

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135407.D
 Acq On : 22 Sep 2023 19:09
 Operator : CG\JU
 Sample : 04434-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIRTY-PILE-3

Quant Time: Sep 23 04:57:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

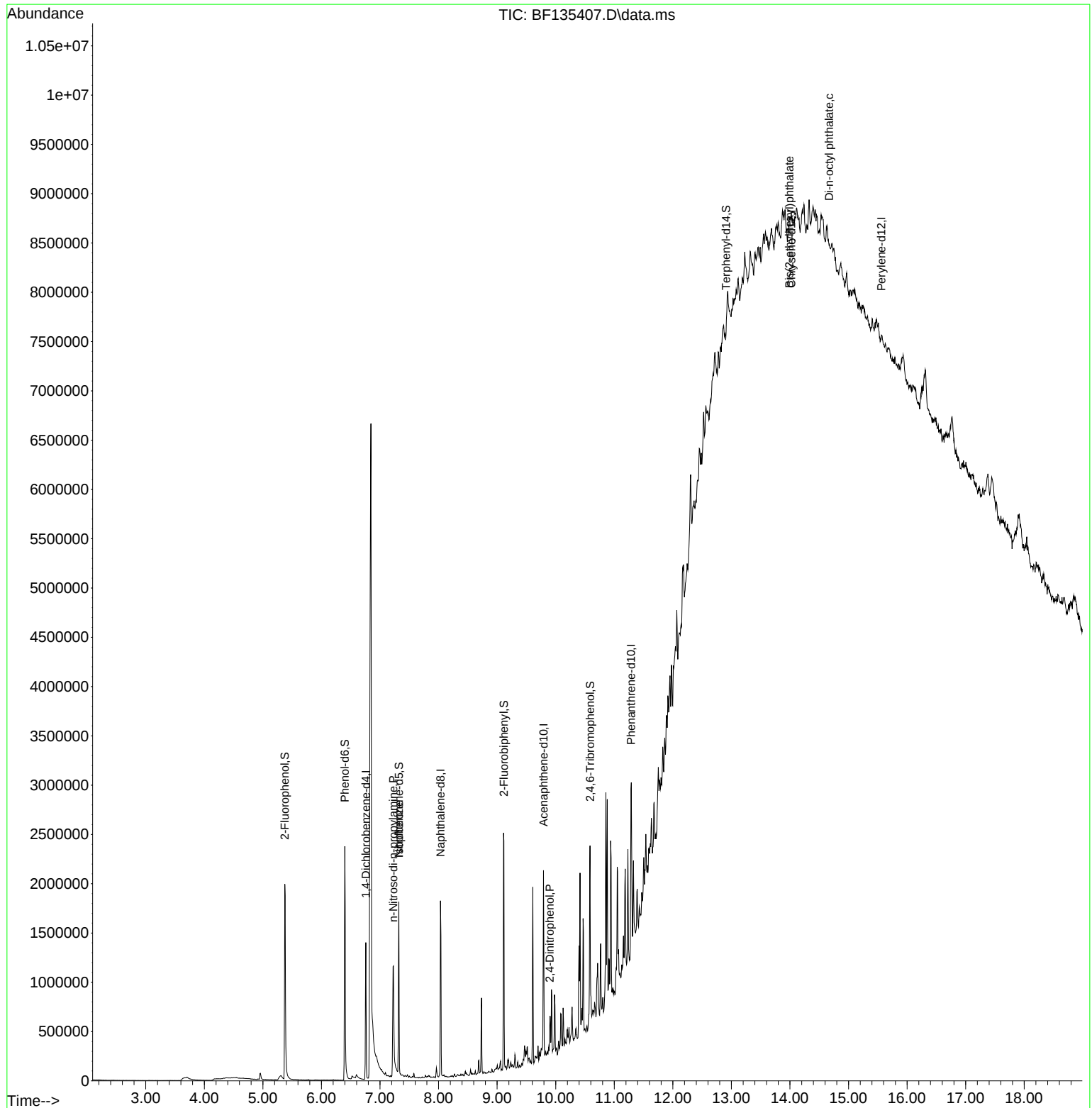
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	196193	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	720826	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	347388	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	558756	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	89051	20.000	ng	# 0.08
86) Perylene-d12	15.562	264	100810	20.000	ng	# 0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	656840	54.452	ng	-0.01
7) Phenol-d6	6.398	99	803277	52.370	ng	0.00
23) Nitrobenzene-d5	7.322	82	475115	35.810	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	137729	39.896	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	776278	33.714	ng	-0.01
79) Terphenyl-d14	12.910	244	275715	47.996	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.228	70	126140	13.277	ng	# 55
25) Isophorone	7.322	82	475115	19.502	ng	# 65
54) 2,4-Dinitrophenol	9.898	184	214	6.315	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.992	149	23054	7.526	ng	# 46
85) Di-n-octyl phthalate	14.668	149	13269	2.726	ng	# 54

