

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131538.D
 Acq On : 06 Dec 2022 21:04
 Operator : CG\JU
 Sample : N5863-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-PILE-1

Quant Time: Dec 07 03:25:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

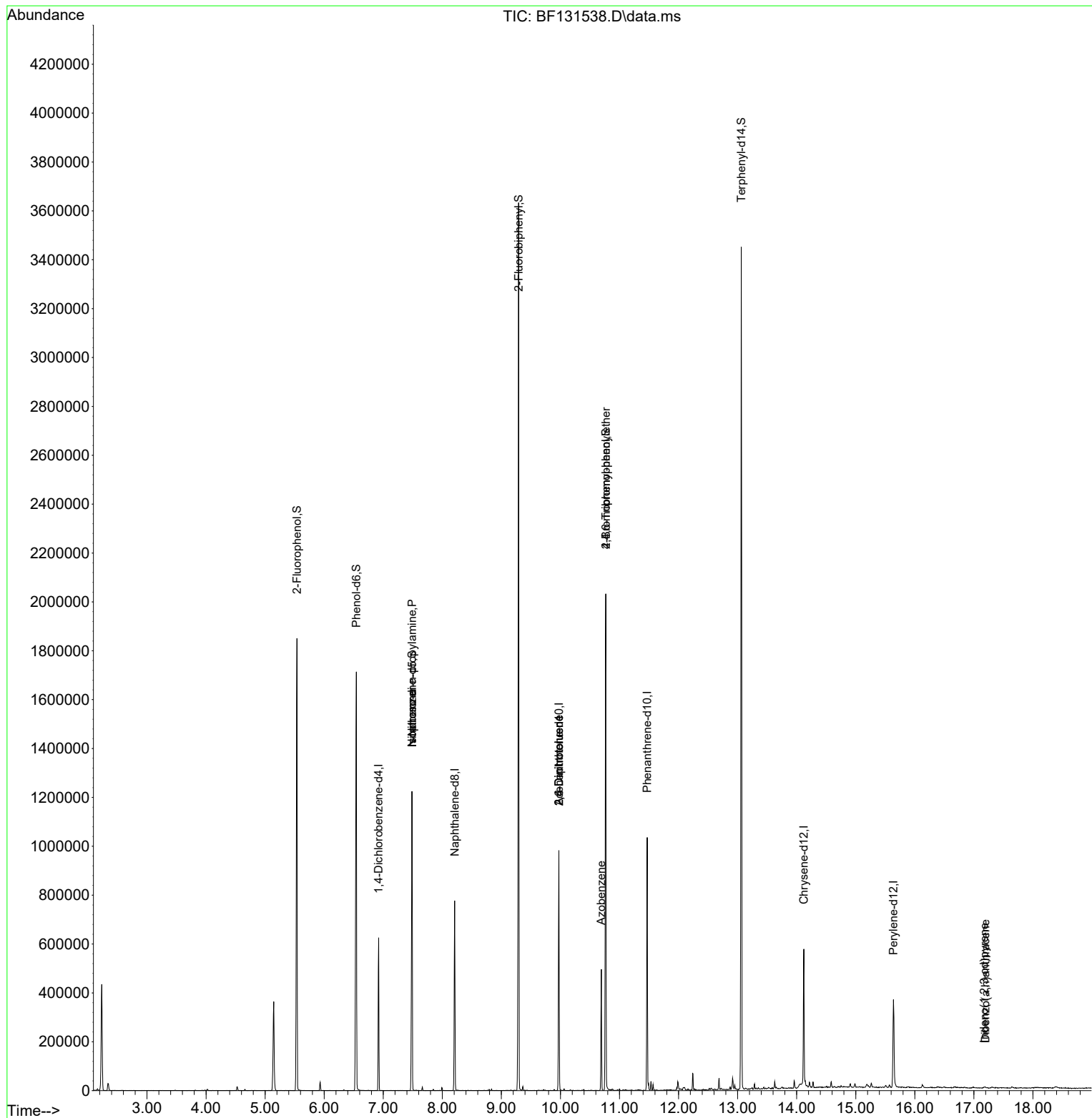
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	91130	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	330476	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	187076	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	363983	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	188906	20.000	ng	0.00
86) Perylene-d12	15.639	264	187439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	547232	102.546	ng	0.01
7) Phenol-d6	6.545	99	649499	97.465	ng	0.00
23) Nitrobenzene-d5	7.486	82	410958	57.073	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	268195	125.907	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1016924	71.311	ng	0.00
79) Terphenyl-d14	13.063	244	1208856	96.639	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	56411	12.508	ng	# 78
25) Isophorone	7.486	82	410954	36.690	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	24273	8.401	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	24273	6.403	ng	# 15
63) Azobenzene	10.692	77	71018	5.402	ng	# 1
67) 4-Bromophenyl-phenylether	10.769	248	16322	3.584	ng	# 1
77) Benzidine	13.063	184	16353	Below Cal		# 96
85) Di-n-octyl phthalate	14.721	149	421	Below Cal		# 78
87) Indeno(1,2,3-cd)pyrene	17.174	276	4572	3.316	ng	# 93
91) Dibenzo(a,h)anthracene	17.198	278	810	3.548	ng	# 58

