

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131329.D
 Acq On : 22 Nov 2022 14:15
 Operator : CG\JU
 Sample : N5317-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-TRIAZINE-SOIL

Quant Time: Nov 23 03:26:24 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 22 01:17:52 2022
 Response via : Initial Calibration

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

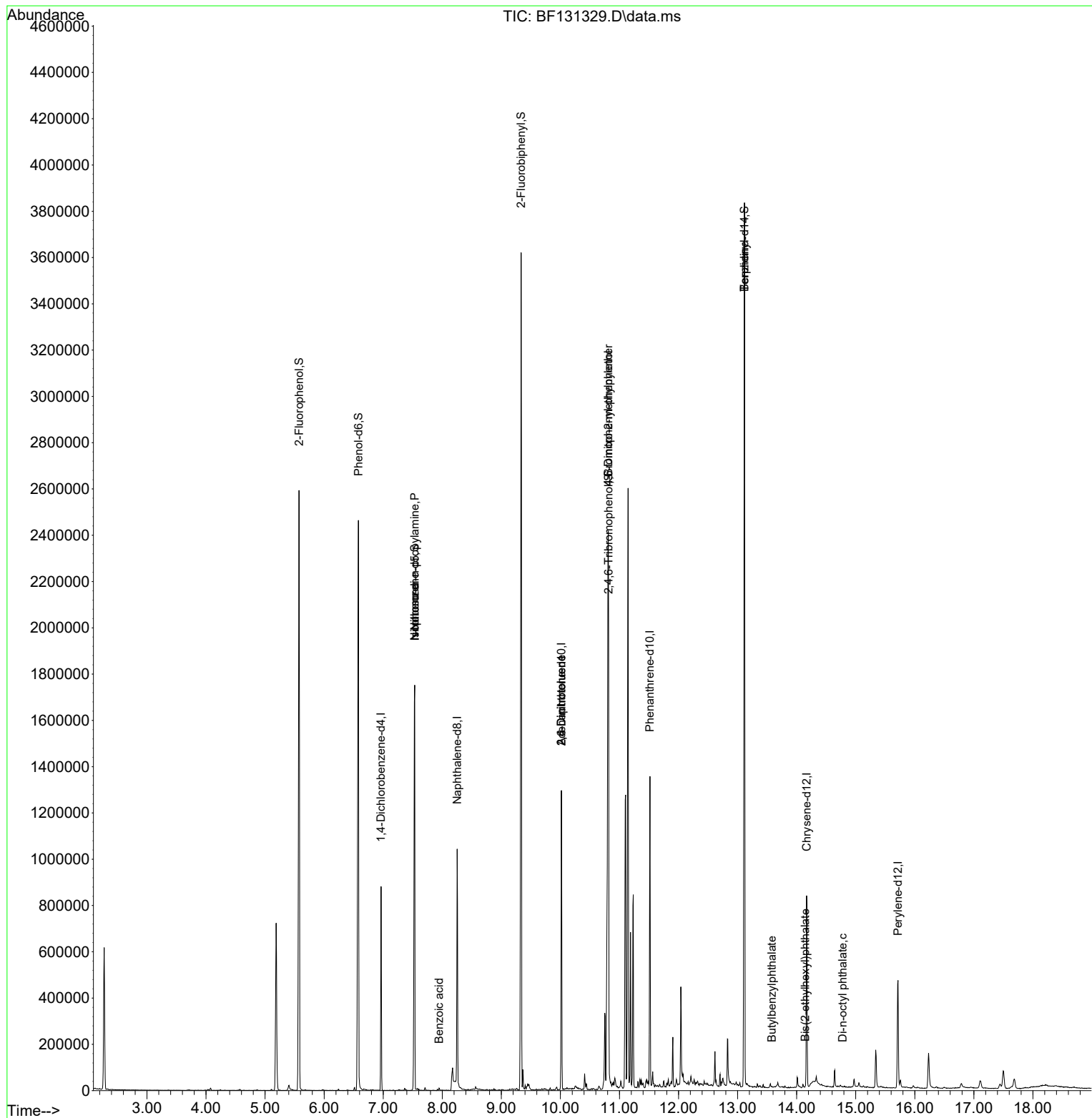
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	107924	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	414457	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	242472	20.000	ng	-0.01
64) Phenanthrene-d10	11.516	188	446043	20.000	ng	0.00
76) Chrysene-d12	14.169	240	298673	20.000	ng	#-0.01
86) Perylene-d12	15.716	264	229934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	686468	121.057	ng	0.00
7) Phenol-d6	6.581	99	878748	121.457	ng	0.00
23) Nitrobenzene-d5	7.534	82	587680	71.477	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	290434	142.374	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	1190938	71.456	ng	0.00
79) Terphenyl-d14	13.116	244	1404265	76.885	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	476	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.534	70	83184	15.706	ng	# 73
25) Isophorone	7.534	82	587673	40.063	ng	# 68
32) Benzoic acid	7.945	122	215	5.198	ng	# 72
51) 2,6-Dinitrotoluene	10.016	165	31835	9.423	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	31835	7.489	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.810	198	563	4.903	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	19349	3.539	ng	# 1
77) Benzidine	13.116	184	19204	3.481	ng	# 92
80) Butylbenzylphthalate	13.580	149	205	4.165	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.145	149	1557	3.871	ng	# 91
85) Di-n-octyl phthalate	14.780	149	254	3.919	ng	# 70

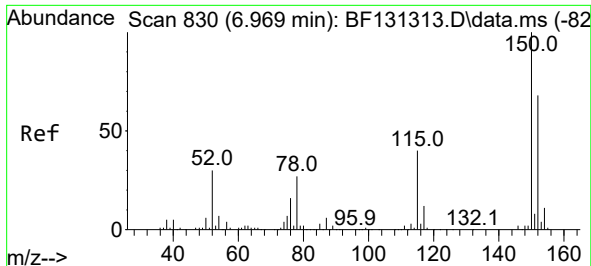
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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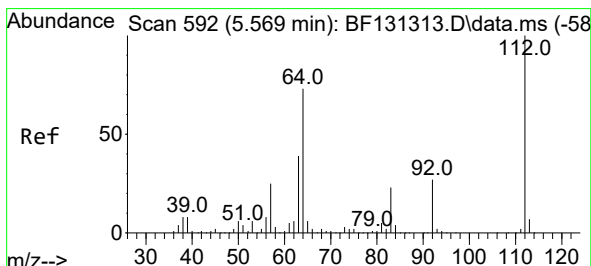
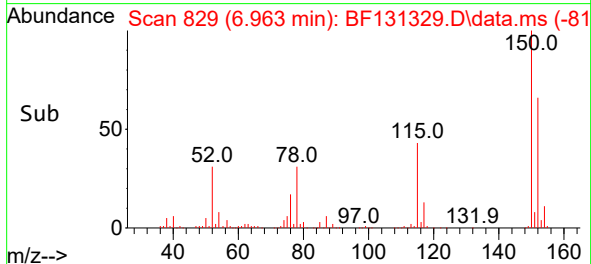
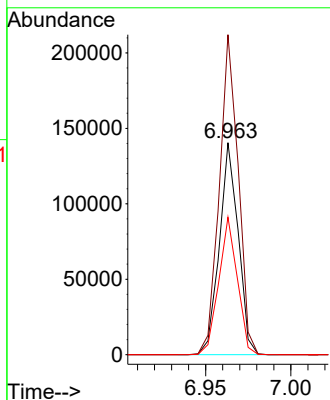
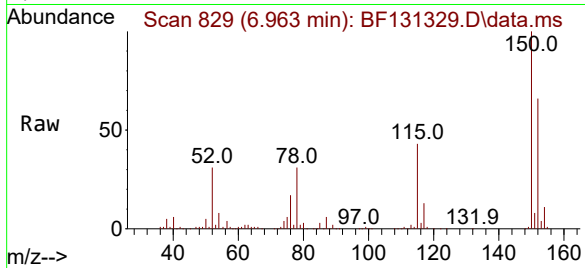