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

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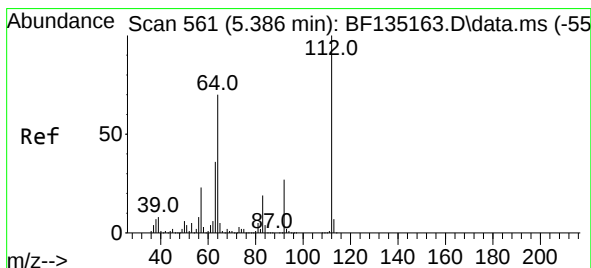
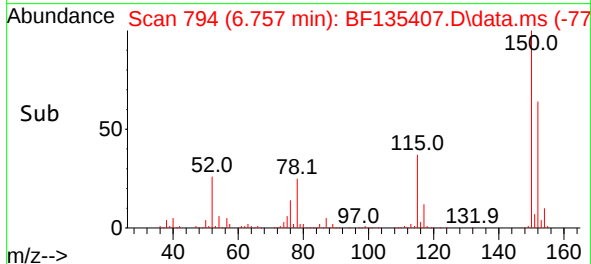
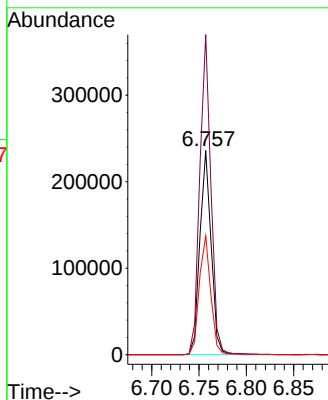
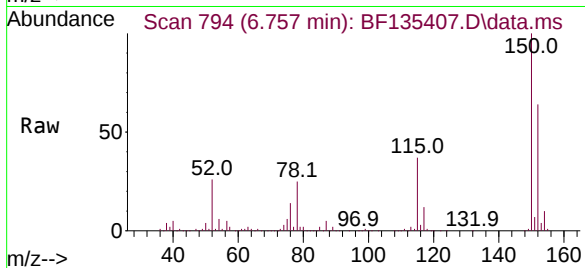




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

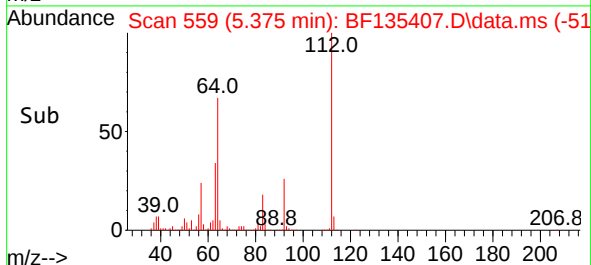
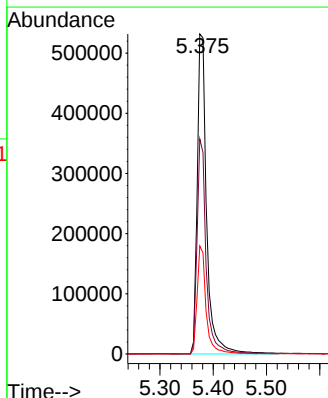
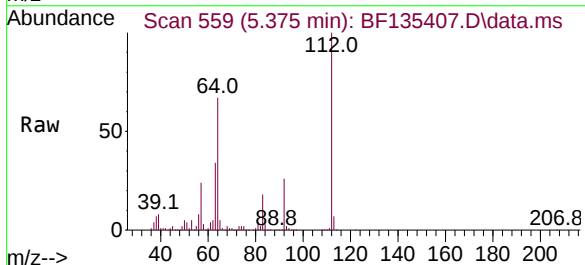
Instrument :
BNA_F
ClientSampleId :
DIRTY-PILE-3

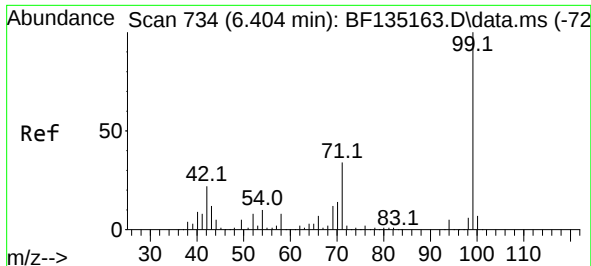
Tgt Ion:152 Resp: 196193
Ion Ratio Lower Upper
152 100
150 156.8 127.8 191.6
115 58.2 49.8 74.8



#5
2-Fluorophenol
Concen: 54.452 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

Tgt Ion:112 Resp: 656840
Ion Ratio Lower Upper
112 100
64 67.2 55.9 83.9
63 33.8 29.0 43.6