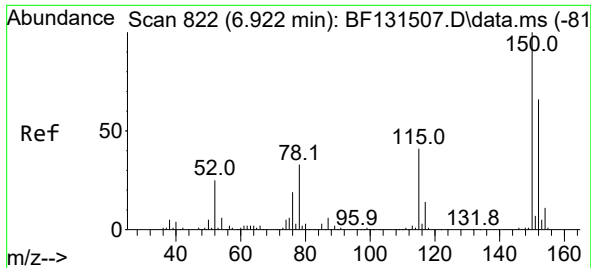
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
Data File : BF131538.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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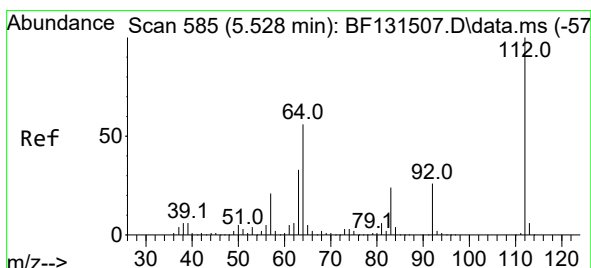
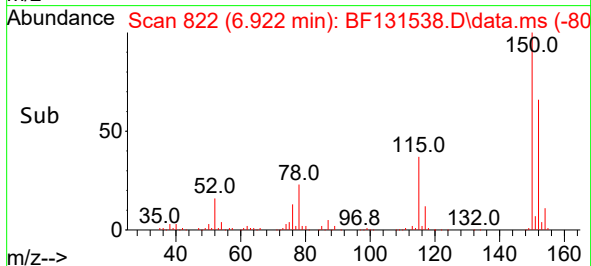
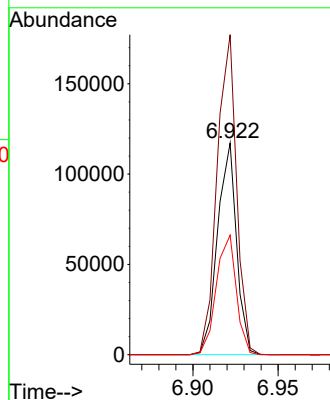
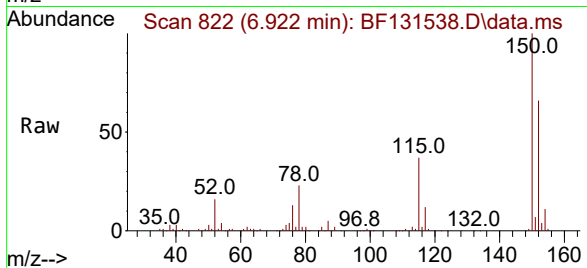




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

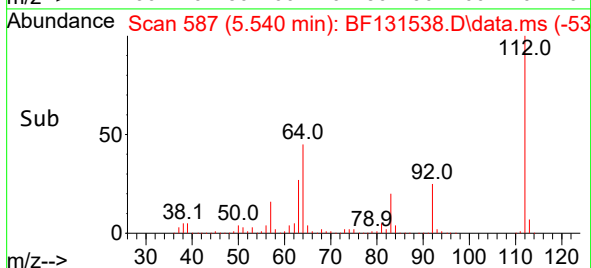
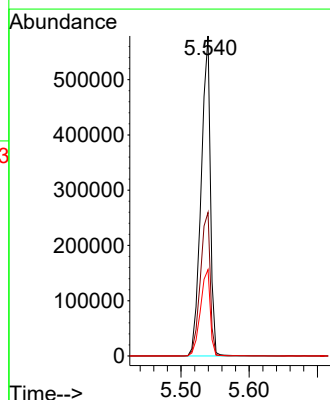
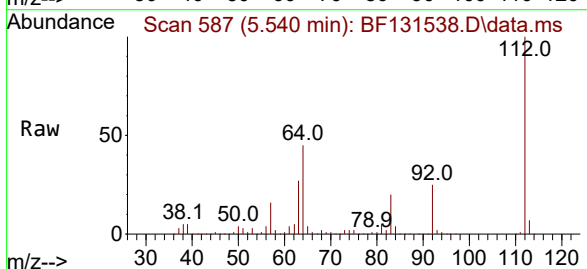
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

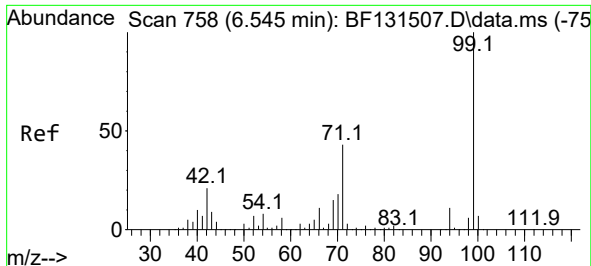
Tgt Ion:152 Resp: 91130
Ion Ratio Lower Upper
152 100
150 151.1 121.9 182.9
115 56.4 50.4 75.6



#5
2-Fluorophenol
Concen: 102.546 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion:112 Resp: 547232
Ion Ratio Lower Upper
112 100
64 44.8 44.5 66.7
63 27.0 26.7 40.1

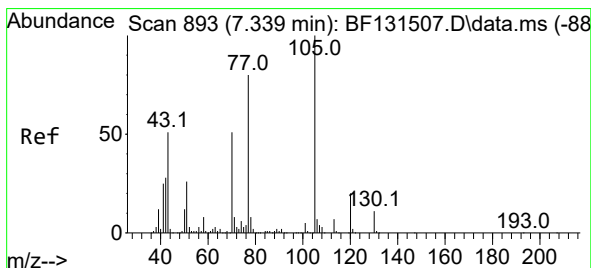
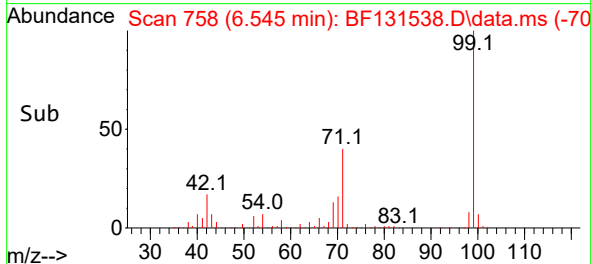
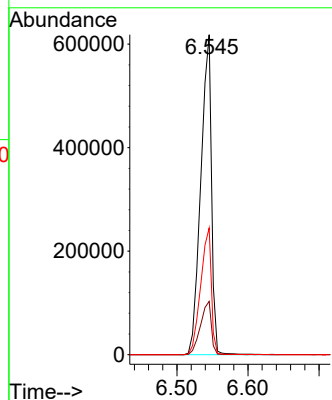
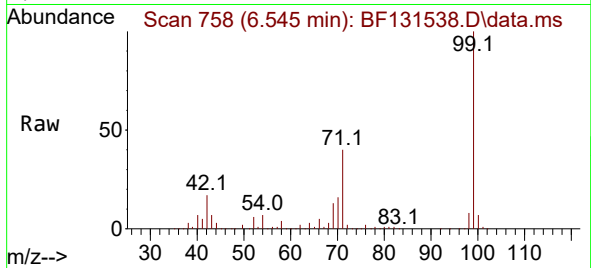




#7
Phenol-d6
Concen: 97.465 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

