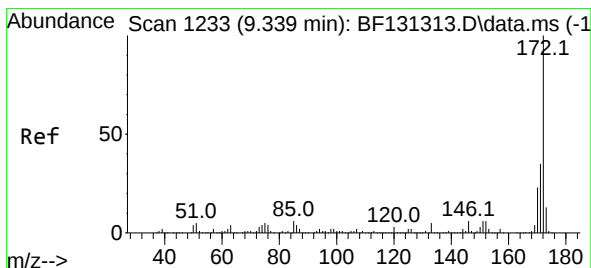
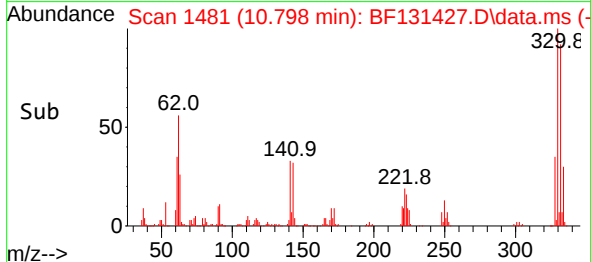
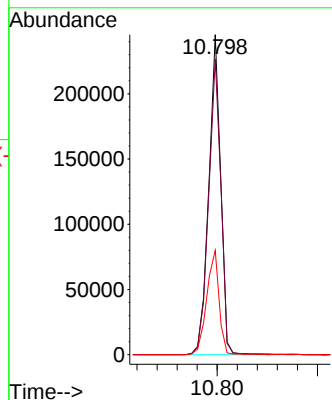
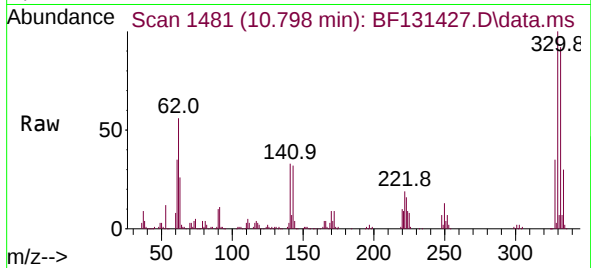
Tgt Ion:330 Resp: 204047

Ion Ratio Lower Upper

330 100

332 94.7 77.5 116.3

141 33.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 72.023 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

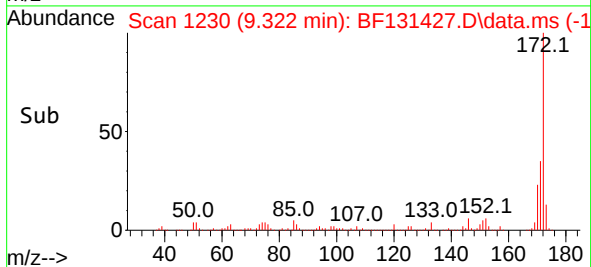
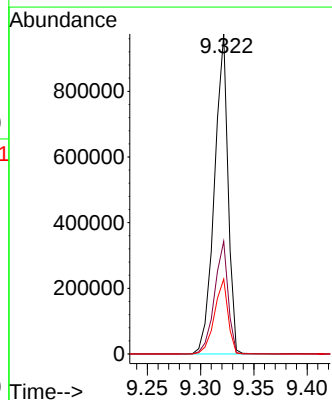
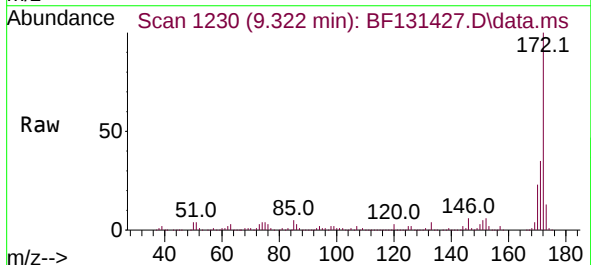
Tgt Ion:172 Resp: 863730