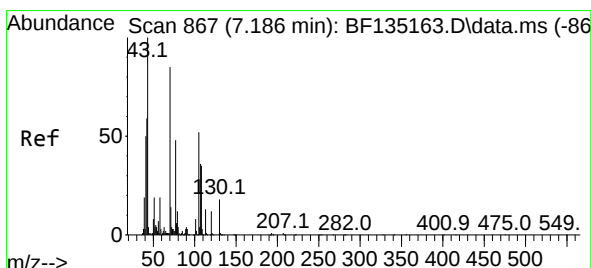
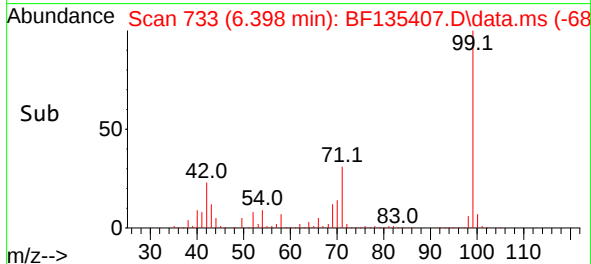
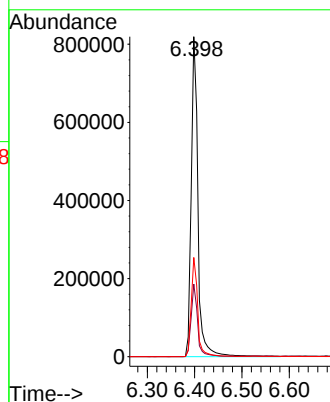
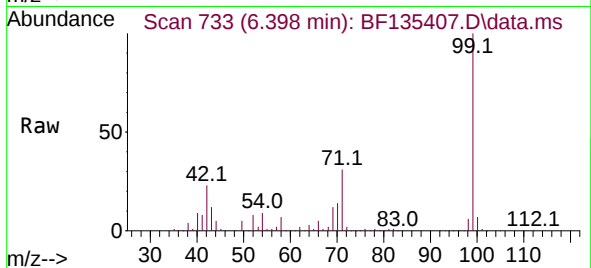




#7
Phenol-d6
Concen: 52.370 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

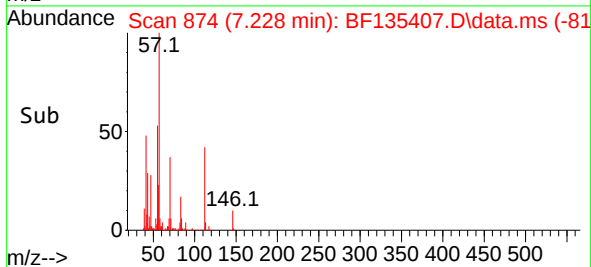
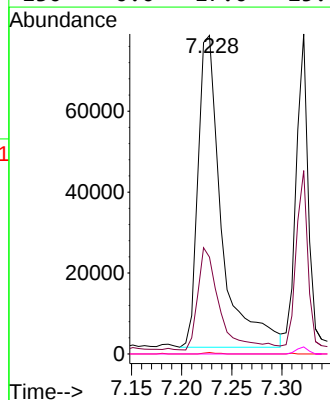
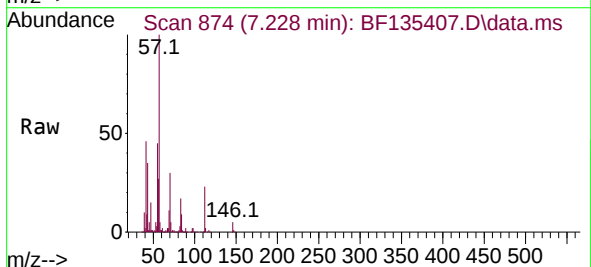
Instrument :
BNA_F
ClientSampleId :
DIRTY-PILE-3

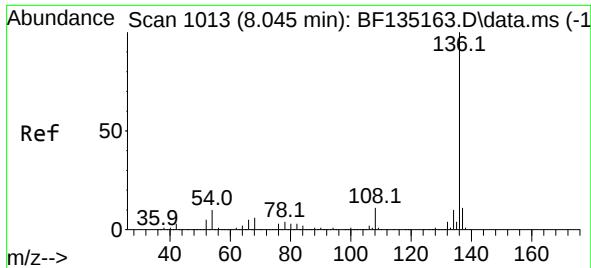
Tgt Ion: 99 Resp: 803277
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 31.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.277 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.041 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

Tgt Ion: 70 Resp: 126140
Ion Ratio Lower Upper
70 100
42 30.4 55.4 83.0#
101 0.5 7.7 11.5#
130 0.0 17.0 25.6#

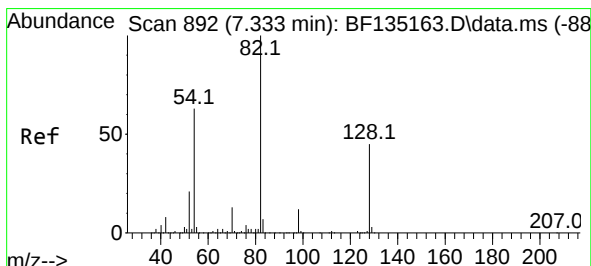
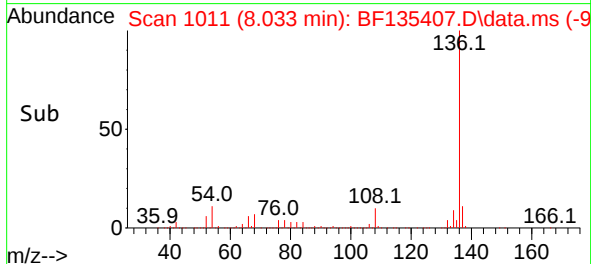
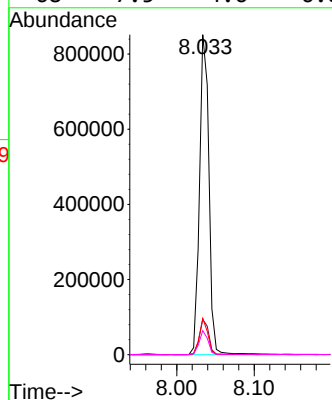
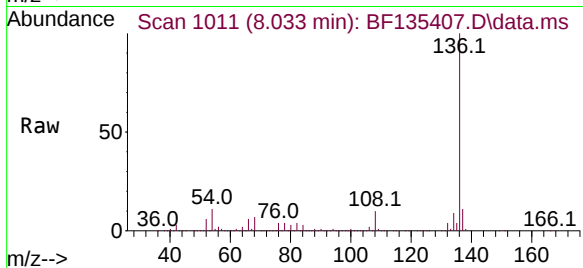




