

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131474.D
 Acq On : 30 Nov 2022 16:41
 Operator : CG\JU
 Sample : N5799-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-1-STONES

Quant Time: Dec 01 01:14:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

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

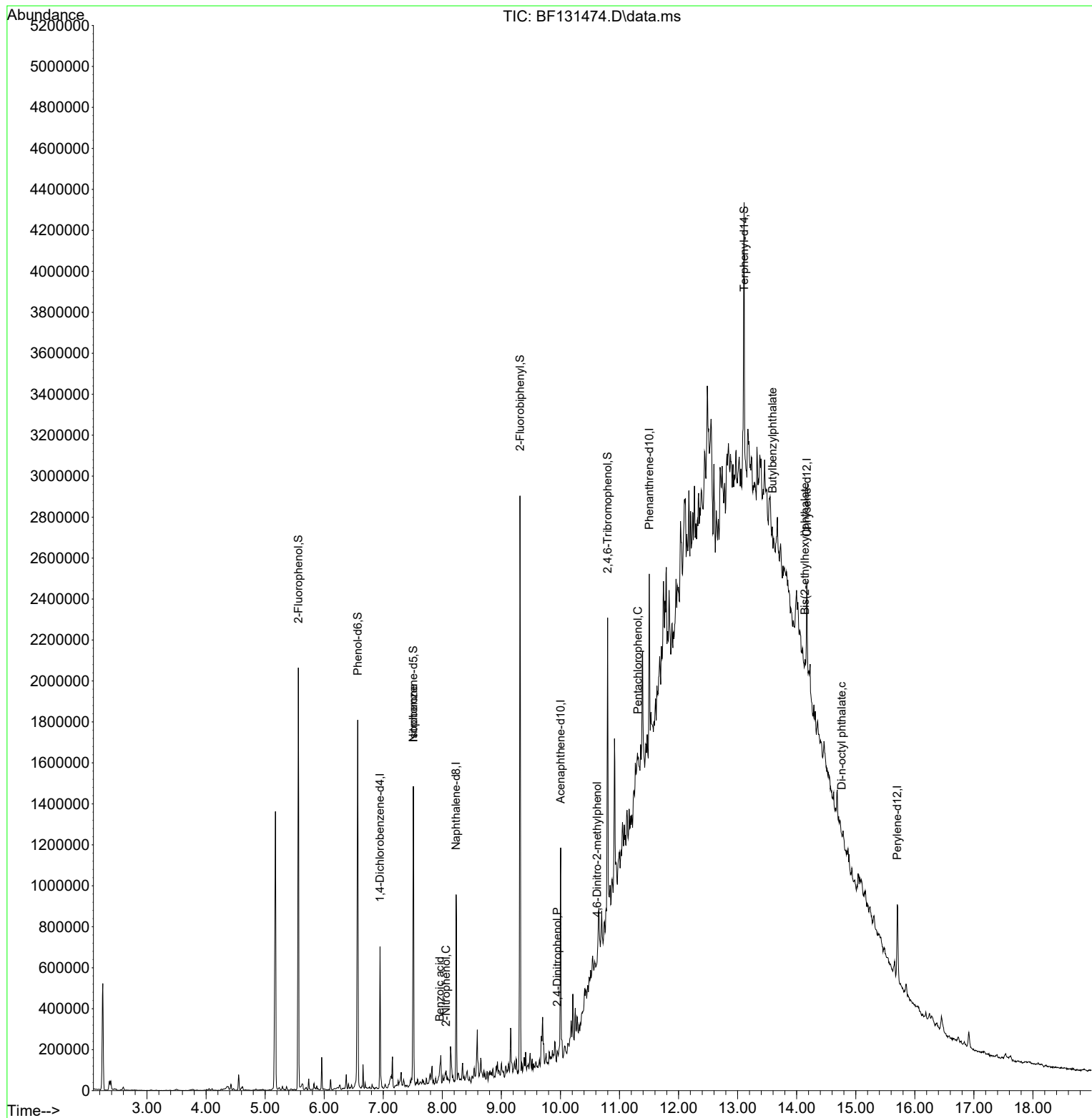
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	90403	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	390653	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	203014	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	269633	20.000	ng	# 0.00
76) Chrysene-d12	14.174	240	163054	20.000	ng	# 0.02
86) Perylene-d12	15.704	264	184806	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	530004	111.579	ng	0.00
7) Phenol-d6	6.569	99	644836	106.400	ng	0.00
23) Nitrobenzene-d5	7.510	82	477198	61.576	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	183084	107.194	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	910919	65.277	ng	0.00
79) Terphenyl-d14	13.110	244	540017	54.158	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	945	Below Cal		86
25) Isophorone	7.510	82	474232	34.299 ng	#	68
26) 2-Nitrophenol	8.063	139	57	3.607 ng	#	1
32) Benzoic acid	7.957	122	14969	10.236 ng		95
54) 2,4-Dinitrophenol	9.945	184	77	4.975 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.622	198	165	4.733 ng	#	1
70) Pentachlorophenol	11.310	266	696	5.199 ng	#	12
80) Butylbenzylphthalate	13.592	149	1576	4.441 ng	#	27
84) Bis(2-ethylhexyl)phtha...	14.139	149	25731	7.442 ng	#	85
85) Di-n-octyl phthalate	14.763	149	548	3.970 ng	#	30

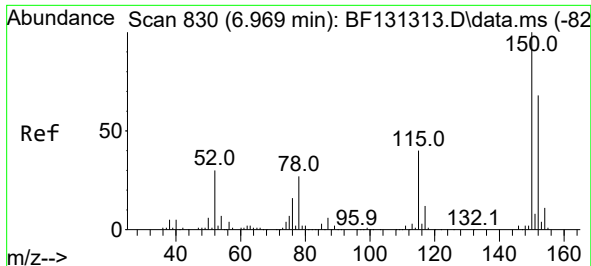
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 01:09:58 2022
Response via : Initial Calibration