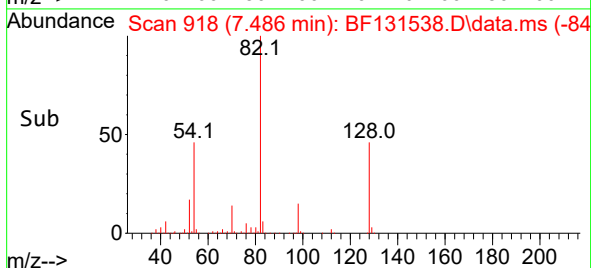
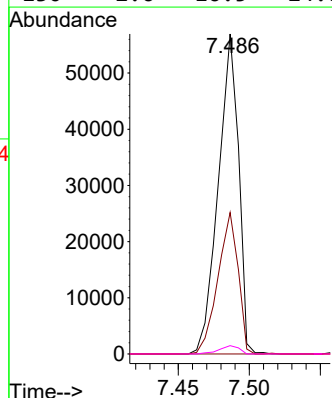
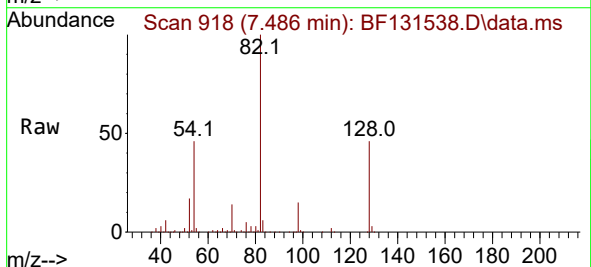
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

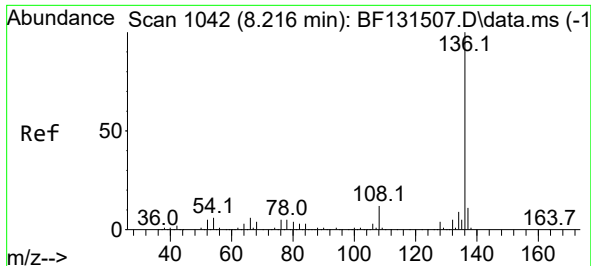
Tgt Ion: 99 Resp: 649499
Ion Ratio Lower Upper
99 100
42 16.7 16.6 25.0
71 39.6 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.508 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion: 70 Resp: 56411
Ion Ratio Lower Upper
70 100
42 44.2 44.1 66.1
101 0.0 7.7 11.5#
130 2.6 16.5 24.7#

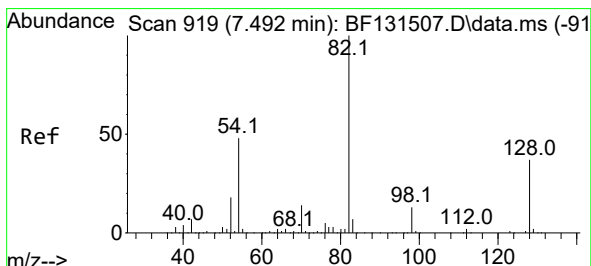
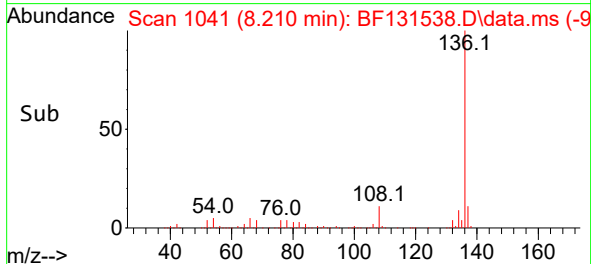
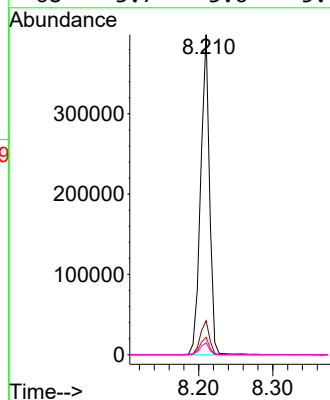
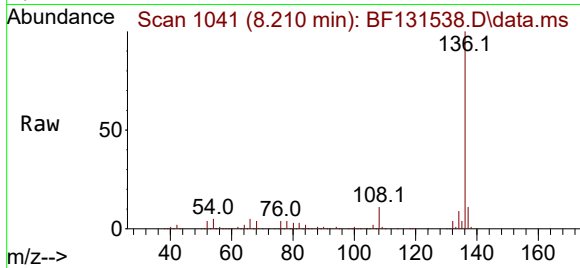




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

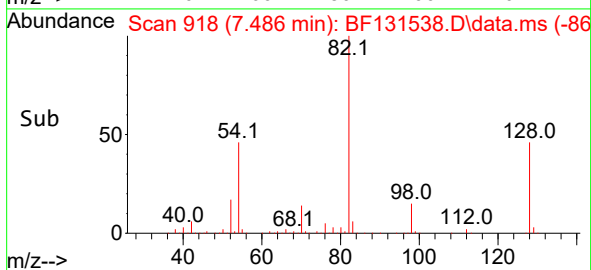
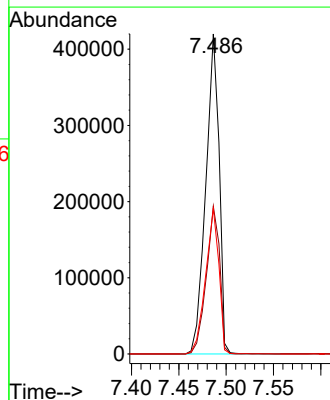
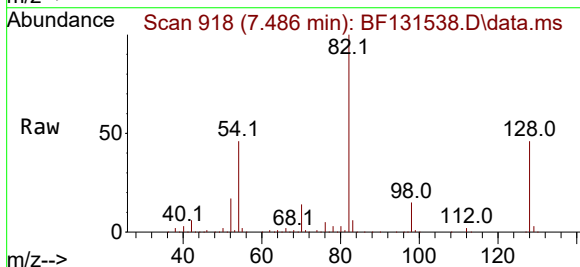
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