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

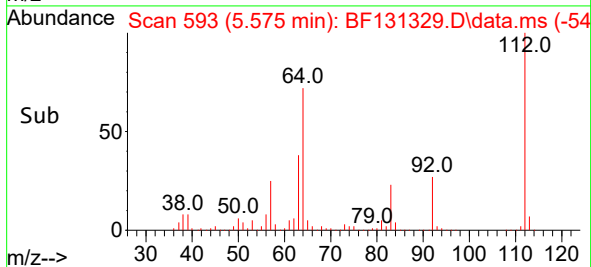
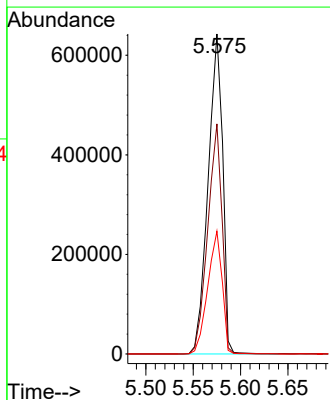
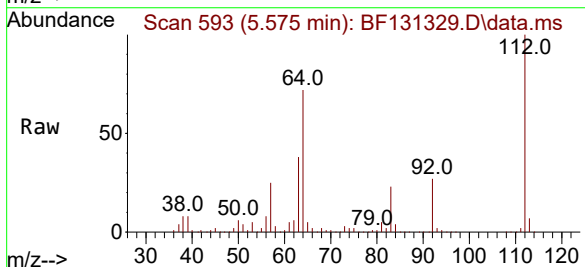
Instrument :
BNA_F
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PT-TRIAZINE-SOIL

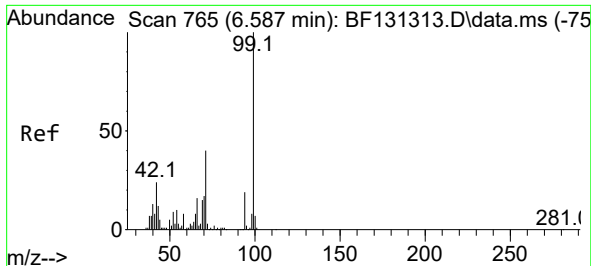
Tgt Ion:152 Resp: 107924
Ion Ratio Lower Upper
152 100
150 150.9 117.8 176.8
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 121.057 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

Tgt Ion:112 Resp: 686468
Ion Ratio Lower Upper
112 100
64 71.9 58.6 88.0
63 38.4 31.4 47.0

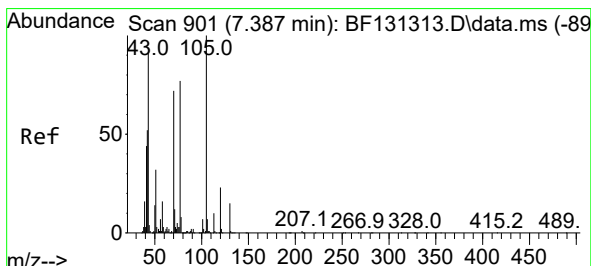
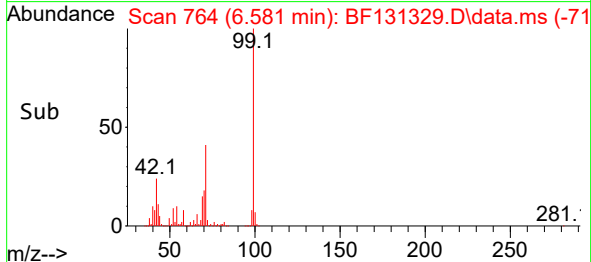
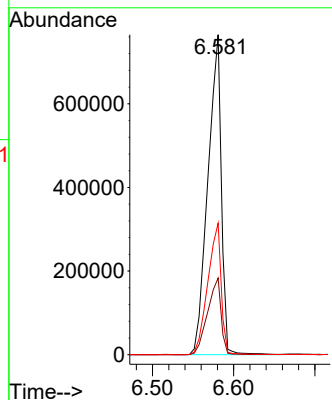
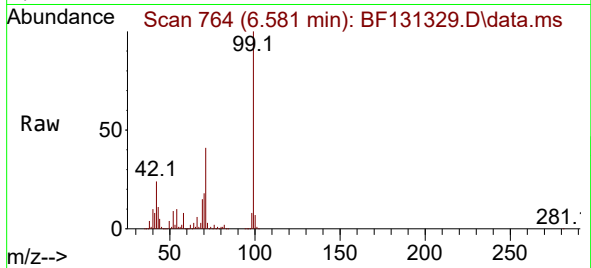




#7
Phenol-d6
Concen: 121.457 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

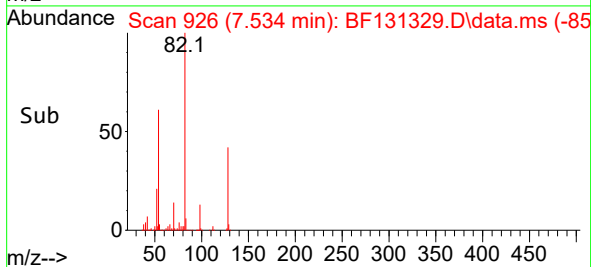
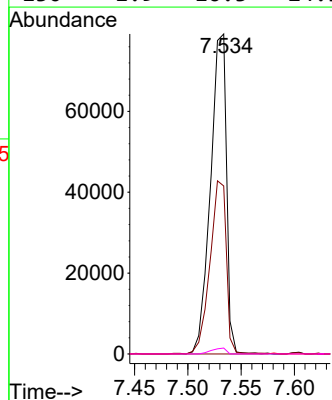
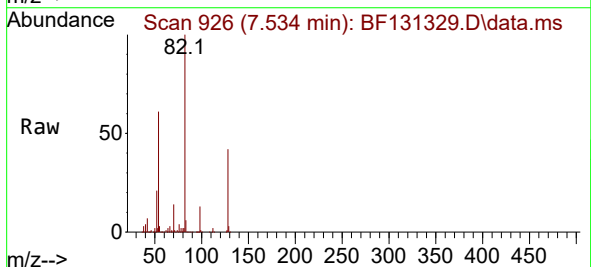
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