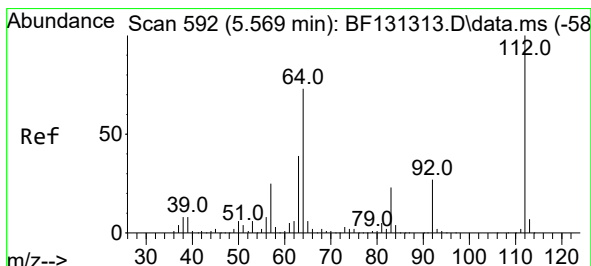
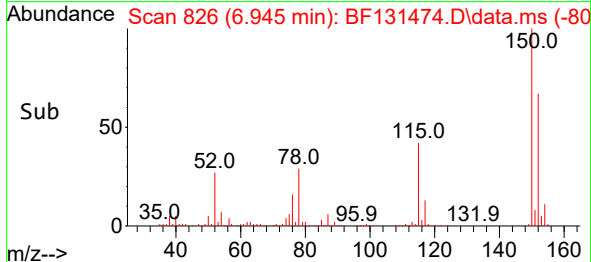
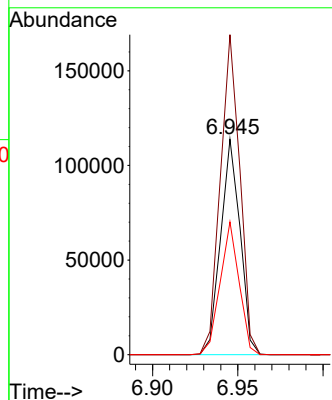
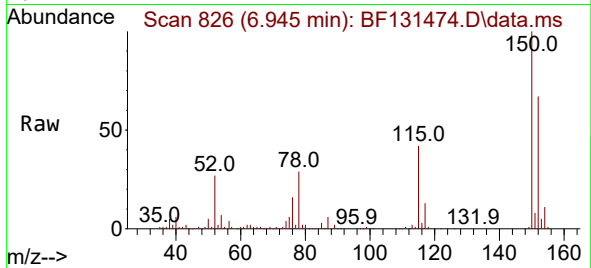




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

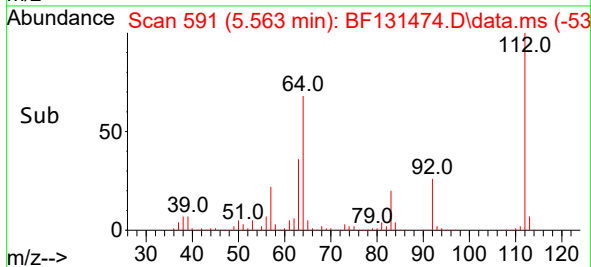
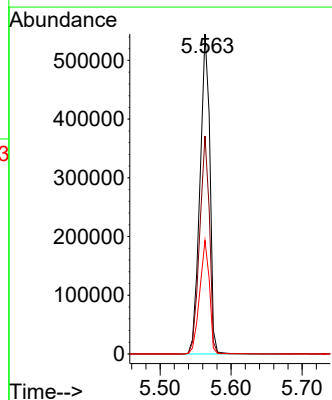
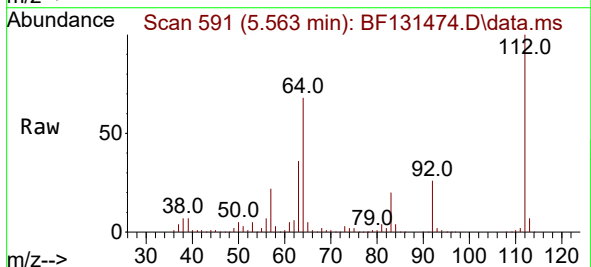
Instrument :
BNA_F
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220-1-STONES

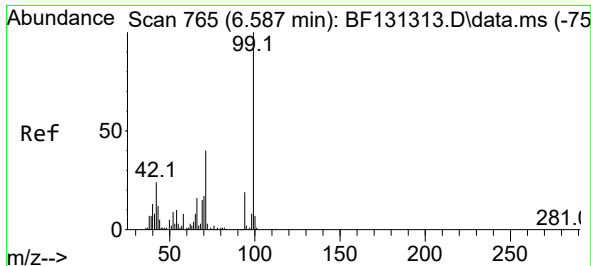
Tgt Ion:152 Resp: 90403
Ion Ratio Lower Upper
152 100
150 148.4 117.8 176.8
115 61.6 47.1 70.7



#5
2-Fluorophenol
Concen: 111.579 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

Tgt Ion:112 Resp: 530004
Ion Ratio Lower Upper
112 100
64 68.1 58.6 88.0
63 35.5 31.4 47.0

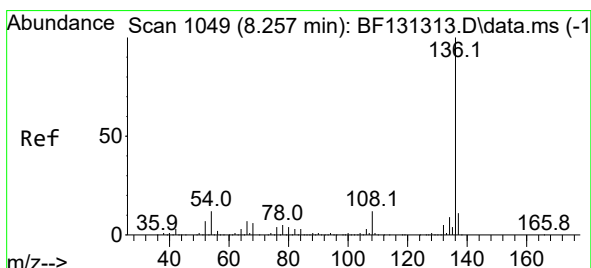
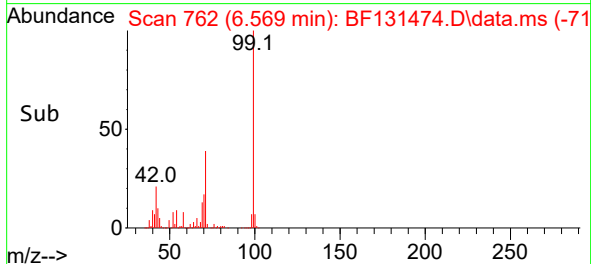
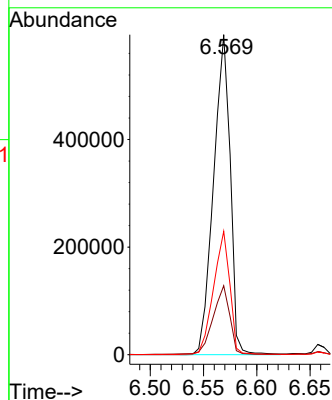
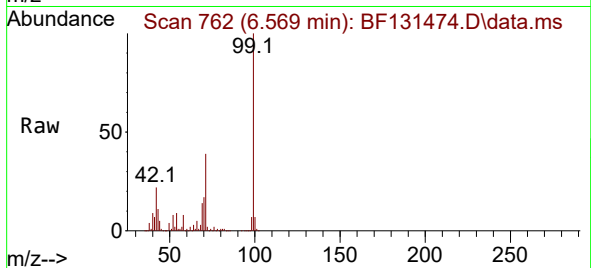




#7
Phenol-d6
Concen: 106.400 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