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

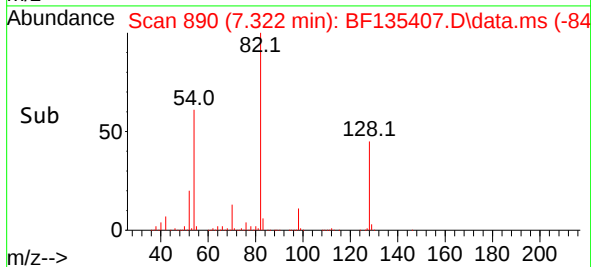
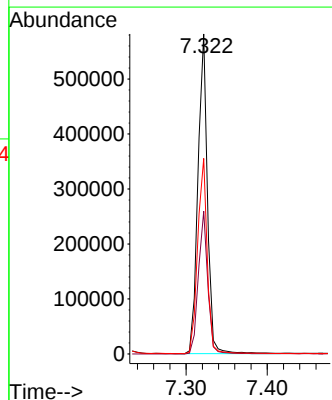
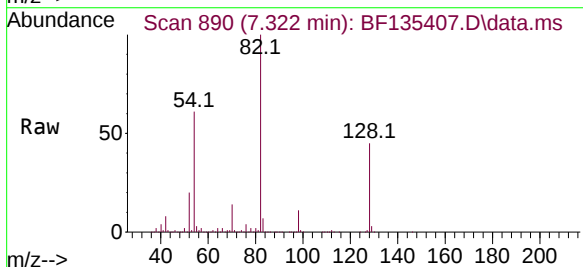
Instrument :
BNA_F
ClientSampleId :
DIRTY-PILE-3

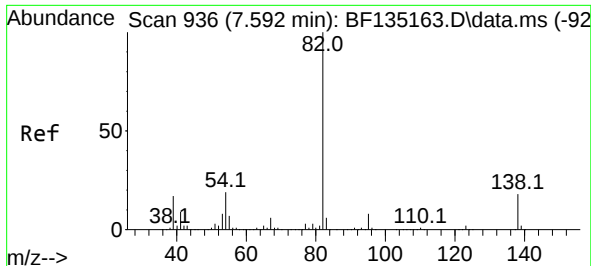
Tgt Ion:136 Resp: 720826
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.3 7.7 11.5
68 7.5 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 35.810 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

Tgt Ion: 82 Resp: 475115
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 61.1 50.6 76.0

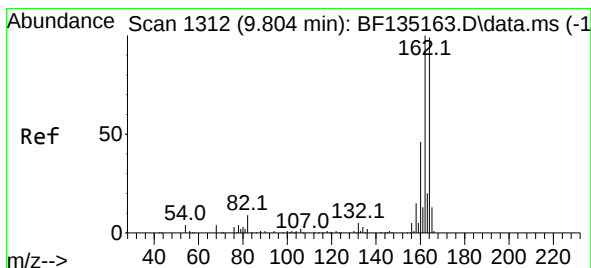
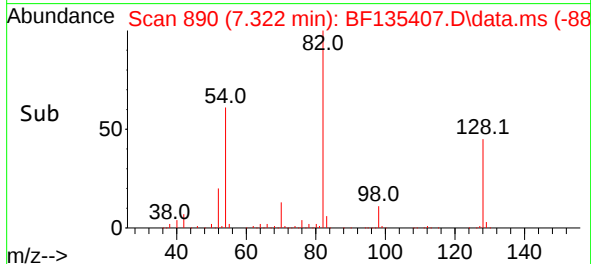
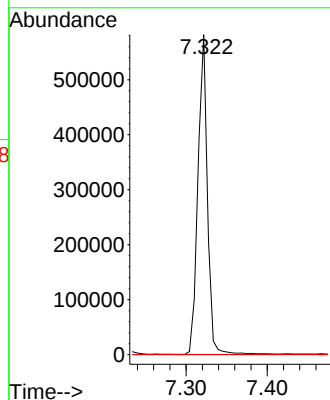
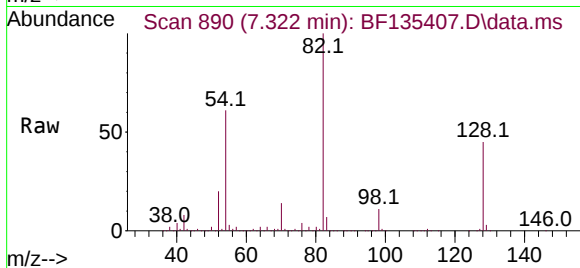