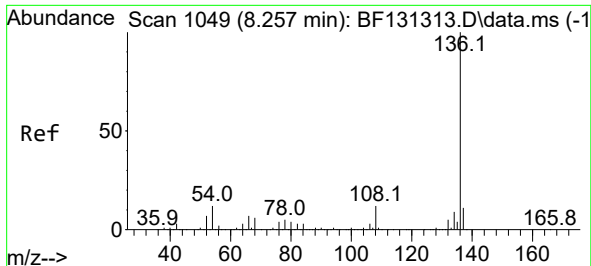
Tgt Ion: 99 Resp: 878748
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 41.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.706 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.147 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

Tgt Ion: 70 Resp: 83184
Ion Ratio Lower Upper
70 100
42 52.5 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#

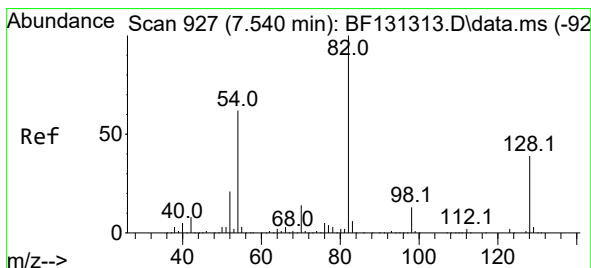
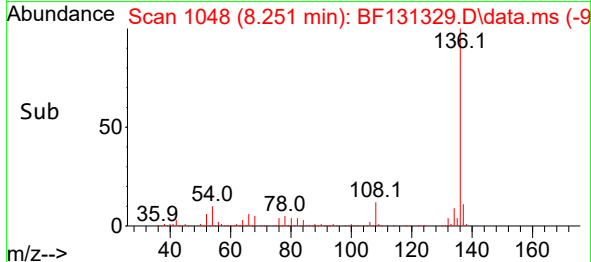
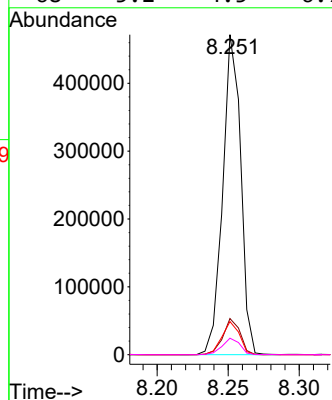
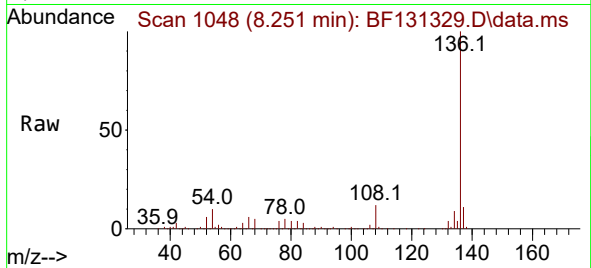




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

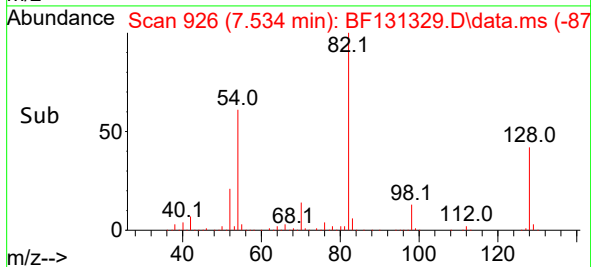
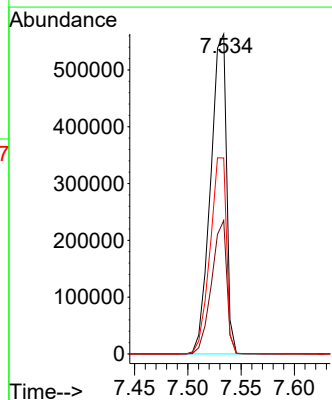
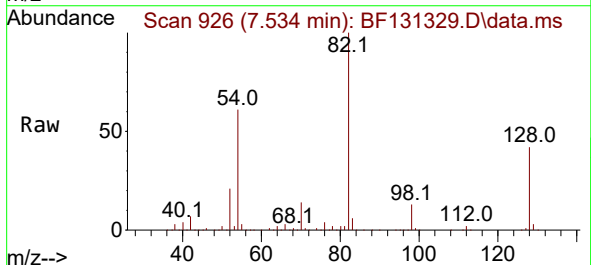
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

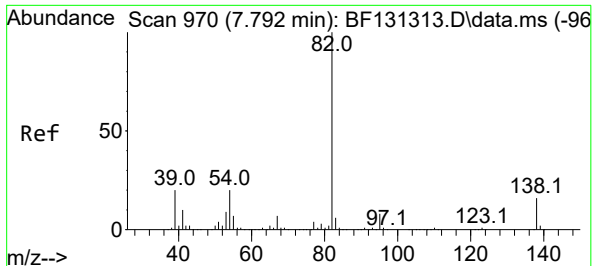
Tgt Ion:136 Resp: 414457
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.4 9.4 14.0
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 71.477 ng
RT: 7.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

Tgt Ion: 82 Resp: 587680
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 61.2 49.8 74.6

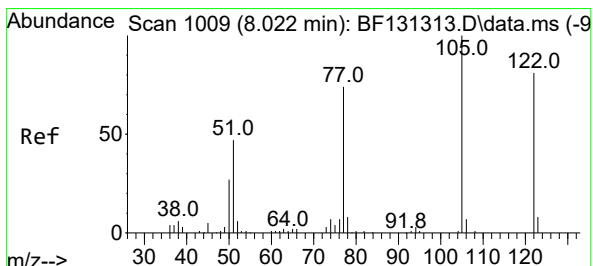
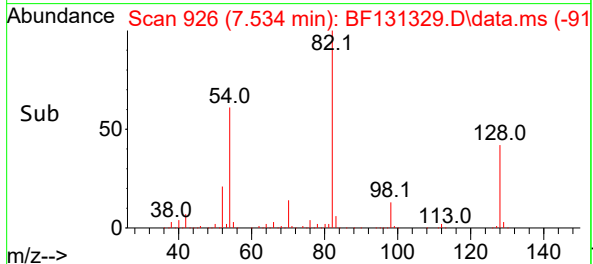
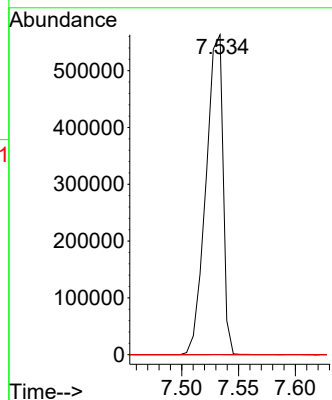
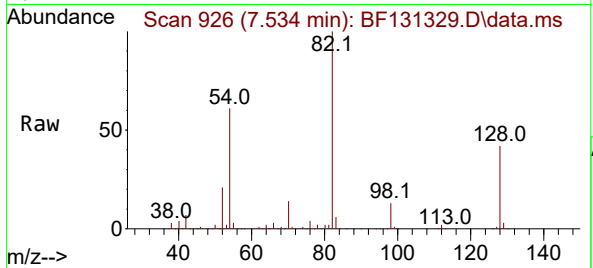




#25
Isophorone
Concen: 40.063 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