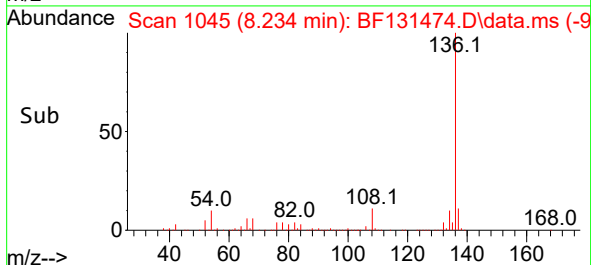
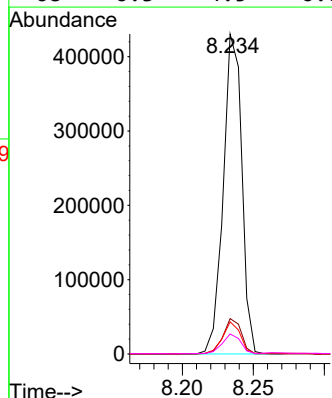
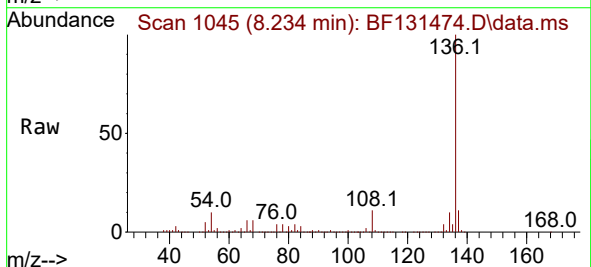
Instrument :
BNA_F
ClientSampleId :
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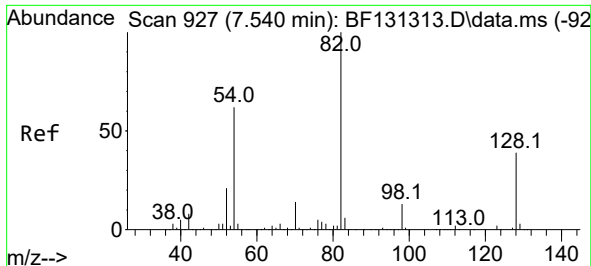
Tgt Ion: 99 Resp: 644836
Ion Ratio Lower Upper
99 100
42 21.5 19.4 29.2
71 38.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

Tgt Ion: 136 Resp: 390653
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.1 9.4 14.0
68 6.3 4.5 6.7

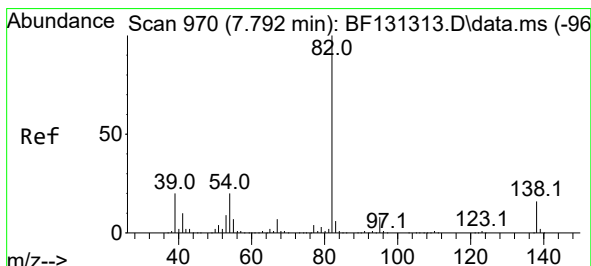
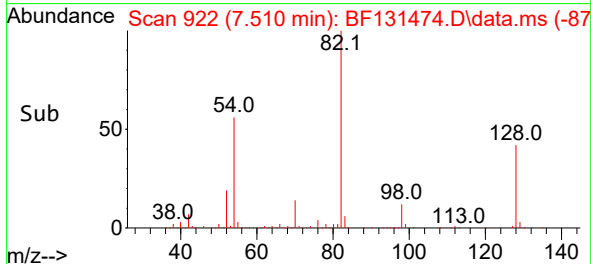
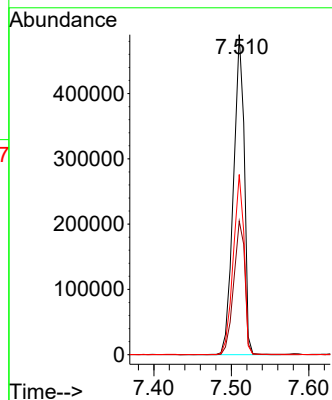
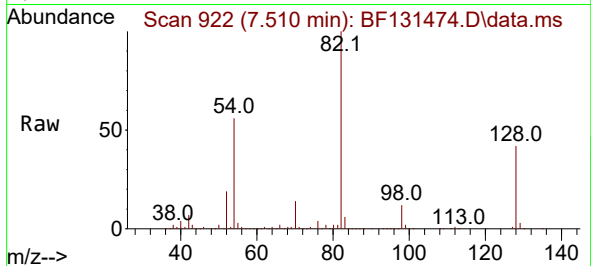




#23
Nitrobenzene-d5
Concen: 61.576 ng
RT: 7.510 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

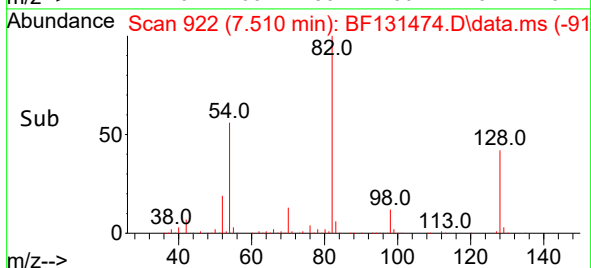
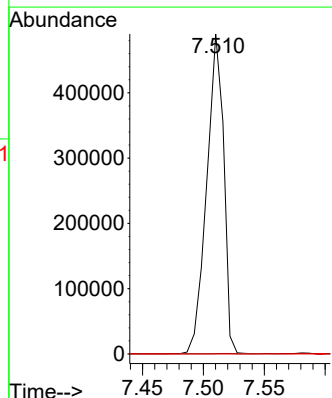
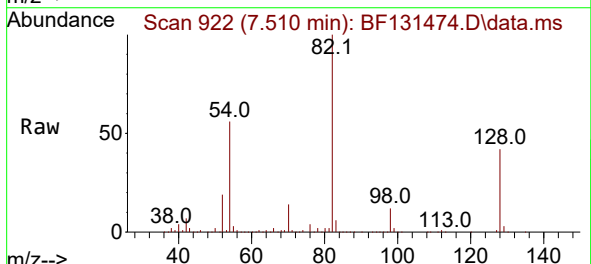
Instrument :
BNA_F
ClientSampleId :
220-1-STONES

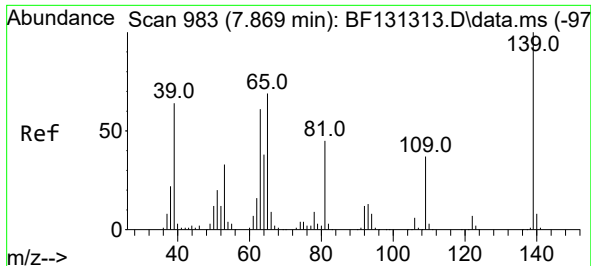
Tgt Ion: 82 Resp: 477198
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 56.3 49.8 74.6



#25
Isophorone
Concen: 34.299 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.265 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