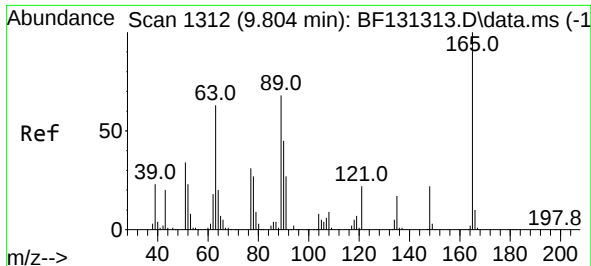
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.4 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.977 ng

RT: 10.004 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

Instrument :

BNA_F

ClientSampleId :

CR-1

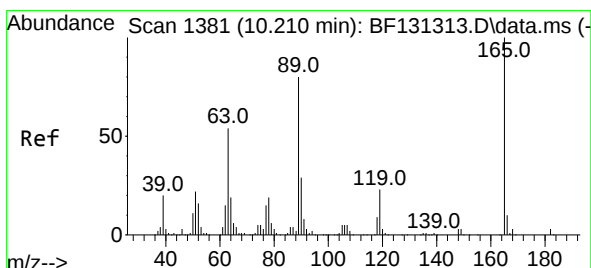
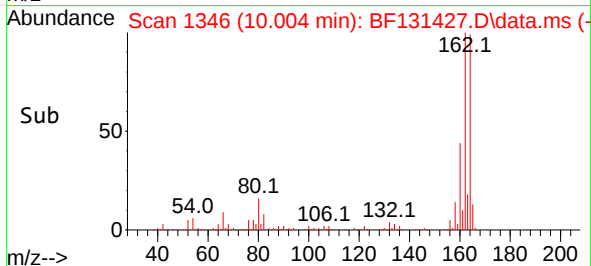
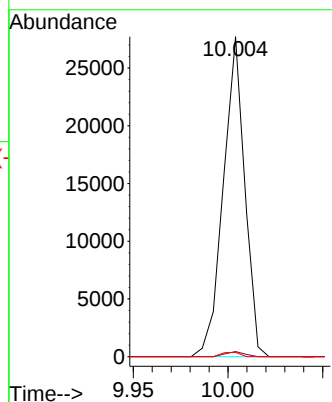
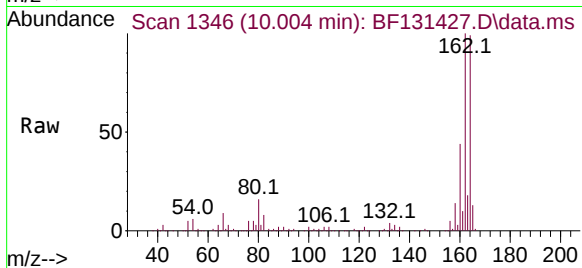
Tgt Ion:165 Resp: 21824

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: 7.135 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.194 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

Tgt Ion:165 Resp: 21824

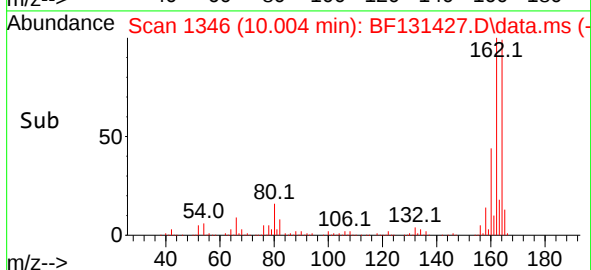
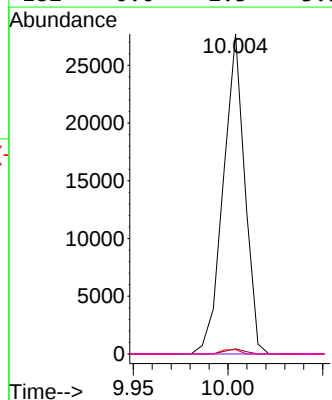
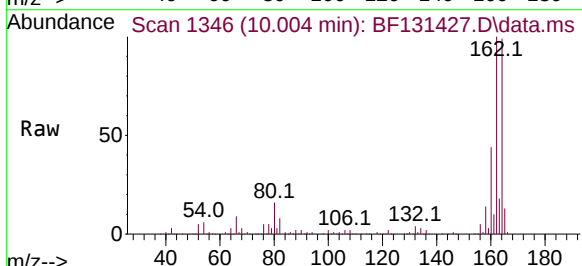
Ion Ratio Lower Upper