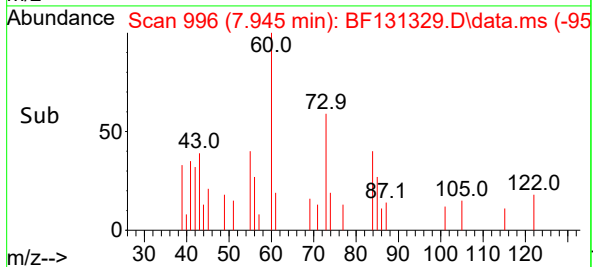
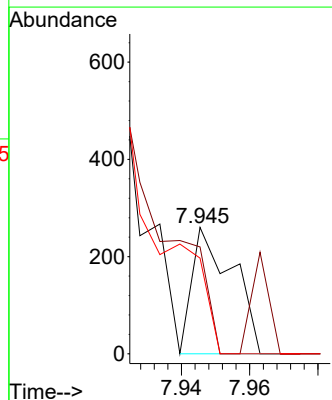
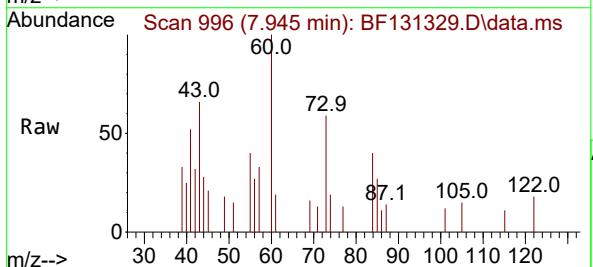
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

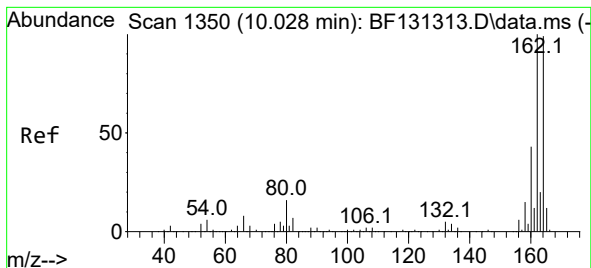
Tgt Ion: 82 Resp: 587673
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.198 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.077 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

Tgt Ion: 122 Resp: 215
Ion Ratio Lower Upper
122 100
105 84.6 103.8 143.8#
77 75.8 74.3 114.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131329.D

Acq: 22 Nov 2022 14:15

Instrument :

BNA_F

ClientSampleId :

PT-TRIAZINE-SOIL

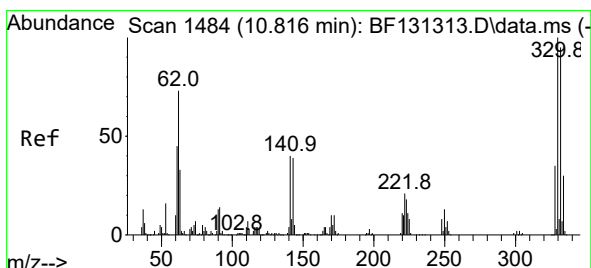
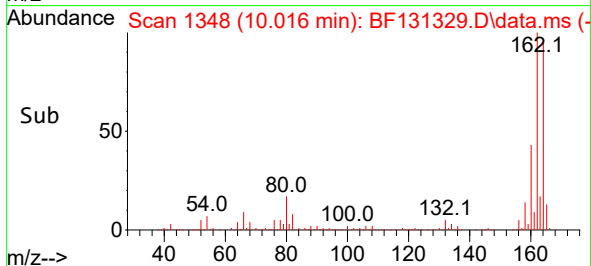
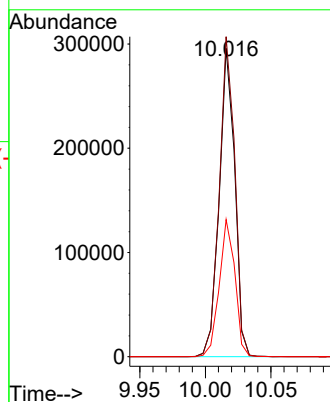
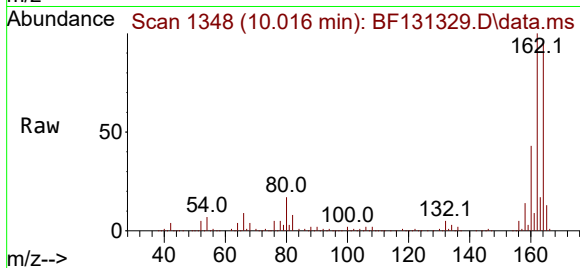
Tgt Ion:164 Resp: 242472

Ion Ratio Lower Upper

164 100

162 103.8 80.6 120.8

160 44.5 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 142.374 ng

RT: 10.816 min Scan# 1484

Delta R.T. 0.000 min

Lab File: BF131329.D

Acq: 22 Nov 2022 14:15

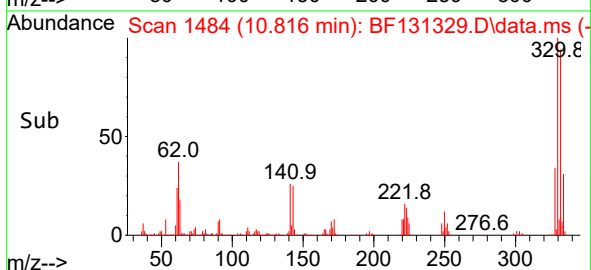
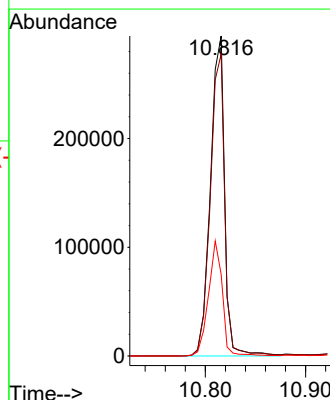
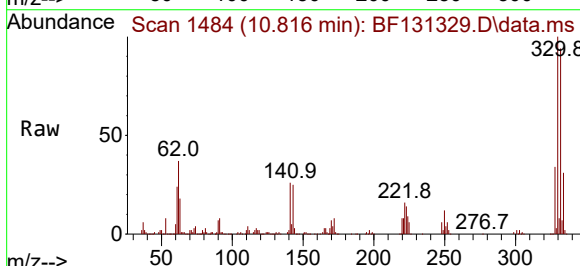
Tgt Ion:330 Resp: 290434

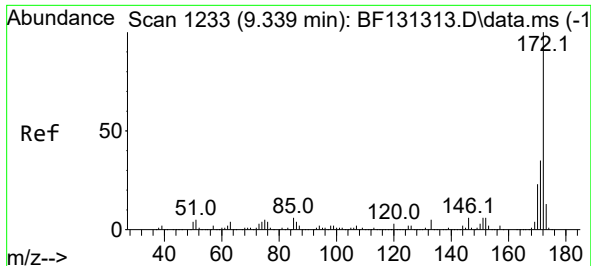
Ion Ratio Lower Upper

330 100

332 95.7 77.5 116.3

141 35.2 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 71.456 ng

RT: 9.334 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131329.D

Acq: 22 Nov 2022 14:15

Instrument :