Tgt Ion: 82 Resp: 474232
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#

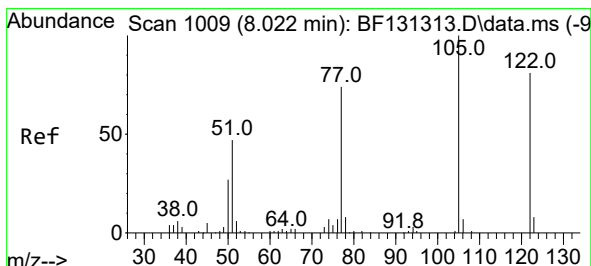
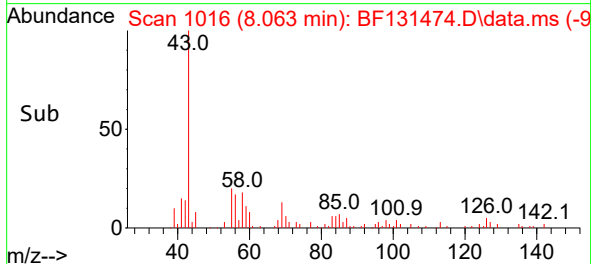
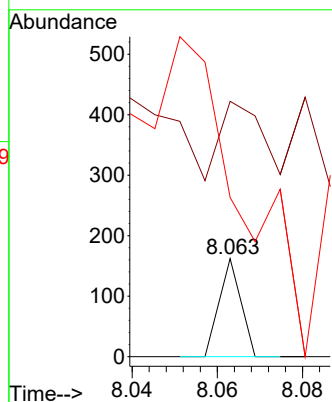
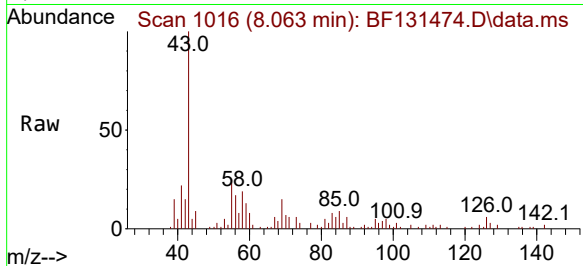




#26
2-Nitrophenol
Concen: 3.607 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.212 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

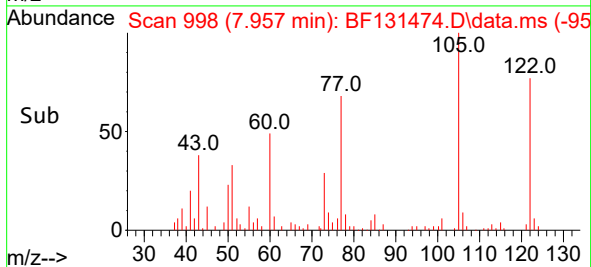
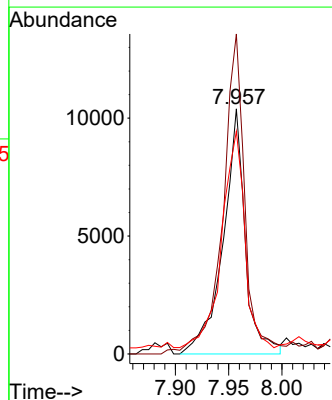
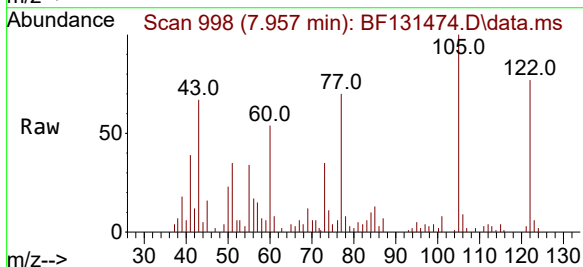
Instrument :
BNA_F
ClientSampleId :
220-1-STONES

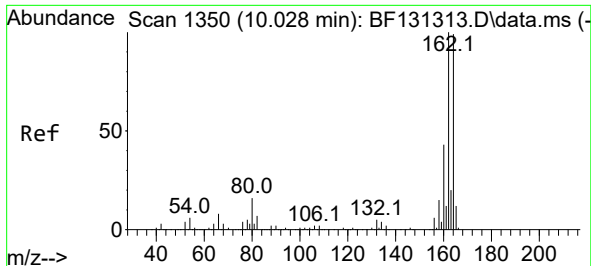
Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 260.5 29.9 44.9#
65 162.3 55.7 83.5#



#32
Benzoic acid
Concen: 10.236 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.041 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

Tgt Ion:122 Resp: 14969
Ion Ratio Lower Upper
122 100
105 130.6 103.8 143.8
77 90.8 74.3 114.3

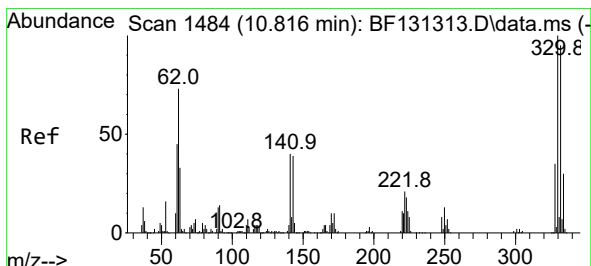
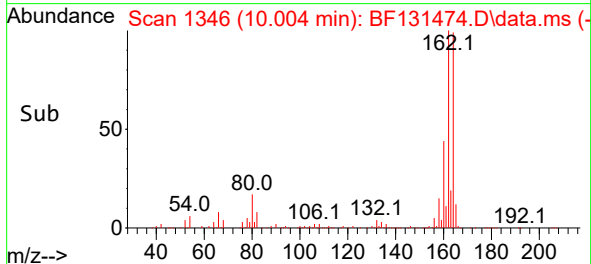
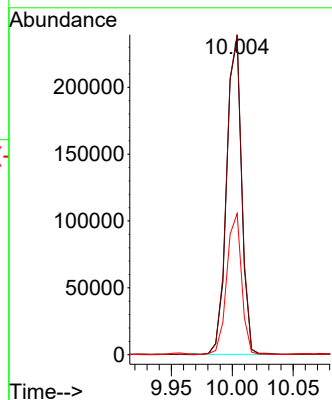
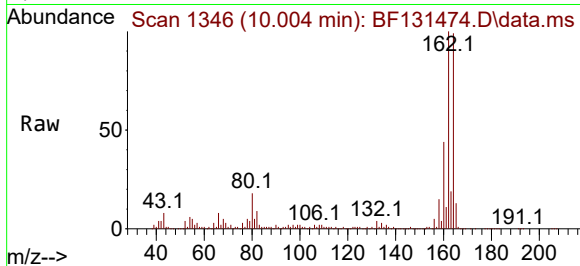