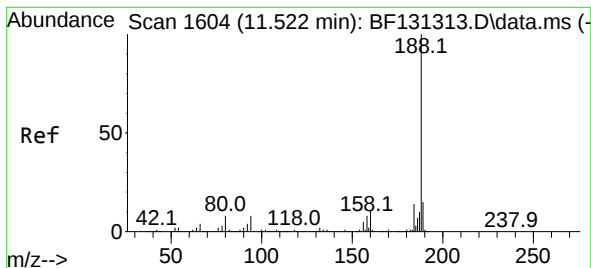
165 100

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: 11.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

Instrument :

BNA_F

ClientSampleId :

CR-1

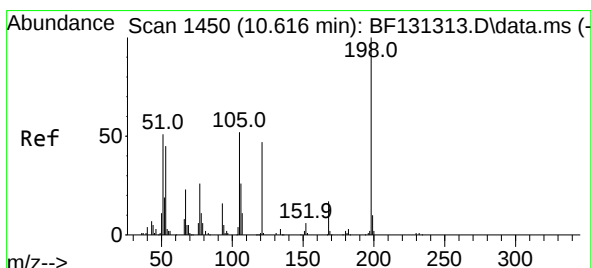
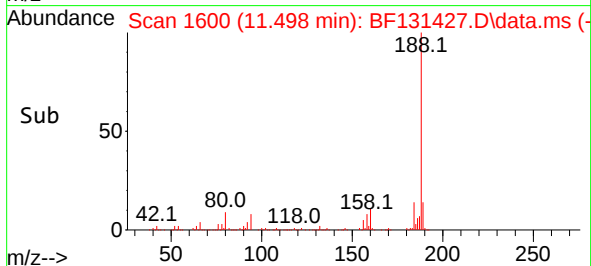
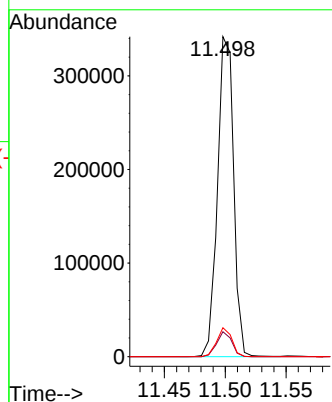
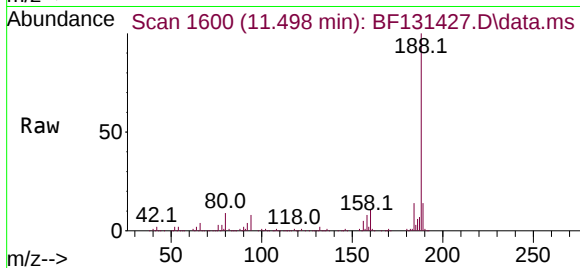
Tgt Ion:188 Resp: 315140

Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

80 9.1 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.952 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.194 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

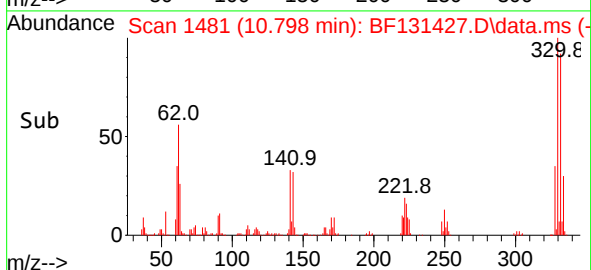
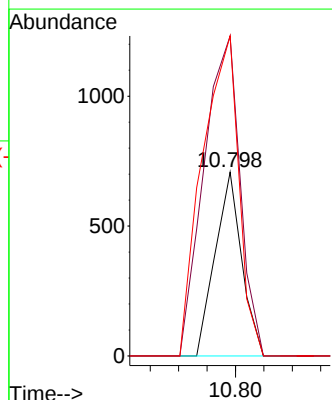
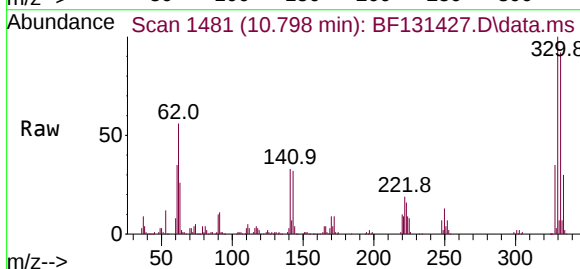
Tgt Ion:198 Resp: 457