BNA_F

ClientSampleId :

PT-TRIAZINE-SOIL

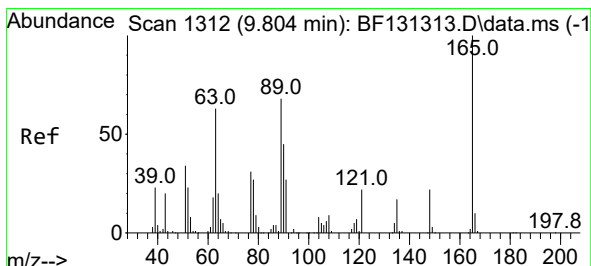
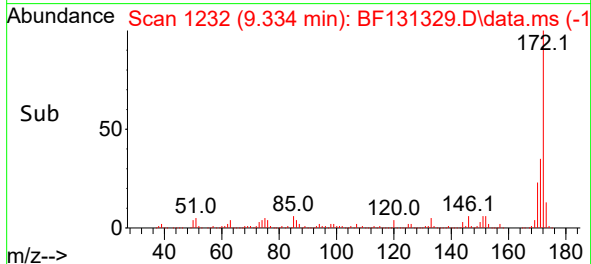
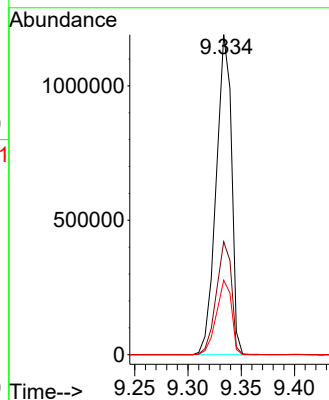
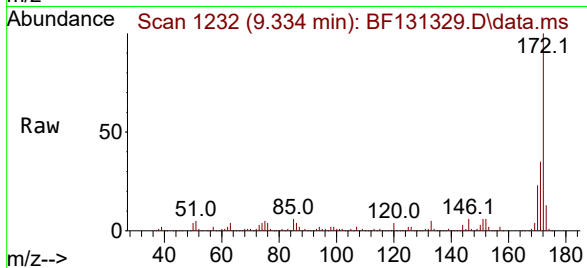
Tgt Ion:172 Resp: 1190938

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.3 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.423 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.212 min

Lab File: BF131329.D

Acq: 22 Nov 2022 14:15

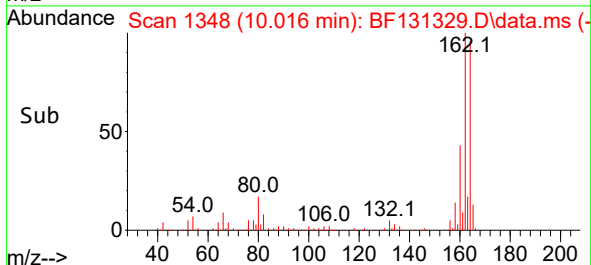
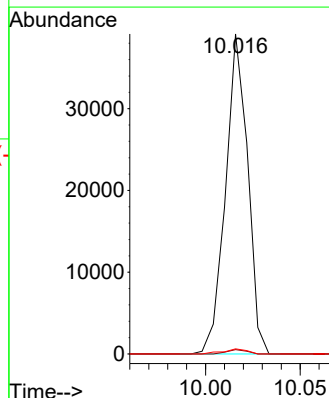
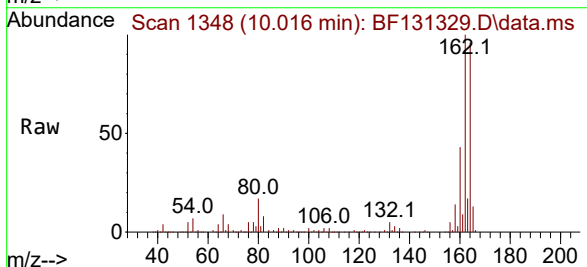
Tgt Ion:165 Resp: 31835

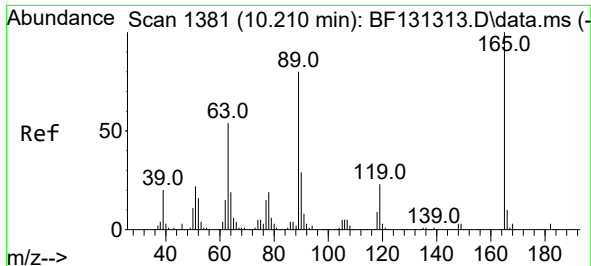
Ion Ratio Lower Upper

165 100

63 1.4 62.0 93.0#

89 1.6 54.4 81.6#

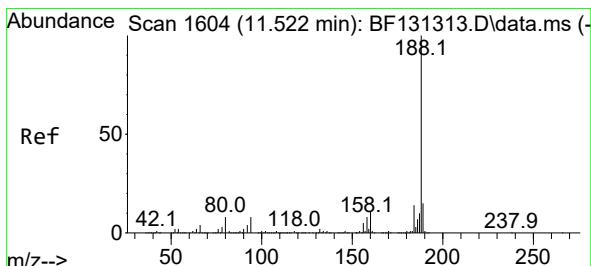
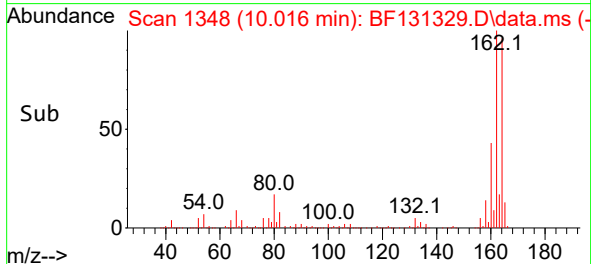
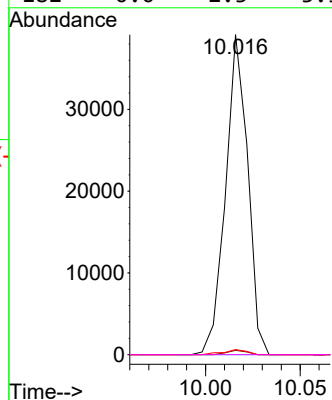
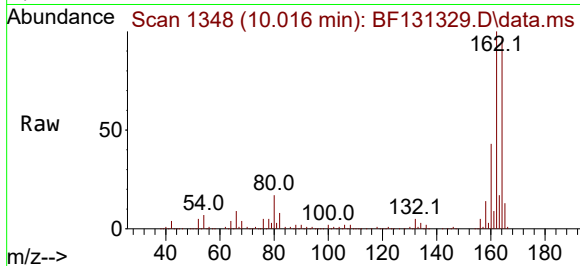




#57
2,4-Dinitrotoluene
Concen: 7.489 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