#25
Isophorone
Concen: 19.502 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

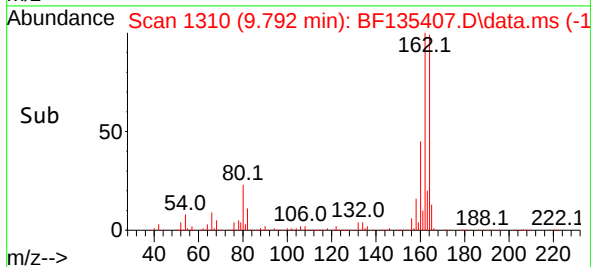
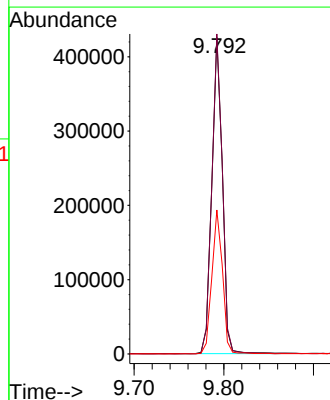
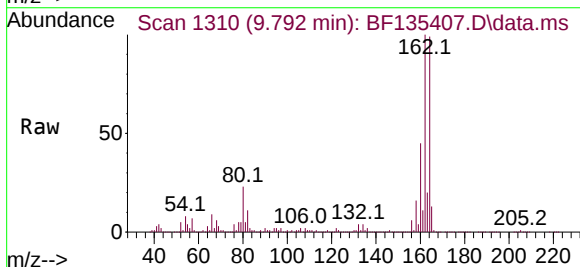
Instrument :
BNA_F
ClientSampleId :
DIRTY-PILE-3

Tgt Ion: 82 Resp: 475115
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

Tgt Ion: 164 Resp: 347388
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 39.896 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

Instrument :

BNA_F

ClientSampleId :

DIRTY-PILE-3

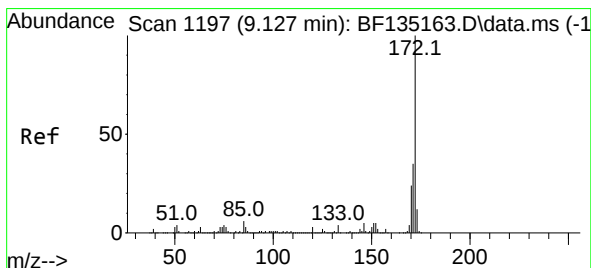
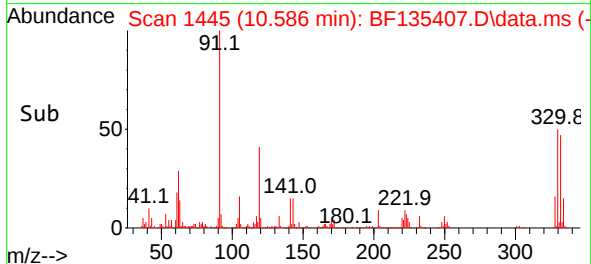
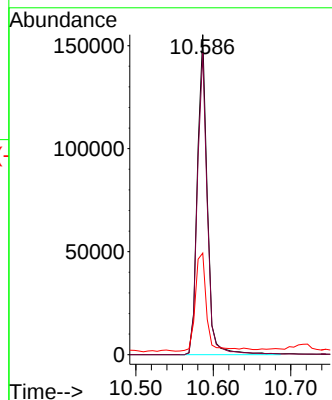
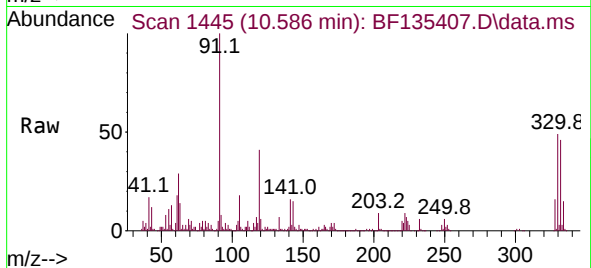
Tgt Ion:330 Resp: 137729

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

141 34.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 33.714 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

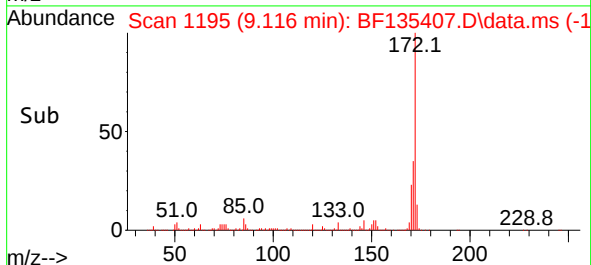
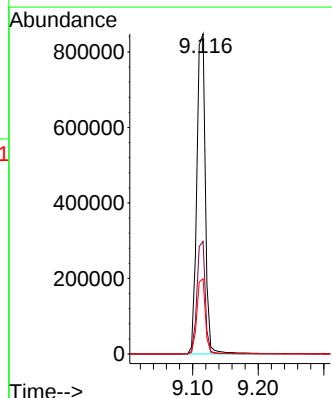
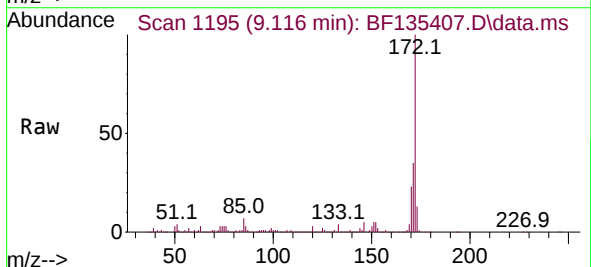
Tgt Ion:172 Resp: 776278