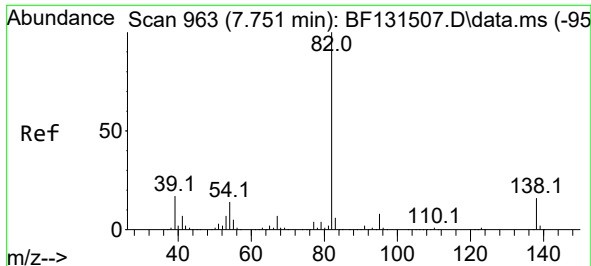
Tgt Ion:136 Resp: 330476
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 5.4 5.0 7.6
68 3.7 3.6 5.4



#23
Nitrobenzene-d5
Concen: 57.073 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion: 82 Resp: 410958
Ion Ratio Lower Upper
82 100
128 46.2 29.7 44.5#
54 45.6 38.7 58.1

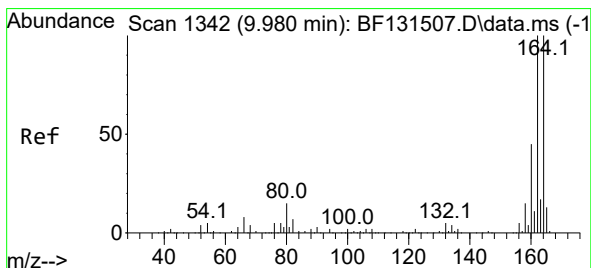
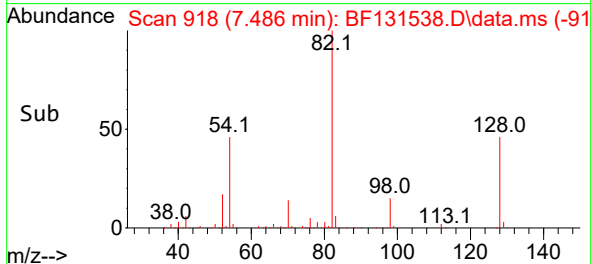
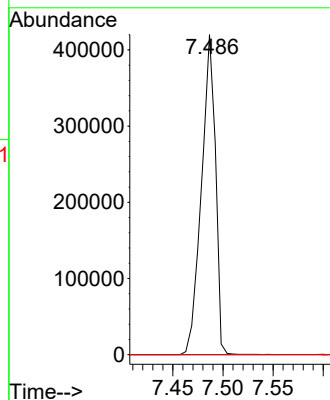
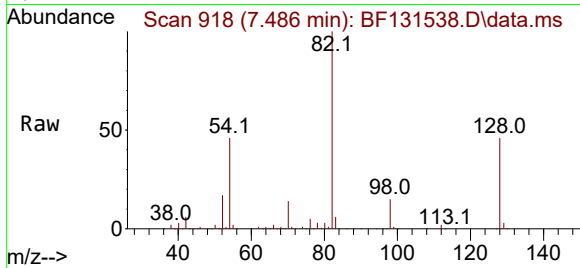




#25
Isophorone
Concen: 36.690 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

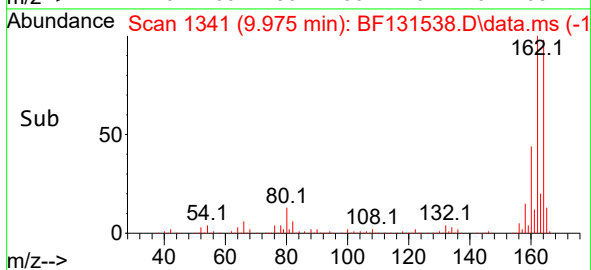
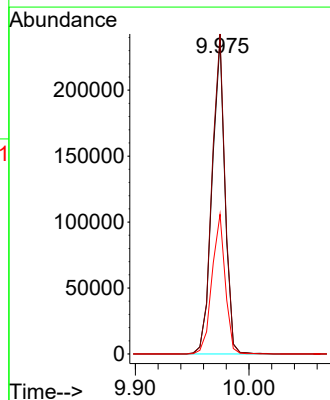
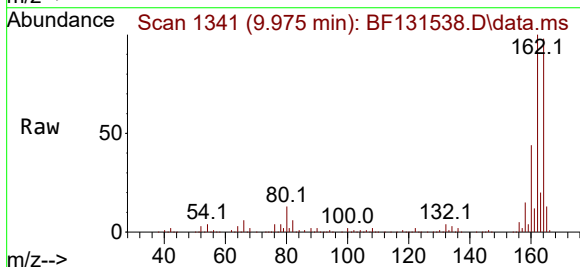
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

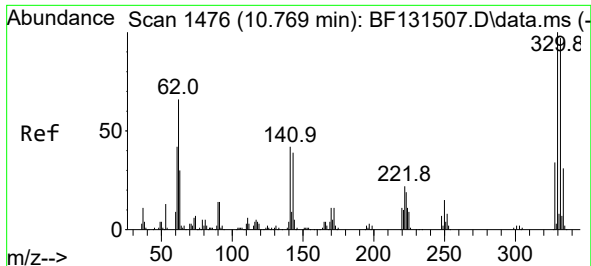
Tgt Ion: 82 Resp: 410954
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion:164 Resp: 187076
Ion Ratio Lower Upper
164 100
162 101.9 80.1 120.1
160 44.5 36.4 54.6

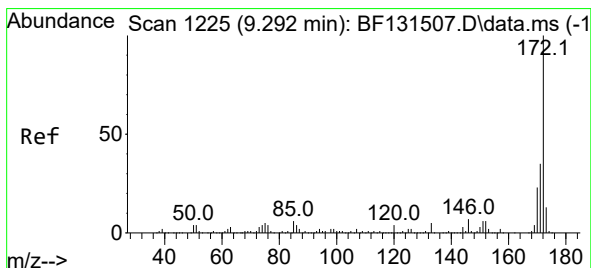
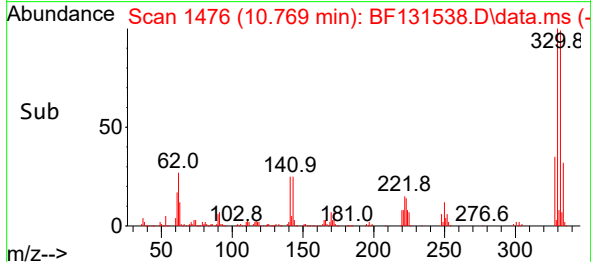
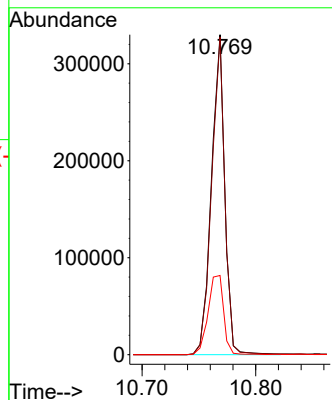
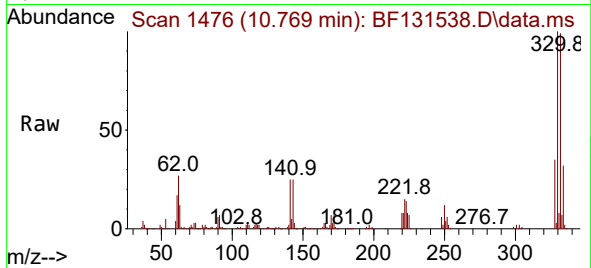