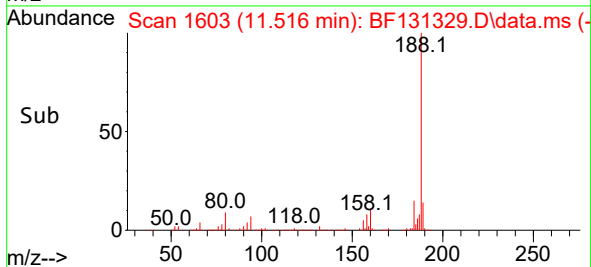
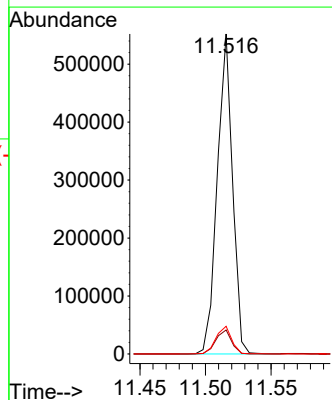
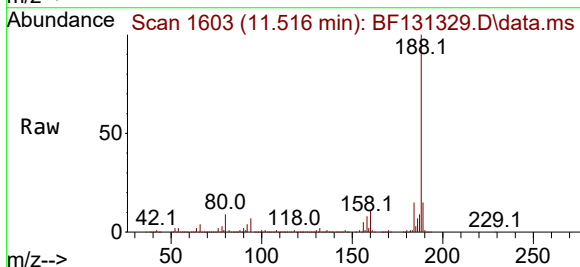
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

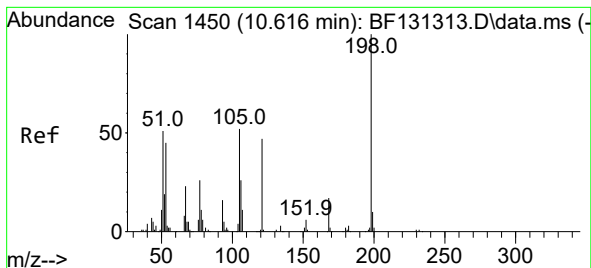
Tgt Ion:165 Resp: 31835
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.2#
89 1.6 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

Tgt Ion:188 Resp: 446043
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.7 6.8 10.2

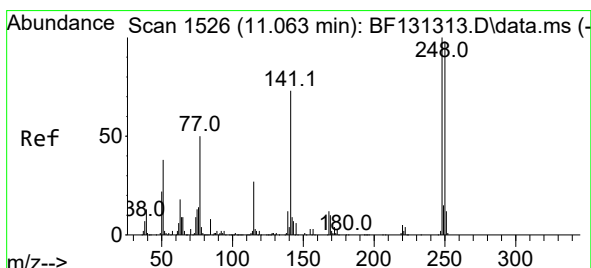
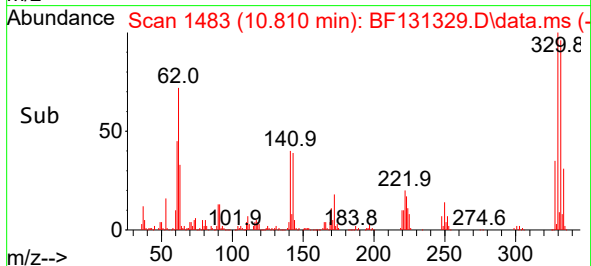
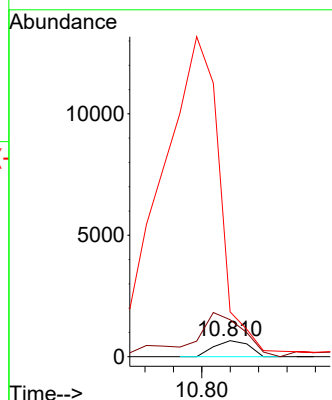
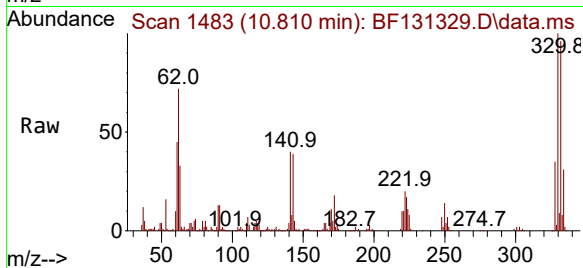




#65
4,6-Dinitro-2-methylphenol
Concen: 4.903 ng
RT: 10.810 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

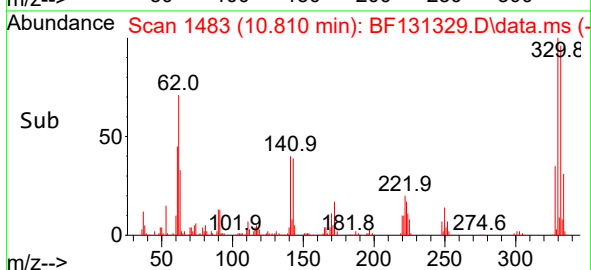
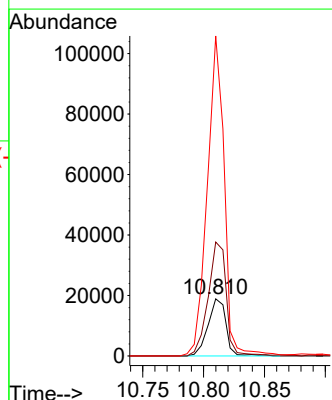
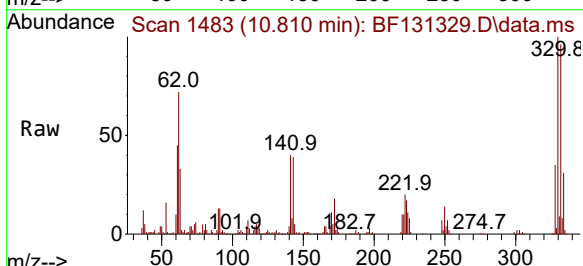
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

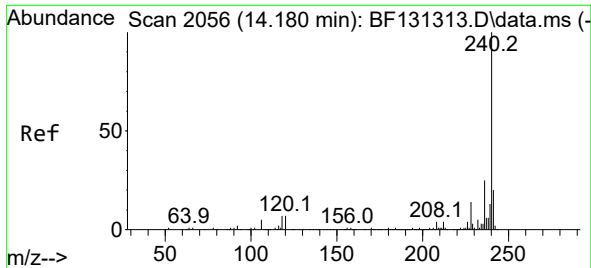
Tgt Ion:198 Resp: 563
Ion Ratio Lower Upper
198 100
51 231.0 50.1 90.1#
105 280.1 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.539 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.253 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

Tgt Ion:248 Resp: 19349
Ion Ratio Lower Upper
248 100
250 199.3 78.3 117.5#
141 559.6 58.0 87.0#