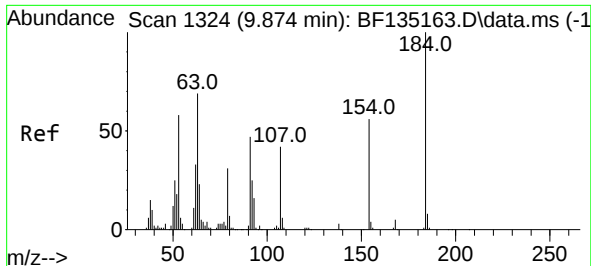
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 19.0 28.4

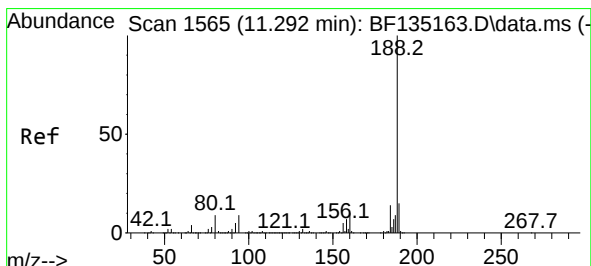
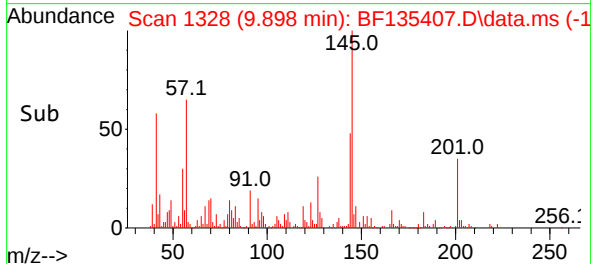
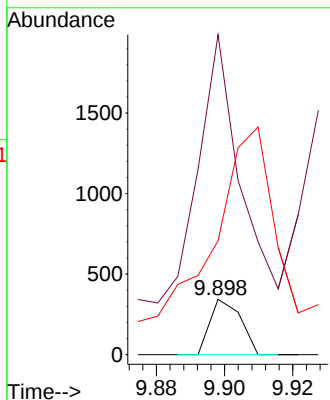
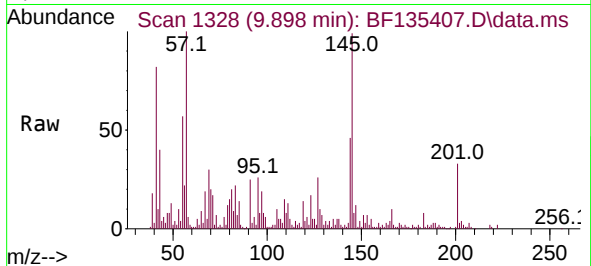




#54
2,4-Dinitrophenol
Concen: 6.315 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

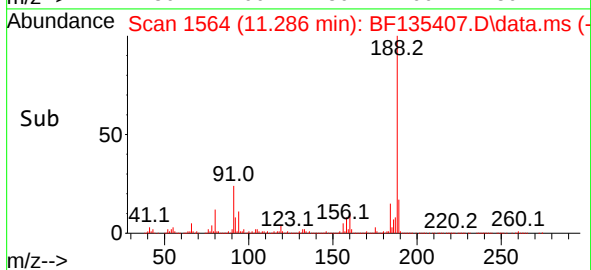
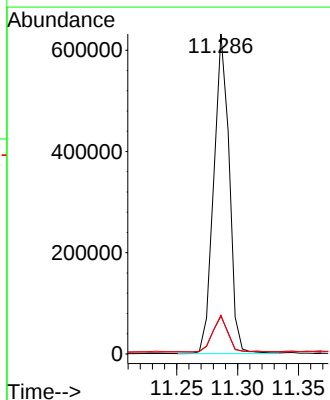
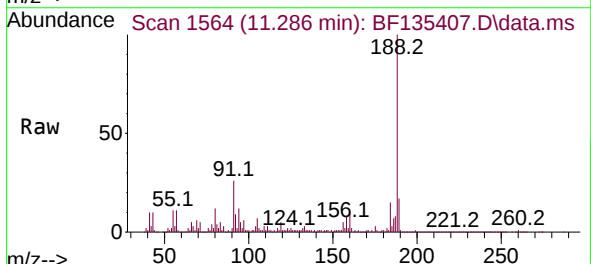
Instrument :
BNA_F
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DIRTY-PILE-3