#42
2,4,6-Tribromophenol
Concen: 125.907 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

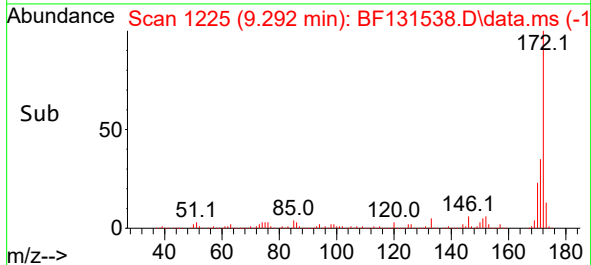
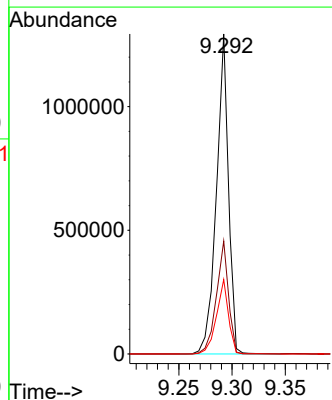
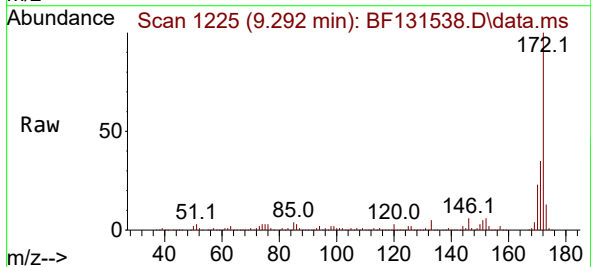
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

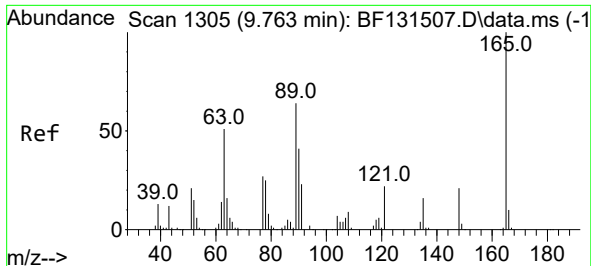
Tgt Ion: 330 Resp: 268195
Ion Ratio Lower Upper
330 100
332 98.5 78.2 117.2
141 29.0 29.1 43.7#



#45
2-Fluorobiphenyl
Concen: 71.311 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion: 172 Resp: 1016924
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.3 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.401 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.212 min

Lab File: BF131538.D

Acq: 06 Dec 2022 21:04

Instrument :

BNA_F

ClientSampleId :

SAND-PILE-1

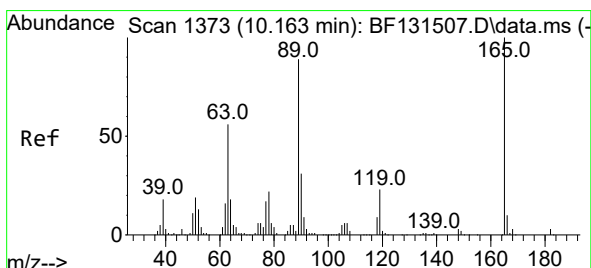
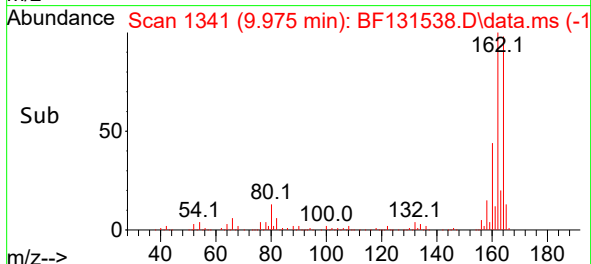
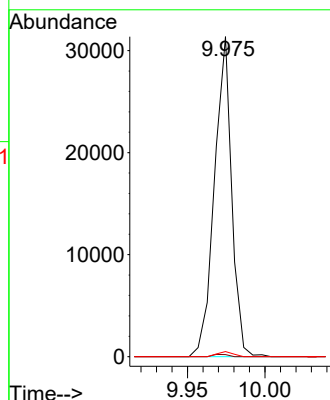
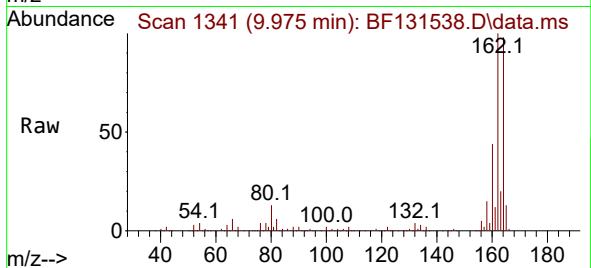
Tgt Ion:165 Resp: 24273