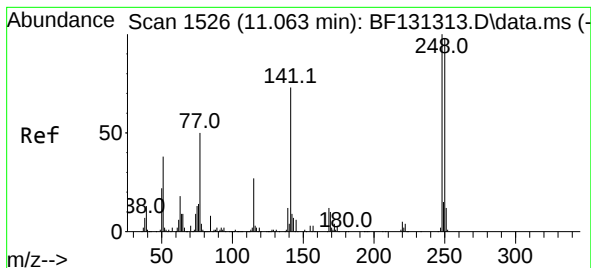
Ion Ratio Lower Upper

198 100

51 174.0 50.1 90.1#

105 174.0 32.5 72.5#

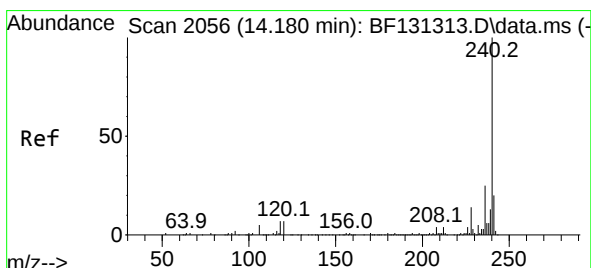
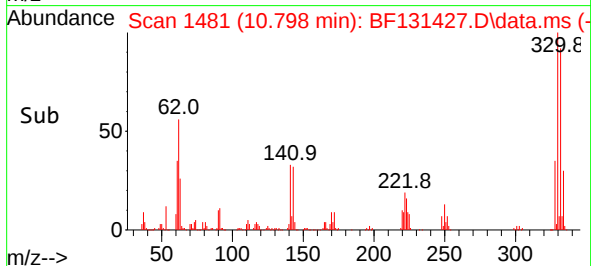
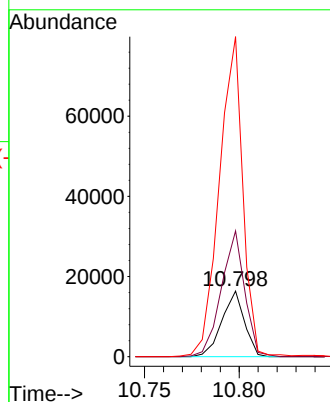
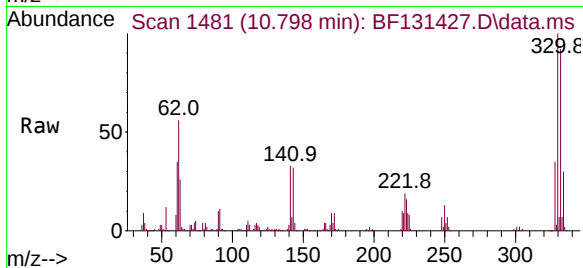




#67
4-Bromophenyl-phenylether
Concen: 3.517 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