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

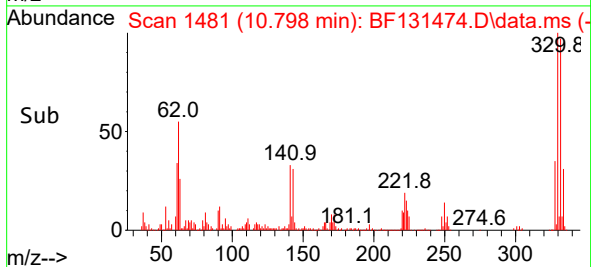
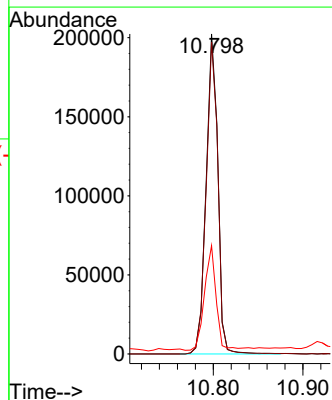
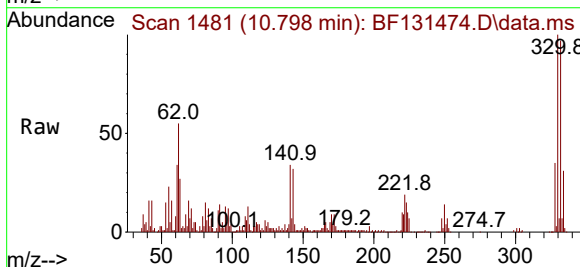
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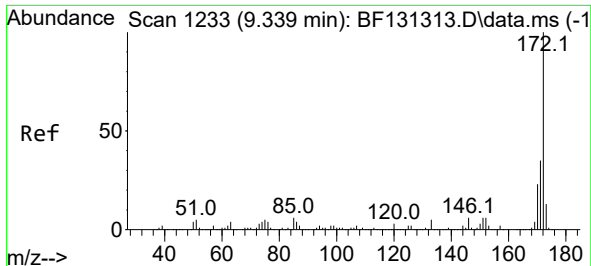
Tgt Ion:164 Resp: 203014
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.6 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 107.194 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

Tgt Ion:330 Resp: 183084
Ion Ratio Lower Upper
330 100
332 98.2 77.5 116.3
141 32.5 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 65.277 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131474.D

Acq: 30 Nov 2022 16:41

Instrument :

BNA_F

ClientSampleId :

220-1-STONES

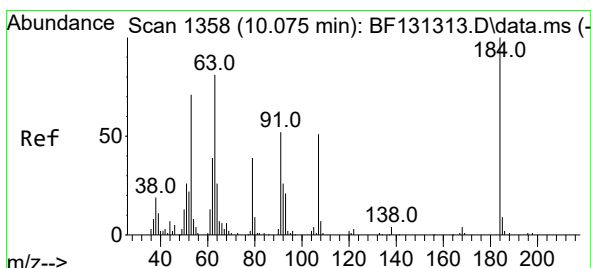
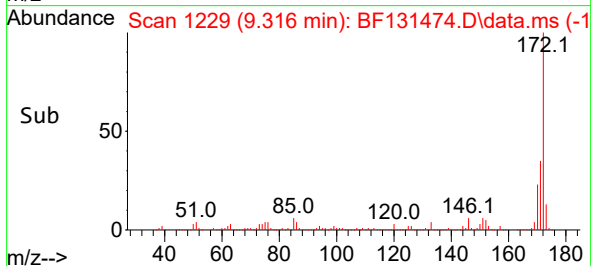
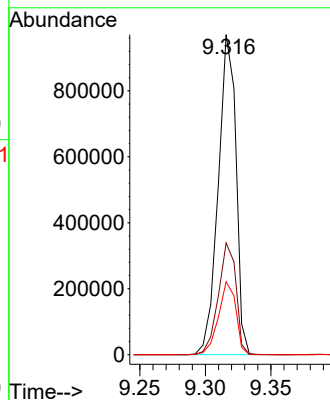
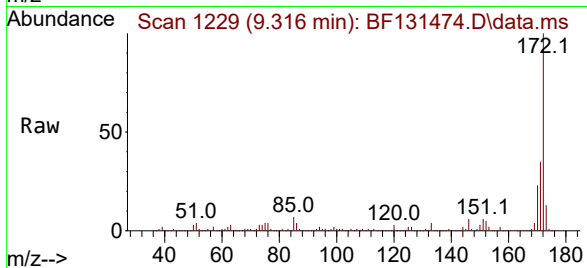
Tgt Ion:172 Resp: 910919

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 22.8 18.7 28.1



#54

2,4-Dinitrophenol

Concen: 4.975 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.118 min

Lab File: BF131474.D

Acq: 30 Nov 2022 16:41

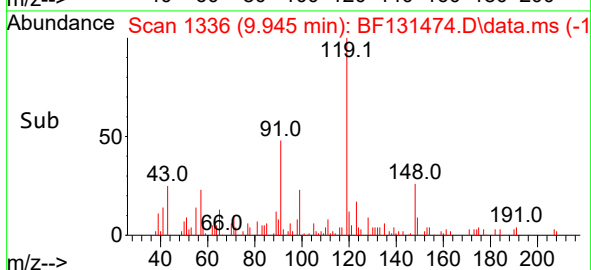
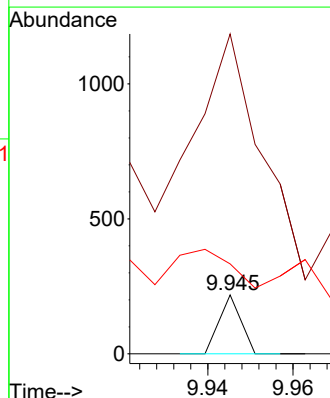
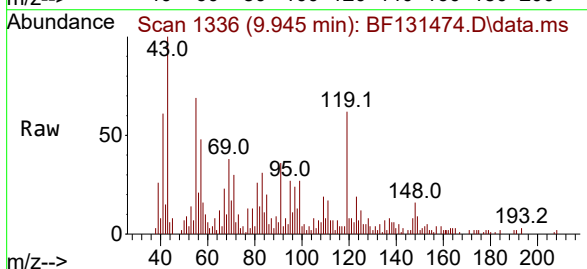
Tgt Ion:184 Resp: 77