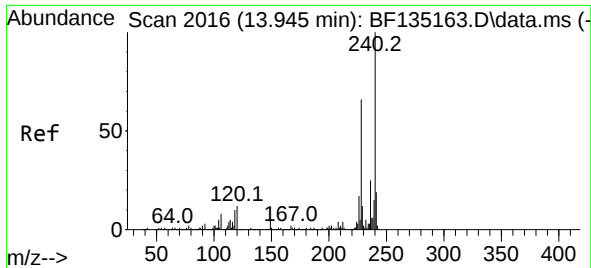
Tgt Ion	Ratio	Lower	Upper
184	100		
63	579.3	55.1	82.7#
154	206.1	48.4	72.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	7.0	10.6#
80	12.2	7.5	11.3#

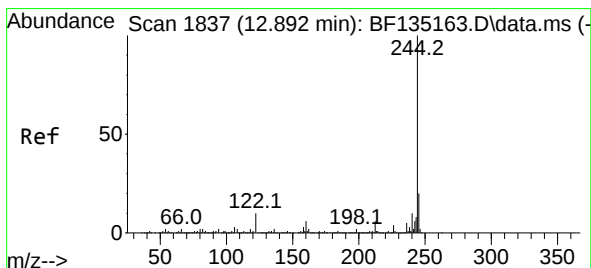
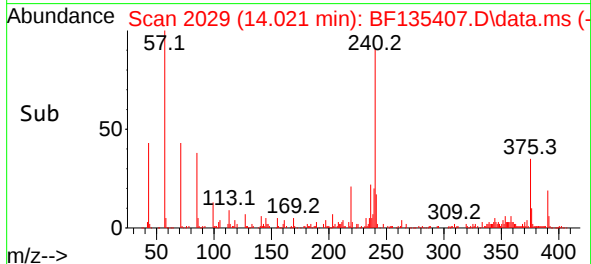
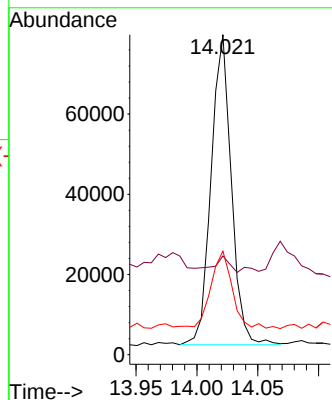
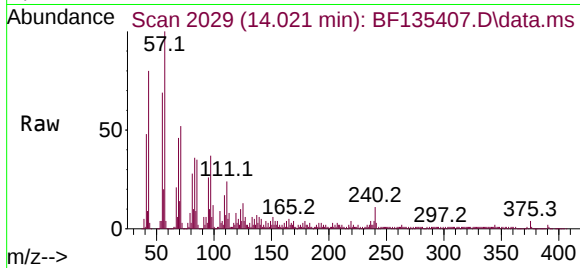




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 20
Delta R.T. 0.077 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

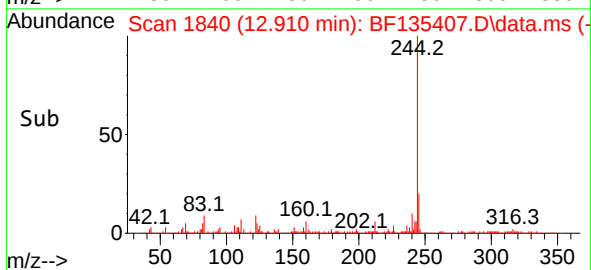
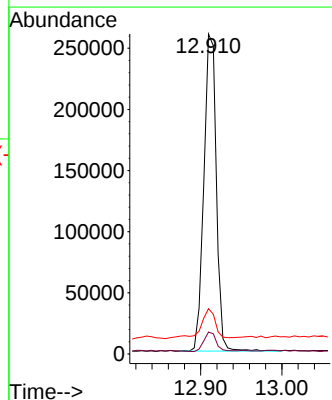
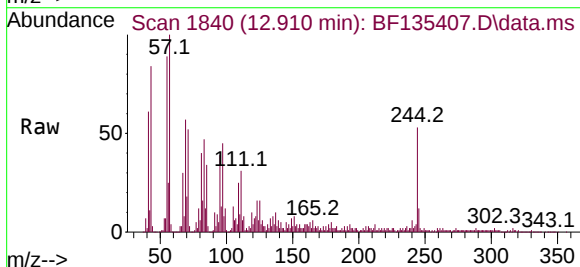
Instrument :
BNA_F
ClientSampleId :
DIRTY-PILE-3

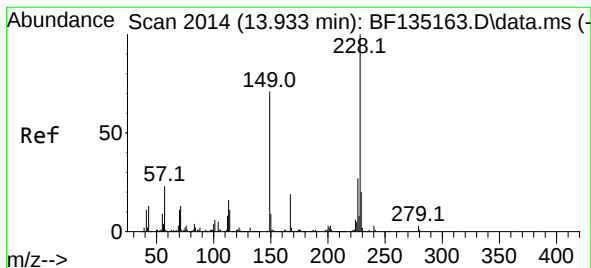
Tgt Ion:240 Resp: 89051
Ion Ratio Lower Upper
240 100
120 30.8 9.4 14.2#
236 32.3 19.8 29.8#



#79
Terphenyl-d14
Concen: 47.996 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.018 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