Ion Ratio Lower Upper

165 100

63 0.6 50.1 75.1#

89 1.6 51.3 76.9#



#57

2,4-Dinitrotoluene

Concen: 6.403 ng

RT: 9.975 min Scan# 1341

Delta R.T. -0.188 min

Lab File: BF131538.D

Acq: 06 Dec 2022 21:04

Tgt Ion:165 Resp: 24273

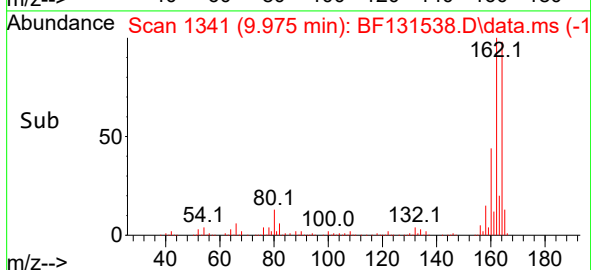
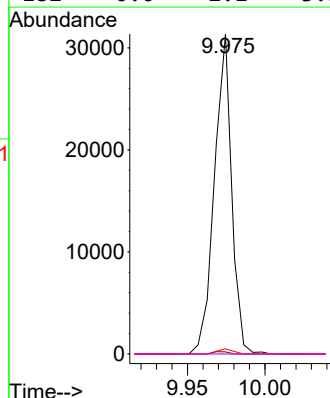
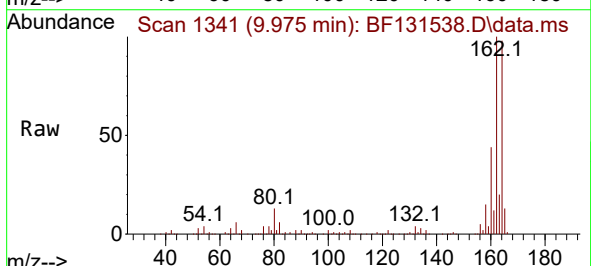
Ion Ratio Lower Upper

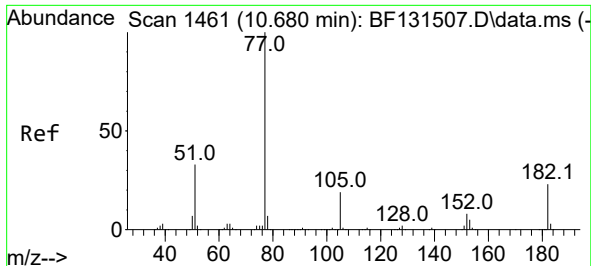
165 100

63 0.6 45.3 67.9#

89 1.6 71.0 106.4#

182 0.0 2.1 3.1#

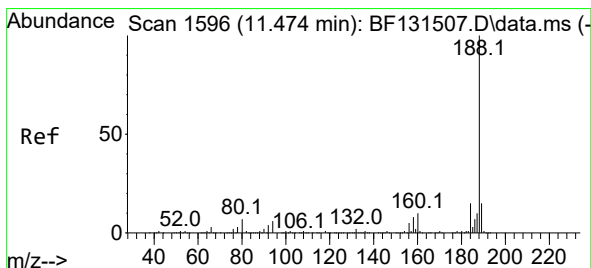
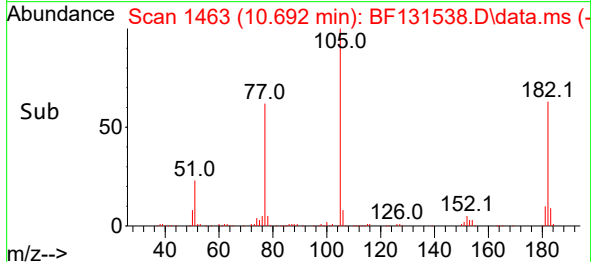
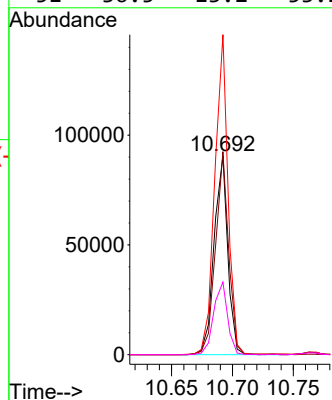
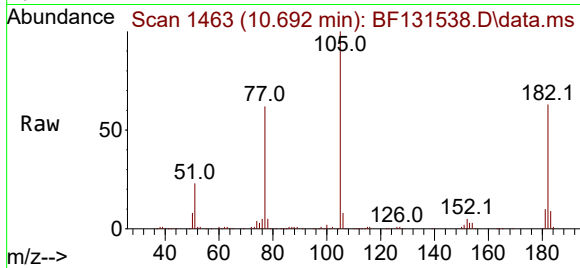




#63
Azobenzene
Concen: 5.402 ng
RT: 10.692 min Scan# 1461
Delta R.T. 0.012 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

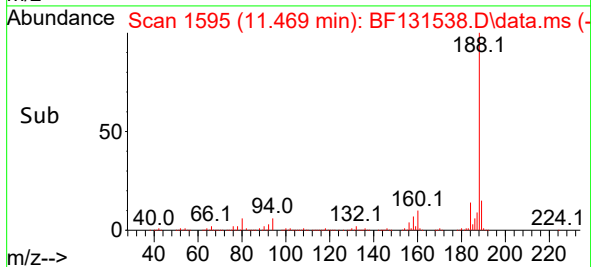
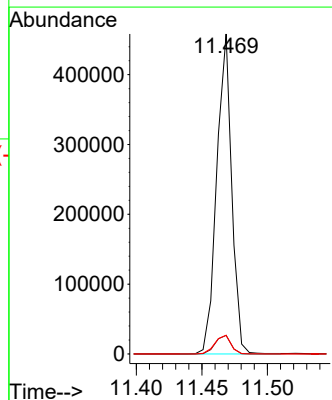
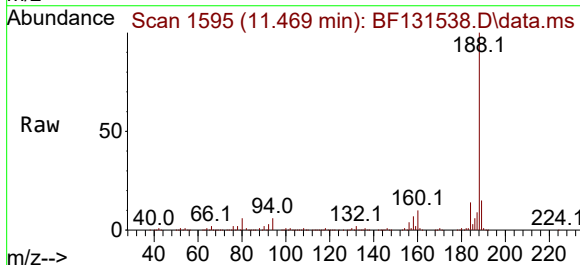
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