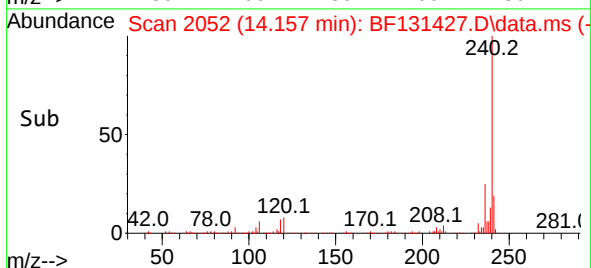
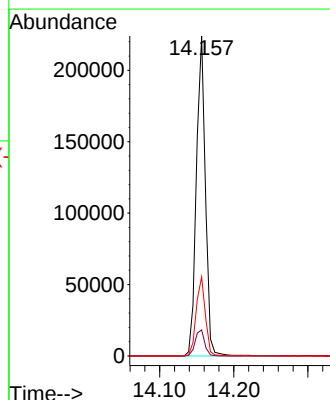
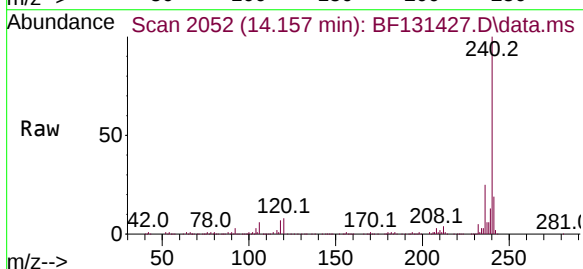
Instrument :
BNA_F
ClientSampleId :
CR-1

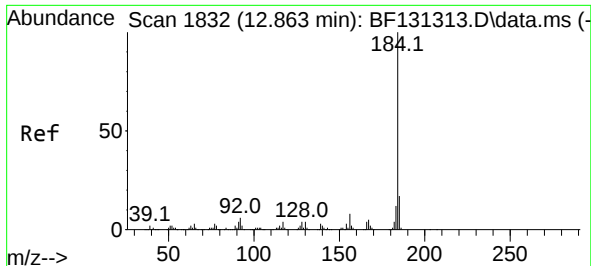
Tgt Ion:248 Resp: 13586
Ion Ratio Lower Upper
248 100
250 191.7 78.3 117.5#
141 488.0 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

Tgt Ion:240 Resp: 189641
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 24.7 20.3 30.5

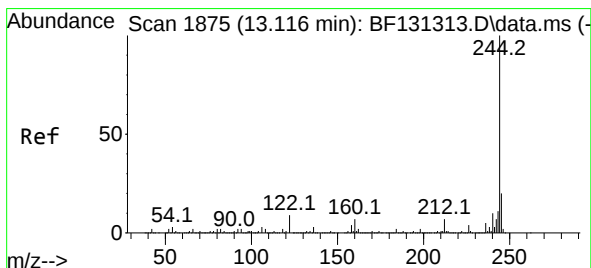
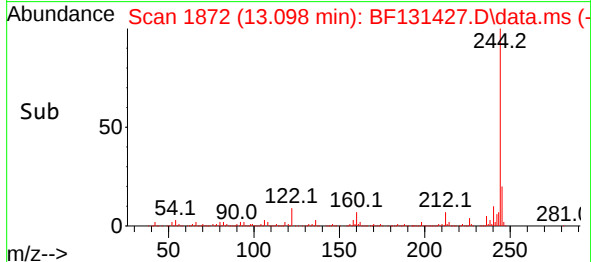
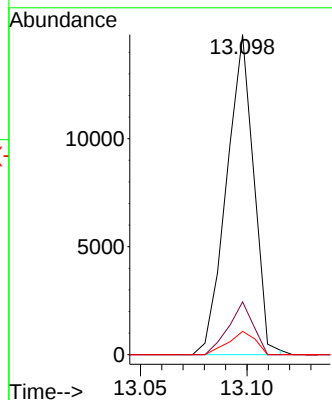
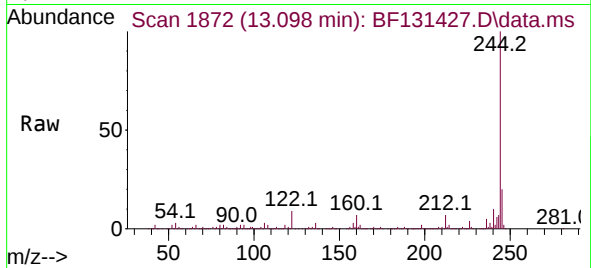