Tgt Ion:244 Resp: 275715
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 14.2 7.9 11.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.526 ng

RT: 13.992 min Scan# 2014

Delta R.T. 0.059 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

Instrument :

BNA_F

ClientSampleId :

DIRTY-PILE-3

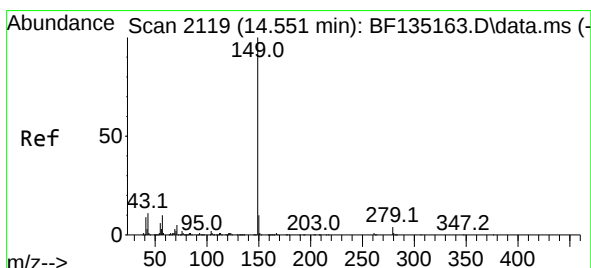
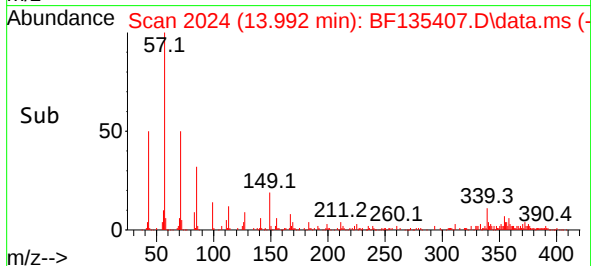
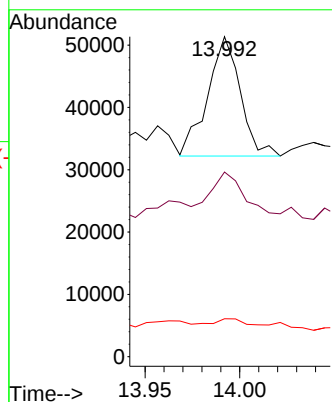
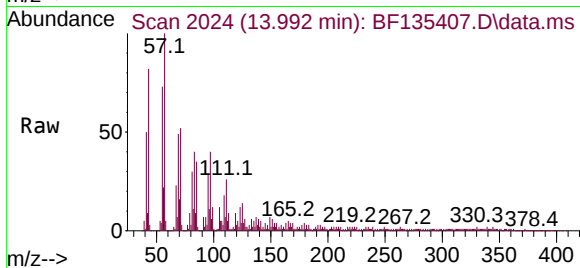
Tgt Ion:149 Resp: 23054

Ion Ratio Lower Upper

149 100

167 57.7 21.9 32.9#

279 11.9 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 2.726 ng

RT: 14.668 min Scan# 2139

Delta R.T. 0.118 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

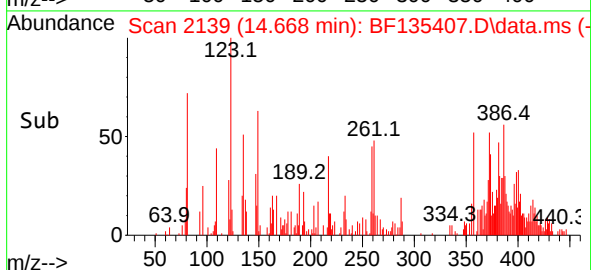
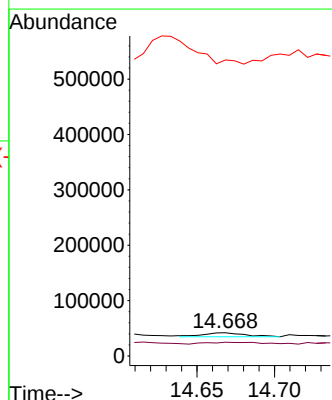
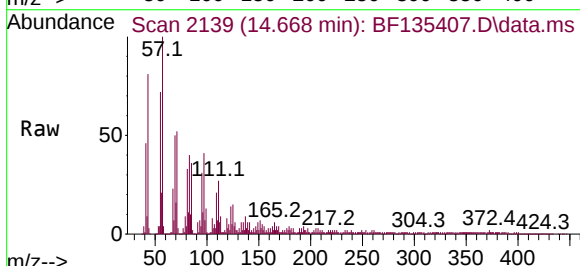
Tgt Ion:149 Resp: 13269

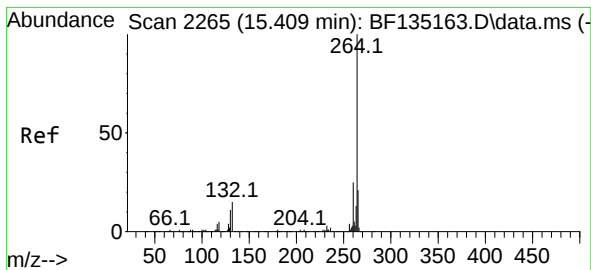
Ion Ratio Lower Upper

149 100

167 68.6 1.1 1.7#

43 0.0 9.8 14.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. 0.153 min
 Lab File: BF135407.D
 Acq: 22 Sep 2023 19:09

Instrument :
 BNA_F
 ClientSampleId :
 DIRTY-PILE-3

Tgt Ion:264 Resp: 100810
 Ion Ratio Lower Upper
 264 100
 260 26.7 19.8 29.6
 265 28.2 17.0 25.4#