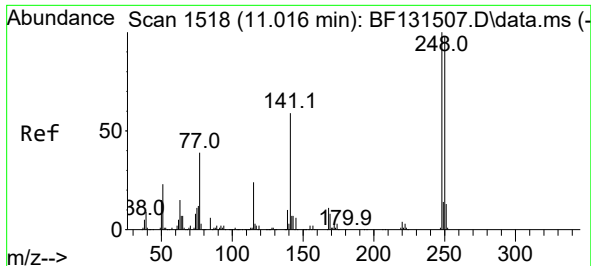
Tgt Ion: 77 Resp: 71018
Ion Ratio Lower Upper
77 100
182 102.1 2.6 42.6#
105 160.9 0.0 39.1#
51 36.5 13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion: 188 Resp: 363983
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 5.9 5.9 8.9#

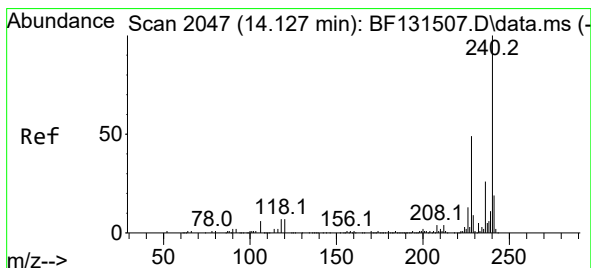
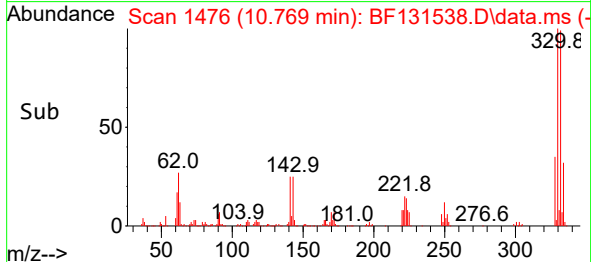
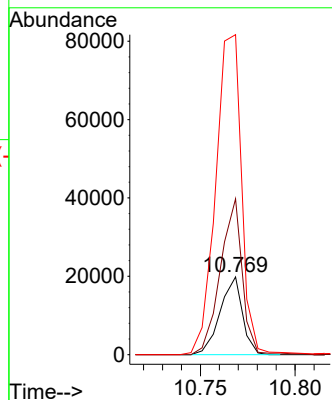
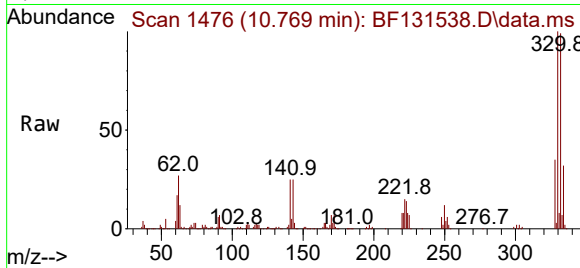




#67
4-Bromophenyl-phenylether
Concen: 3.584 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

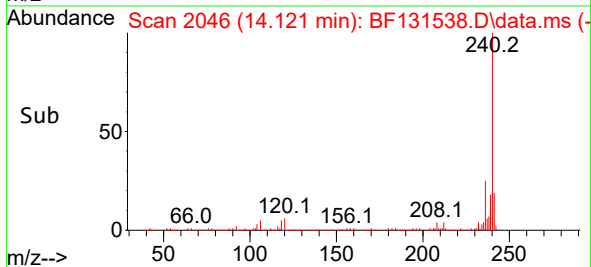
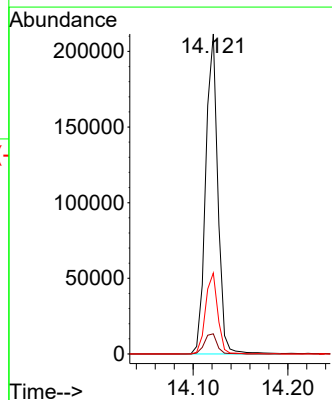
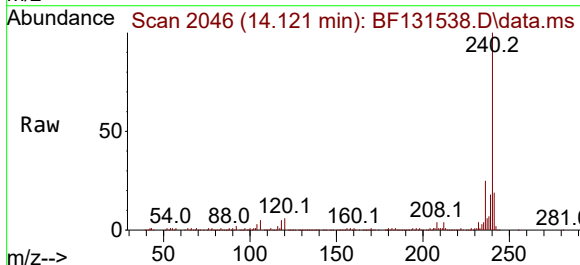
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

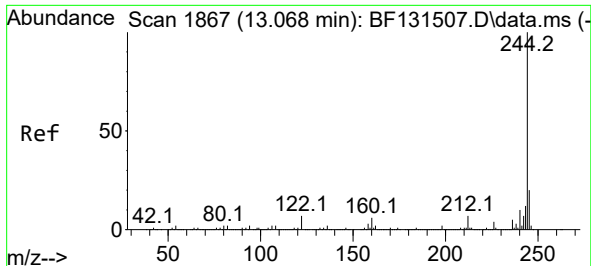
Tgt Ion:248 Resp: 16322
Ion Ratio Lower Upper
248 100
250 200.2 78.6 117.8#
141 411.1 47.1 70.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion:240 Resp: 188906
Ion Ratio Lower Upper
240 100
120 6.3 5.6 8.4
236 25.3 20.6 31.0

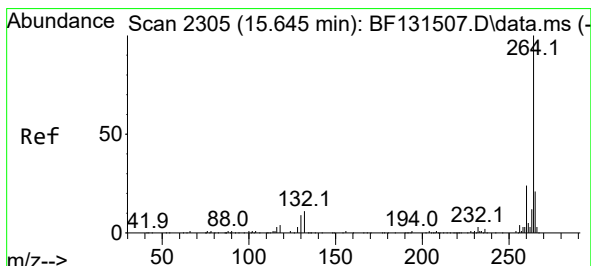
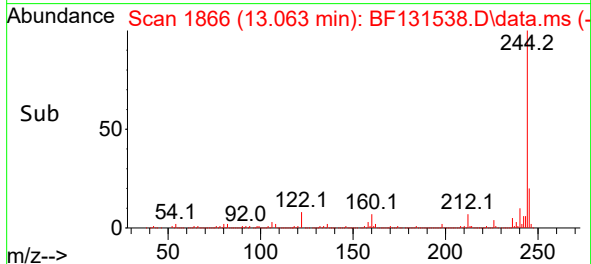
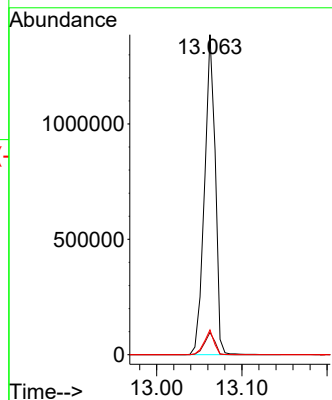
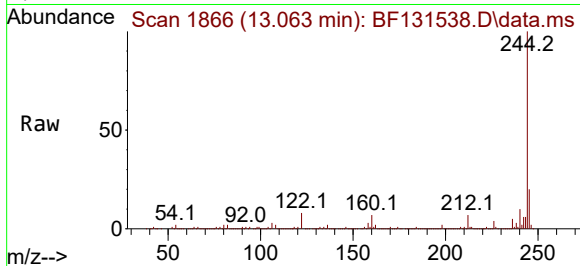