#77
Benzidine
Concen: 3.751 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.247 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

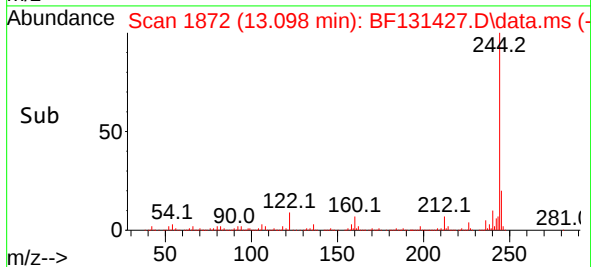
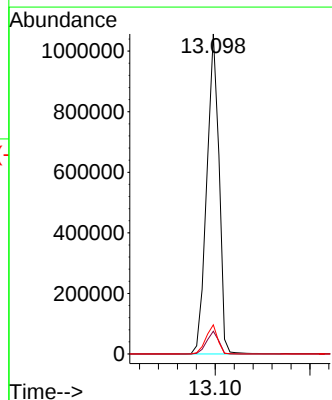
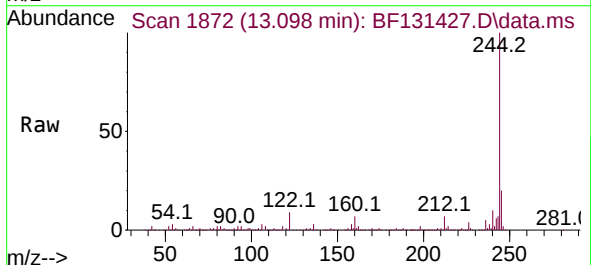
Instrument :
BNA_F
ClientSampleId :
CR-1

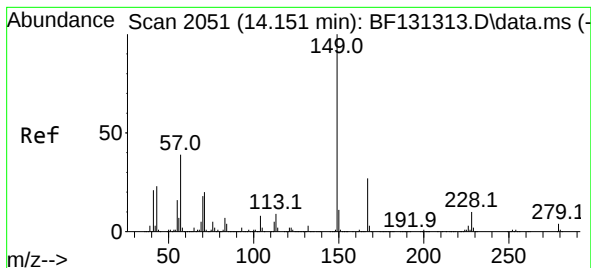
Tgt Ion:184 Resp: 13140
Ion Ratio Lower Upper
184 100
185 16.5 13.8 20.8
183 7.3 9.6 14.4#



#79
Terphenyl-d14
Concen: 81.411 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

Tgt Ion:244 Resp: 944125
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.1 7.5 11.3

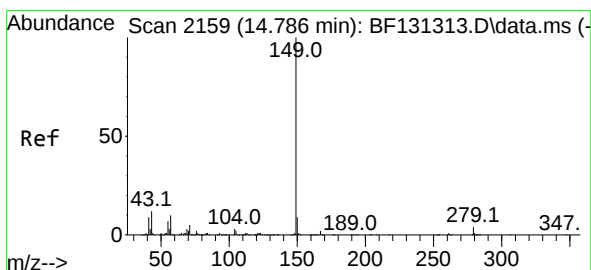
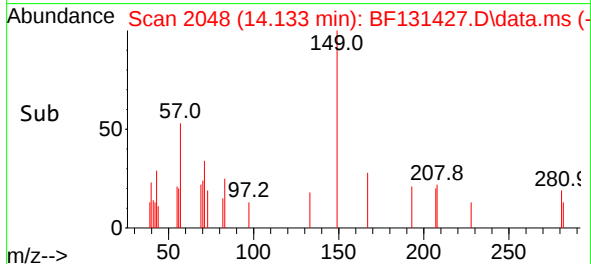
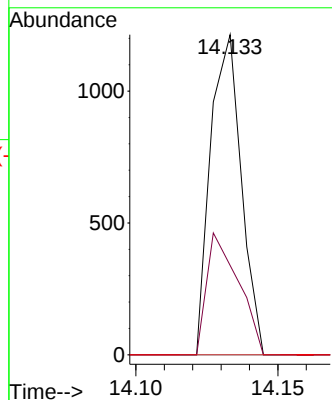
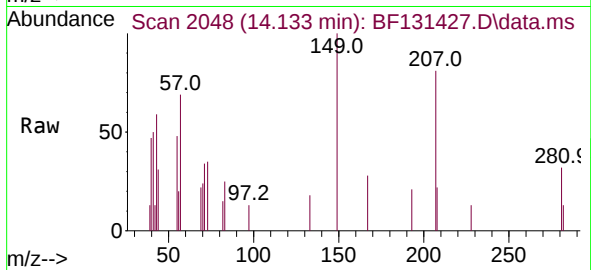