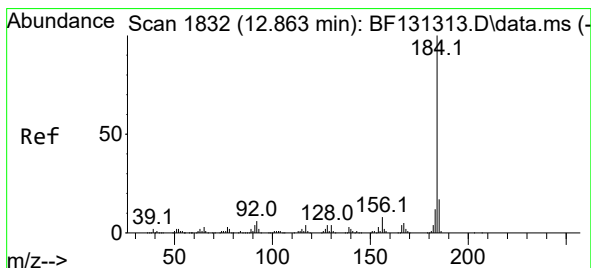
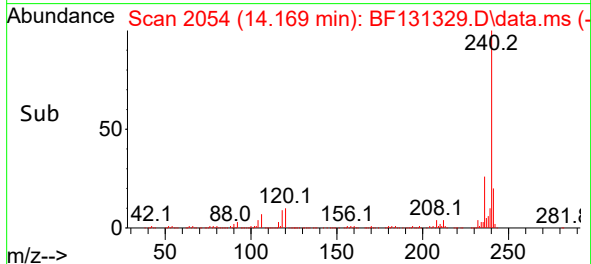
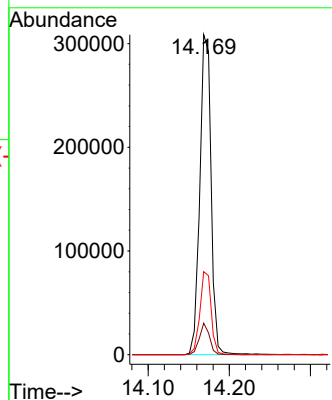
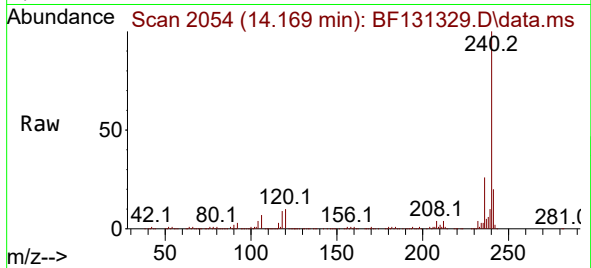




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.169 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

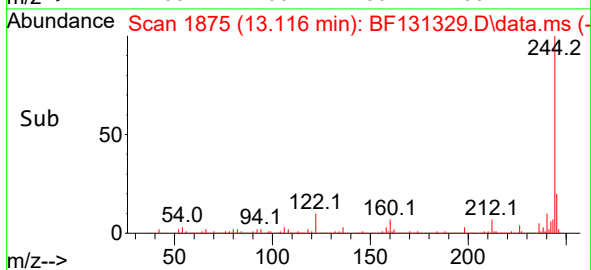
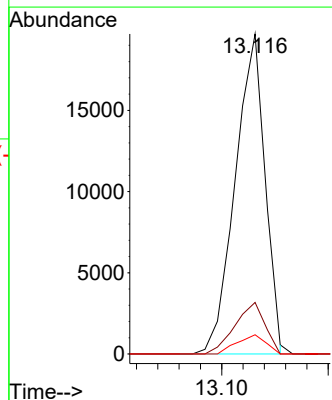
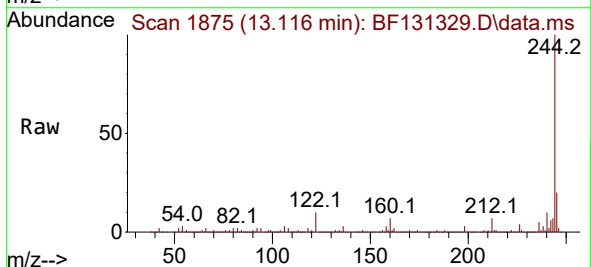
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

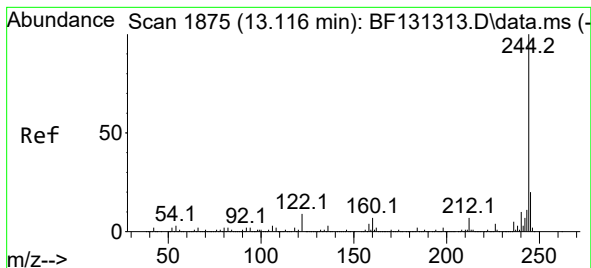
Tgt Ion:240 Resp: 298673
Ion Ratio Lower Upper
240 100
120 9.9 5.8 8.8#
236 26.0 20.3 30.5



#77
Benzidine
Concen: 3.481 ng
RT: 13.116 min Scan# 1875
Delta R.T. 0.253 min
Lab File: BF131329.D
Acq: 22 Nov 2022 14:15

Tgt Ion:184 Resp: 19204
Ion Ratio Lower Upper
184 100
185 16.1 13.8 20.8
183 6.0 9.6 14.4#





#79

Terphenyl-d14

Concen: 76.885 ng

RT: 13.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131329.D

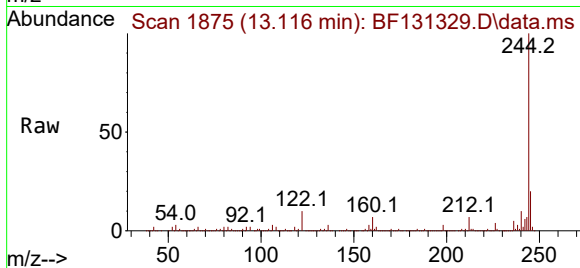
Acq: 22 Nov 2022 14:15

Instrument :

BNA_F

ClientSampleId :

PT-TRIAZINE-SOIL



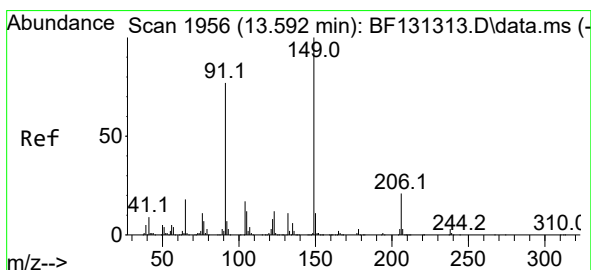
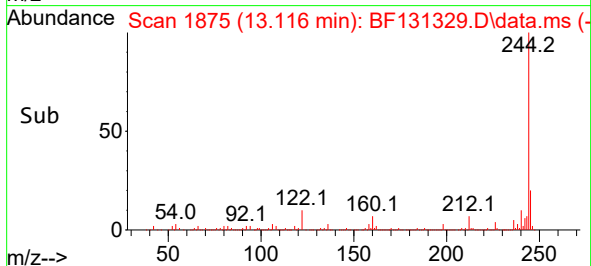
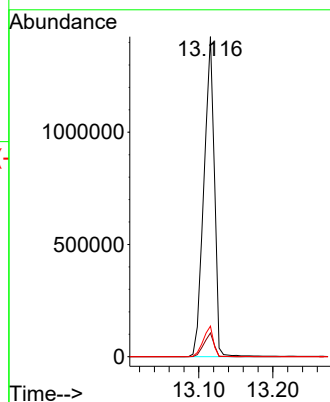
Tgt Ion:244 Resp: 1404265