#79
 Terphenyl-d14
 Concen: 96.639 ng
 RT: 13.063 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF131538.D
 Acq: 06 Dec 2022 21:04

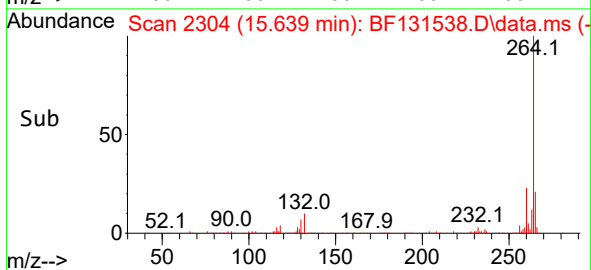
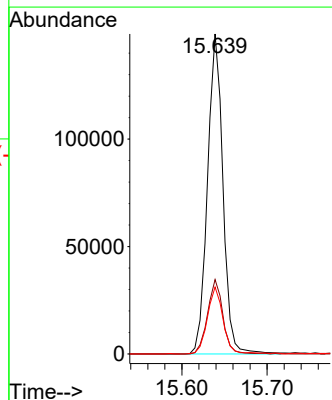
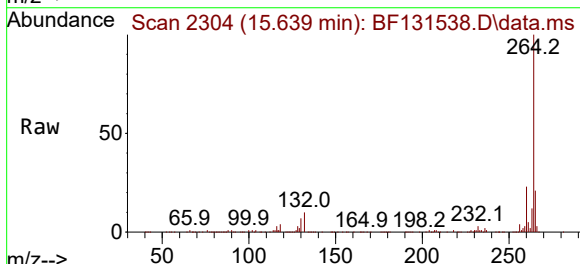
Instrument :
 BNA_F
 ClientSampleId :
 SAND-PILE-1

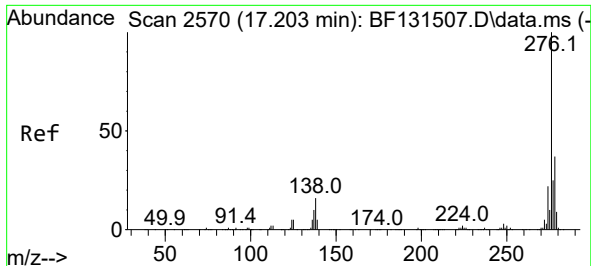
Tgt Ion:244 Resp: 1208856
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 7.8 5.4 8.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF131538.D
 Acq: 06 Dec 2022 21:04

Tgt Ion:264 Resp: 187439
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 20.9 17.0 25.4

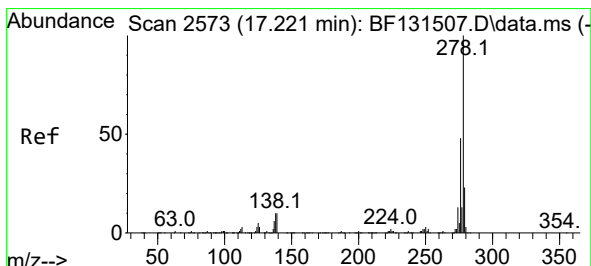
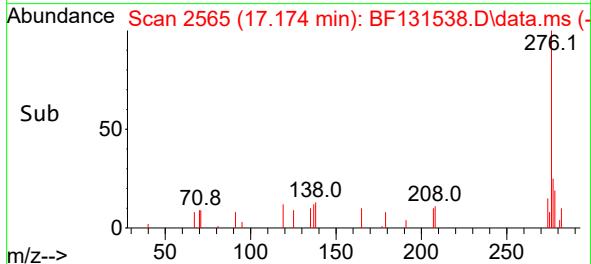
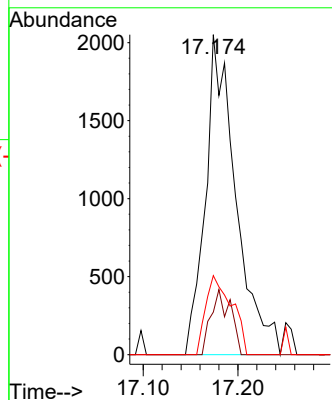
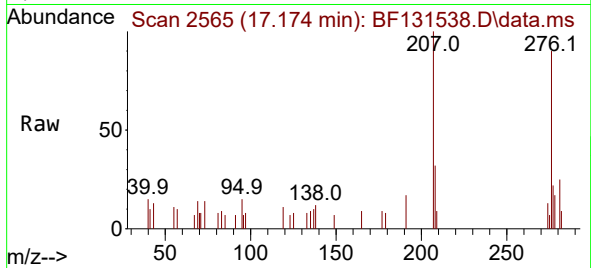




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.316 ng
 RT: 17.174 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF131538.D
 Acq: 06 Dec 2022 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SAND-PILE-1

Tgt Ion:276 Resp: 4572
 Ion Ratio Lower Upper
 276 100
 138 13.0 13.2 19.8#
 277 21.2 19.6 29.4



#91
 Dibenzo(a,h)anthracene
 Concen: 3.548 ng
 RT: 17.198 min Scan# 2569
 Delta R.T. -0.023 min
 Lab File: BF131538.D
 Acq: 06 Dec 2022 21:04

Tgt Ion:278 Resp: 810
 Ion Ratio Lower Upper
 278 100
 139 0.0 8.4 12.6#
 279 0.0 18.8 28.2#