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.861 ng
 RT: 14.133 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BF131427.D
 Acq: 28 Nov 2022 13:34

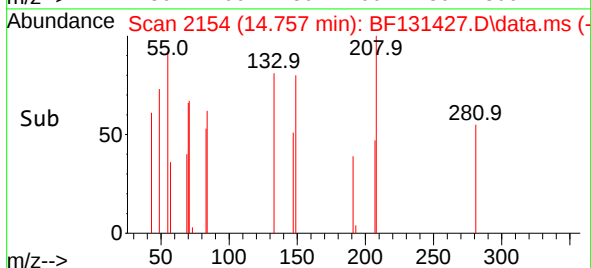
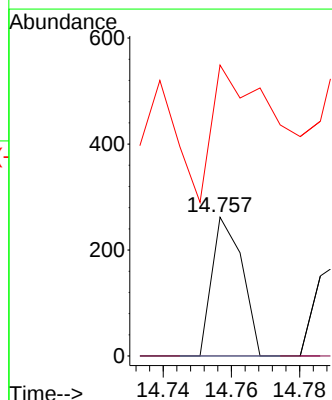
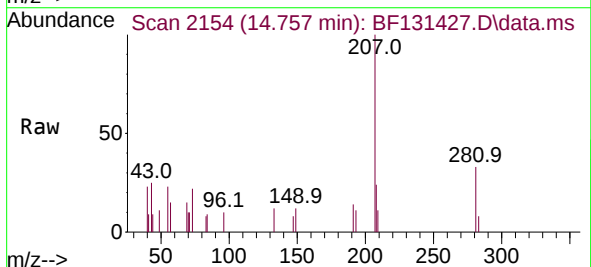
Instrument :
 BNA_F
 ClientSampleId :
 CR-1

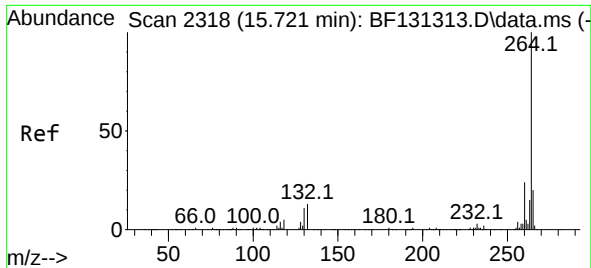
Tgt Ion:149 Resp: 912
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.919 ng
 RT: 14.757 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: BF131427.D
 Acq: 28 Nov 2022 13:34

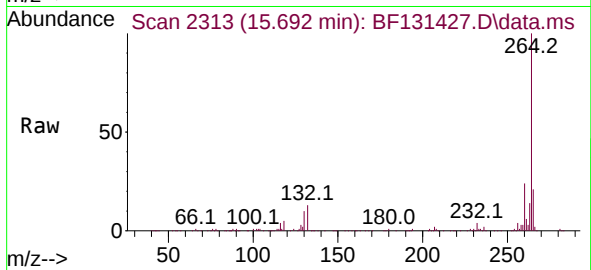
Tgt Ion:149 Resp: 161
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 206.2 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

Instrument :
BNA_F
ClientSampleId :
CR-1



Tgt Ion:264 Resp: 153818

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.3	16.4	24.6