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 9.6 7.5 11.3



#80

Butylbenzylphthalate

Concen: 4.165 ng

RT: 13.580 min Scan# 1954

Delta R.T. -0.012 min

Lab File: BF131329.D

Acq: 22 Nov 2022 14:15

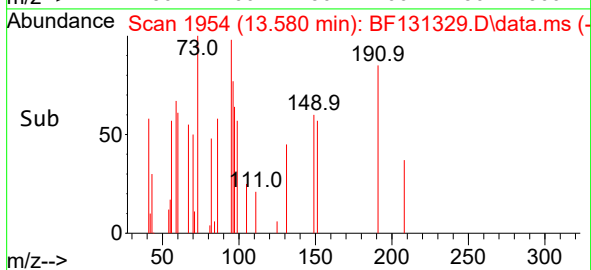
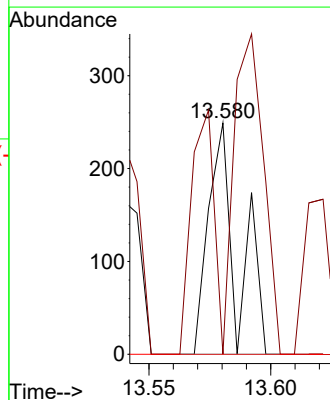
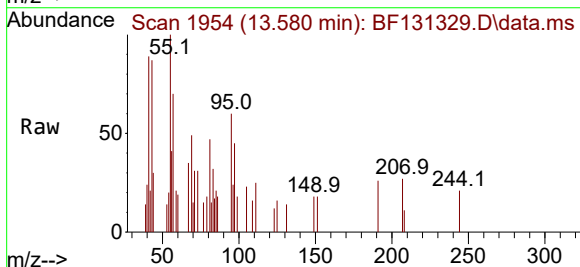
Tgt Ion:149 Resp: 205

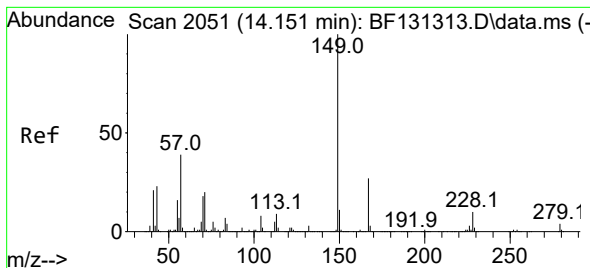
Ion Ratio Lower Upper

149 100

91 0.0 61.9 92.9#

206 0.0 16.5 24.7#

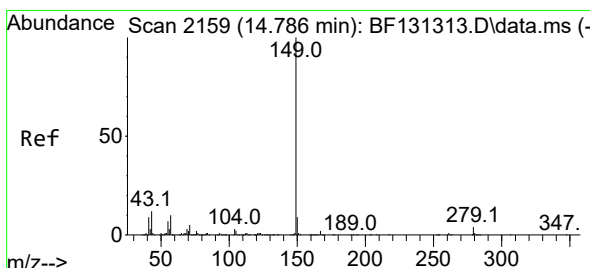
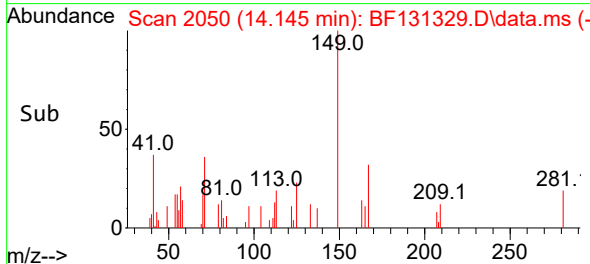
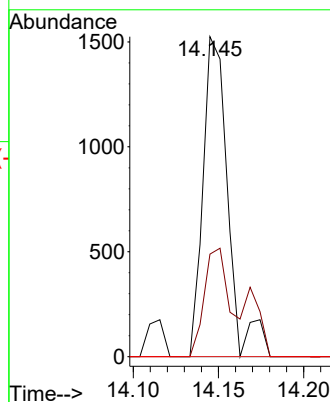
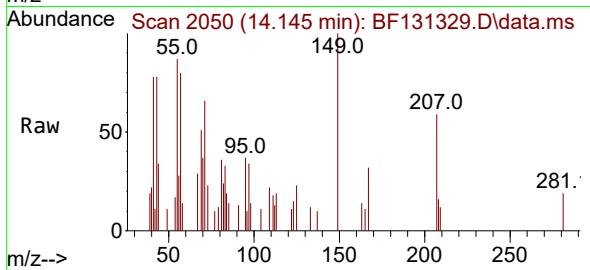




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.871 ng
 RT: 14.145 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BF131329.D
 Acq: 22 Nov 2022 14:15

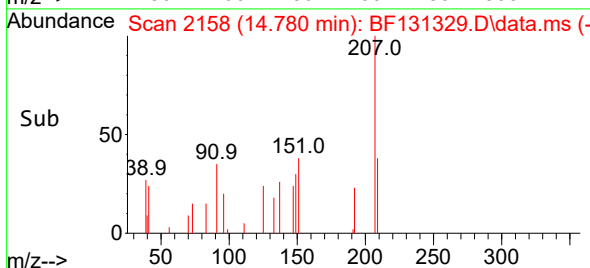
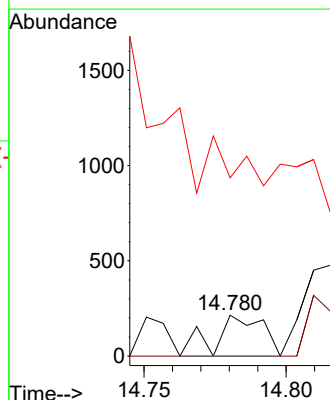
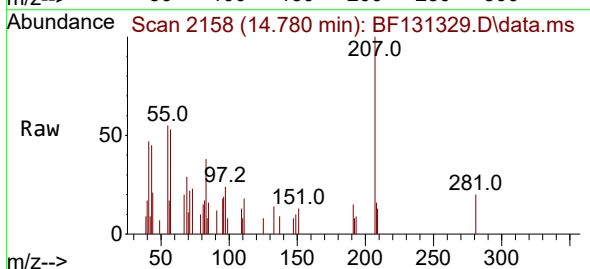
Instrument :
 BNA_F
 ClientSampleId :
 PT-TRIAZINE-SOIL

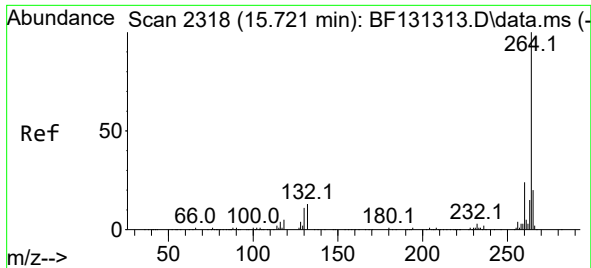
Tgt Ion:149 Resp: 1557
 Ion Ratio Lower Upper
 149 100
 167 32.1 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.919 ng
 RT: 14.780 min Scan# 2158
 Delta R.T. -0.006 min
 Lab File: BF131329.D
 Acq: 22 Nov 2022 14:15

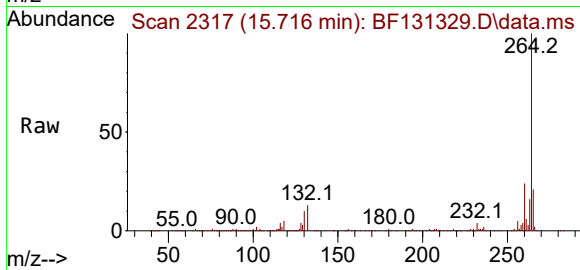
Tgt Ion:149 Resp: 254
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.716 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131329.D
 Acq: 22 Nov 2022 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PT-TRIAZINE-SOIL



Tgt Ion:264 Resp: 229934
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 20.7 16.4 24.6