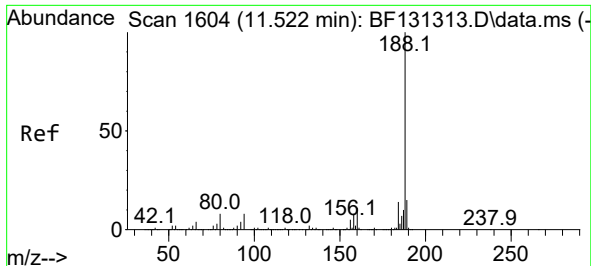
Ion Ratio Lower Upper

184 100

63 543.6 72.1 108.1#

154 152.8 56.3 84.5#

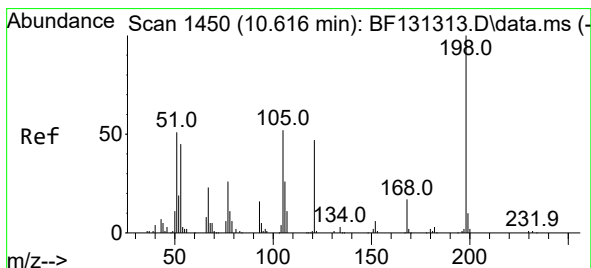
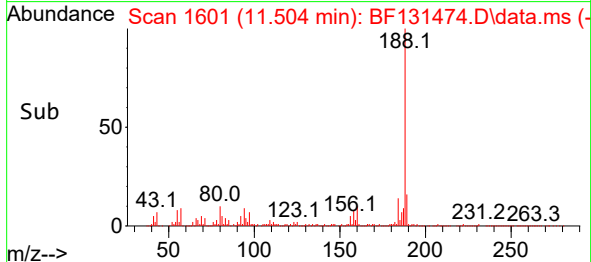
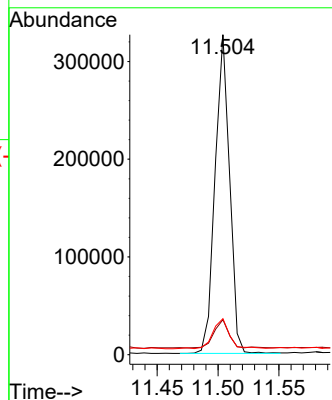
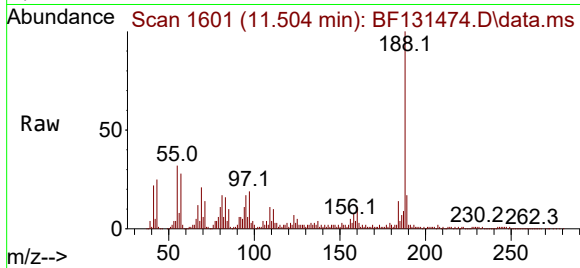




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

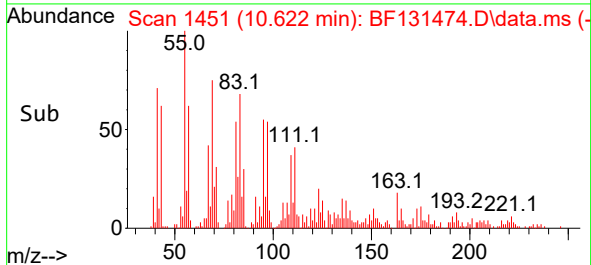
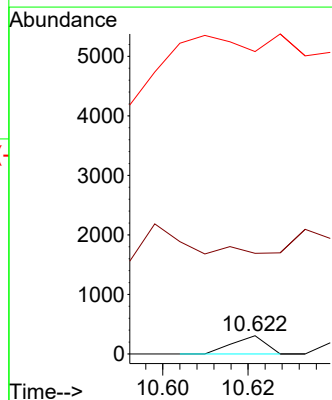
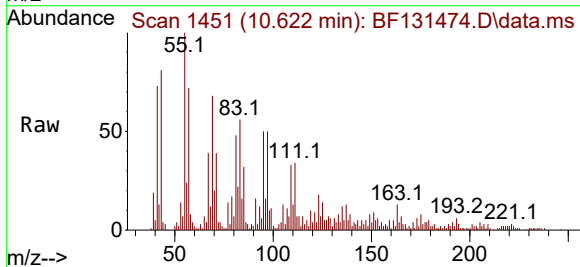
Instrument :
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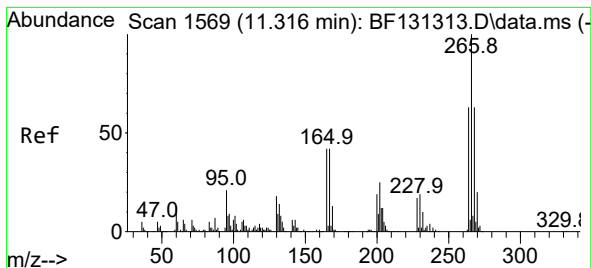
Tgt Ion:188 Resp: 269633
Ion Ratio Lower Upper
188 100
94 11.0 6.3 9.5#
80 11.3 6.8 10.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.733 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.024 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

Tgt Ion:198 Resp: 165
Ion Ratio Lower Upper
198 100
51 548.7 50.1 90.1#
105 1649.4 32.5 72.5#





#70

Pentachlorophenol

Concen: 5.199 ng

RT: 11.310 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF131474.D

Acq: 30 Nov 2022 16:41

Instrument :

BNA_F

ClientSampleId :

220-1-STONES

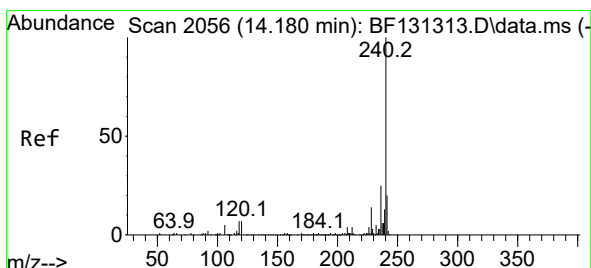
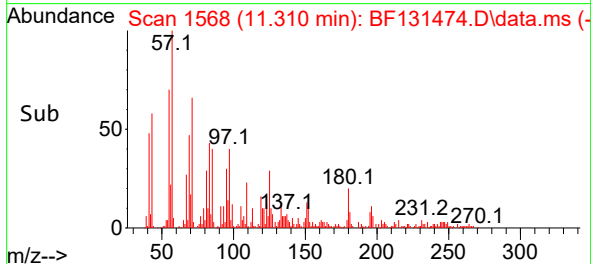
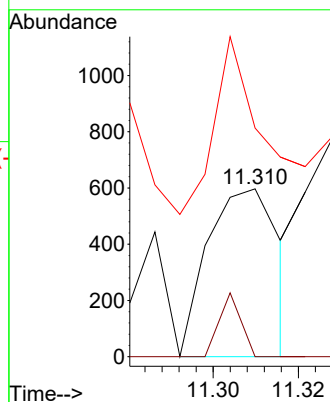
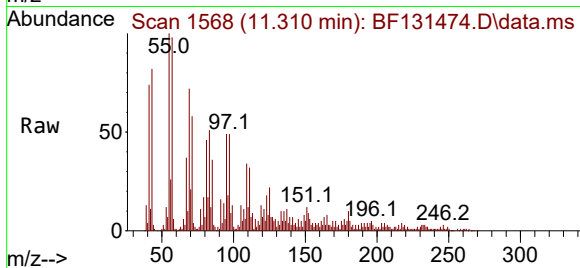
Tgt Ion:266 Resp: 696

Ion Ratio Lower Upper

266 100

268 0.0 50.6 75.8#

264 136.2 50.4 75.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.018 min

Lab File: BF131474.D

Acq: 30 Nov 2022 16:41

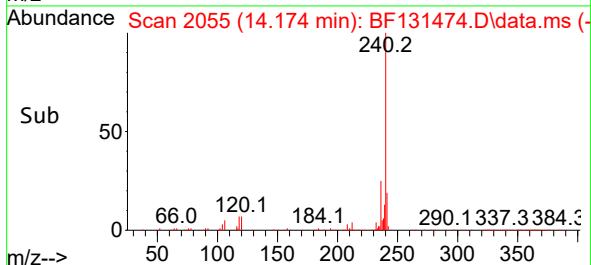
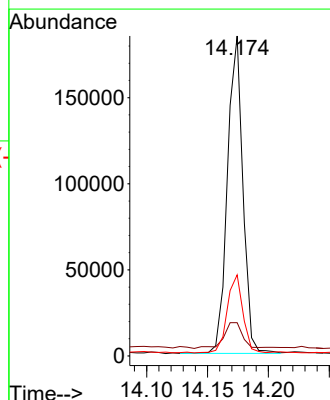
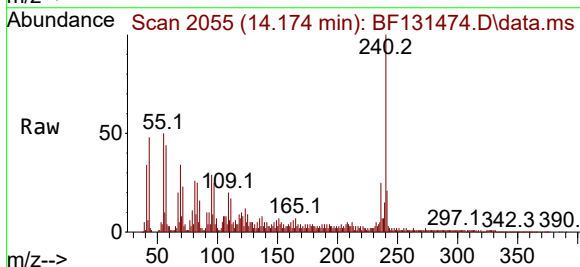
Tgt Ion:240 Resp: 163054

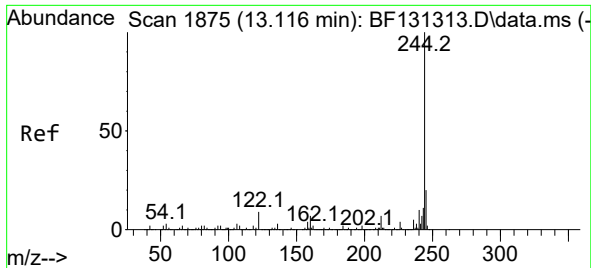
Ion Ratio Lower Upper

240 100

120 10.4 5.8 8.8#

236 25.4 20.3 30.5

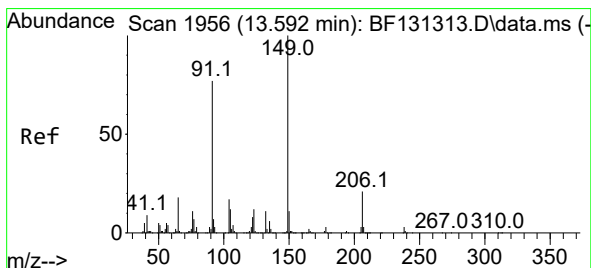
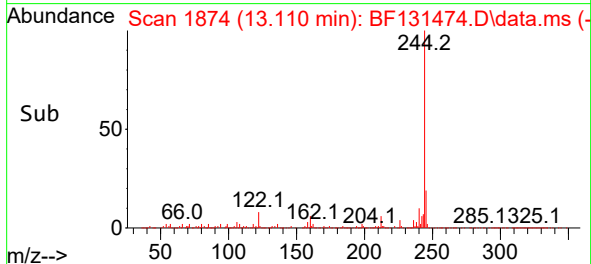
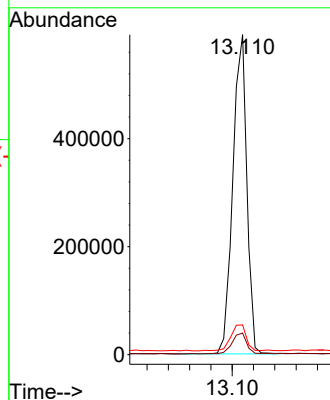
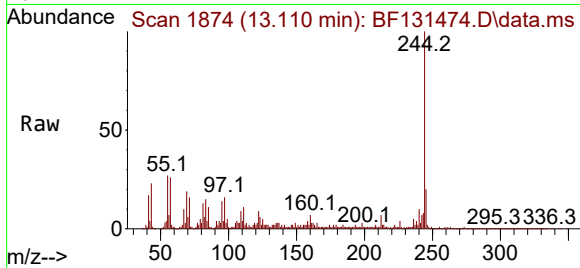




#79
 Terphenyl-d14
 Concen: 54.158 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. 0.012 min
 Lab File: BF131474.D
 Acq: 30 Nov 2022 16:41

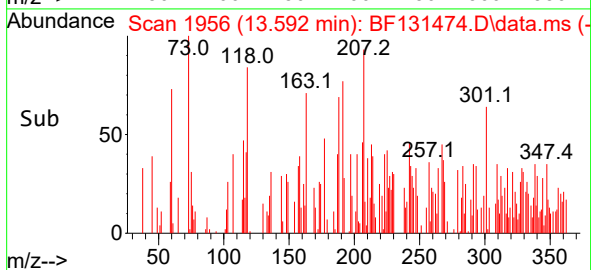
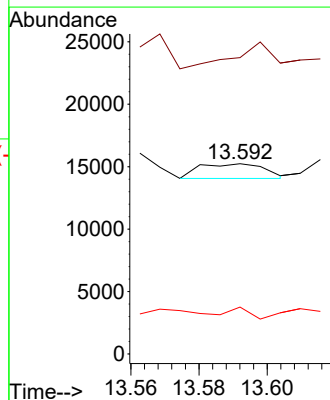
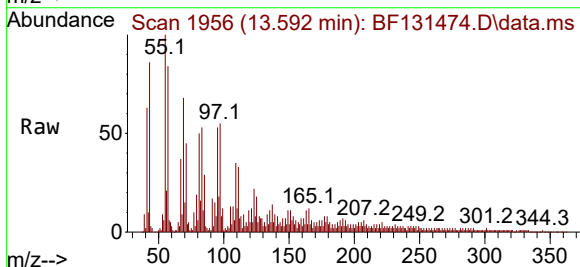
Instrument :
 BNA_F
 ClientSampleId :
 220-1-STONES

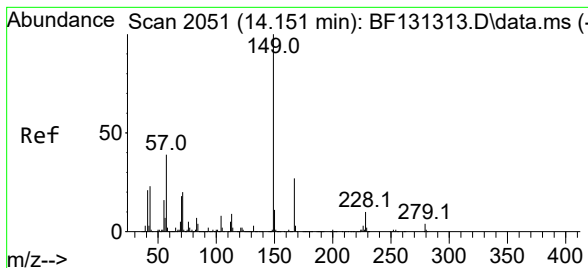
Tgt Ion:244 Resp: 540017
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.3 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.441 ng
 RT: 13.592 min Scan# 1956
 Delta R.T. 0.024 min
 Lab File: BF131474.D
 Acq: 30 Nov 2022 16:41

Tgt Ion:149 Resp: 1576
 Ion Ratio Lower Upper
 149 100
 91 155.7 61.9 92.9#
 206 24.6 16.5 24.7

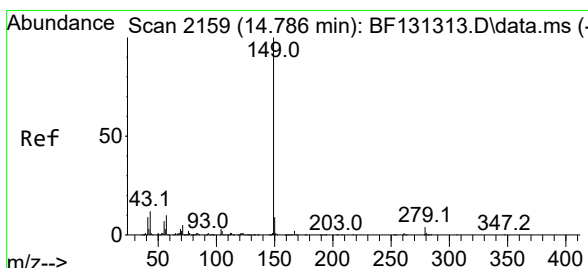
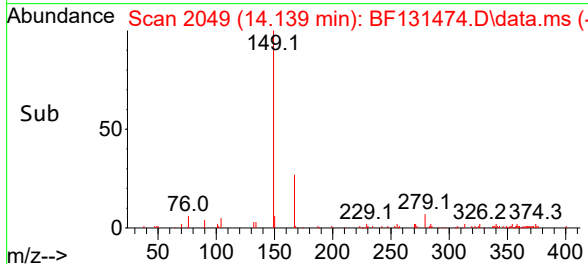
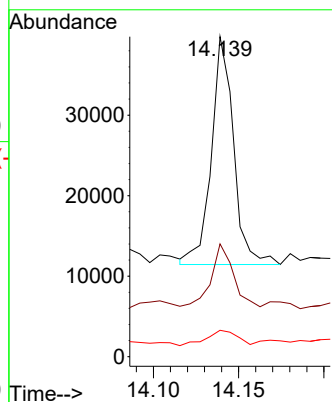
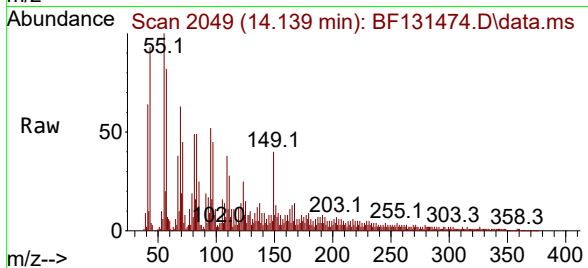




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.442 ng
 RT: 14.139 min Scan# 2049
 Delta R.T. 0.012 min
 Lab File: BF131474.D
 Acq: 30 Nov 2022 16:41

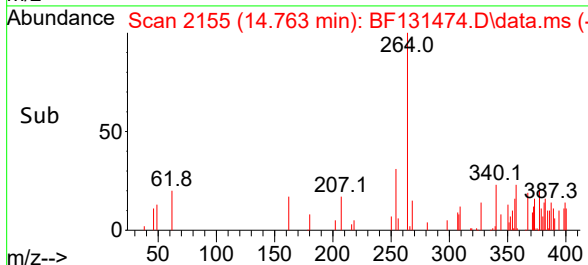
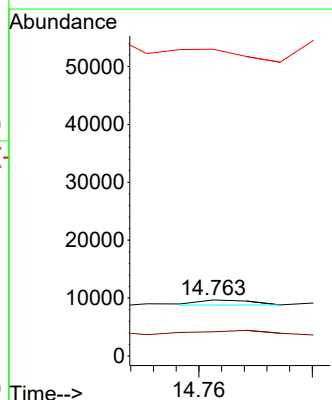
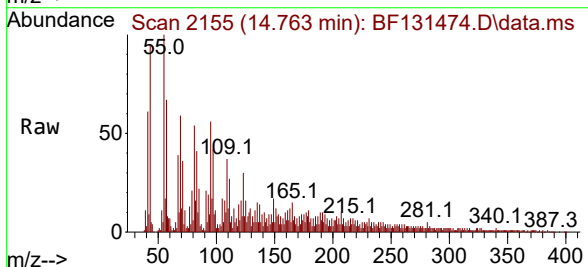
Instrument :
 BNA_F
 ClientSampleId :
 220-1-STONES

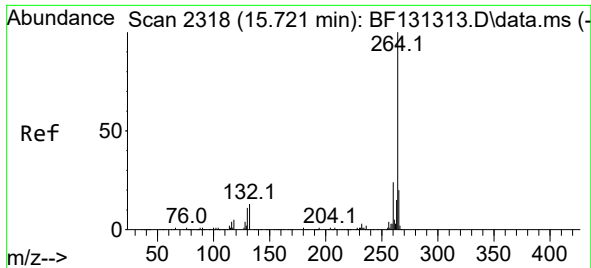
Tgt Ion:149 Resp: 25731
 Ion Ratio Lower Upper
 149 100
 167 35.3 21.9 32.9#
 279 8.3 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.970 ng
 RT: 14.763 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: BF131474.D
 Acq: 30 Nov 2022 16:41

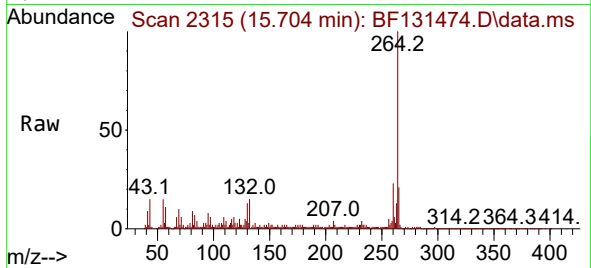
Tgt Ion:149 Resp: 548
 Ion Ratio Lower Upper
 149 100
 167 152.2 1.2 1.8#
 43 0.0 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF131474.D
Acq: 30 Nov 2022 16:41

Instrument :
BNA_F
ClientSampleId :
220-1-STONES



Tgt Ion:	264	Resp:	184806
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.0	28.4
265	21.2	16.4	24.6

