

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131600.D
 Acq On : 12 Dec 2022 19:12
 Operator : CG\JU
 Sample : N5977-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-6-7-8-9-16

Quant Time: Dec 13 04:17:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

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

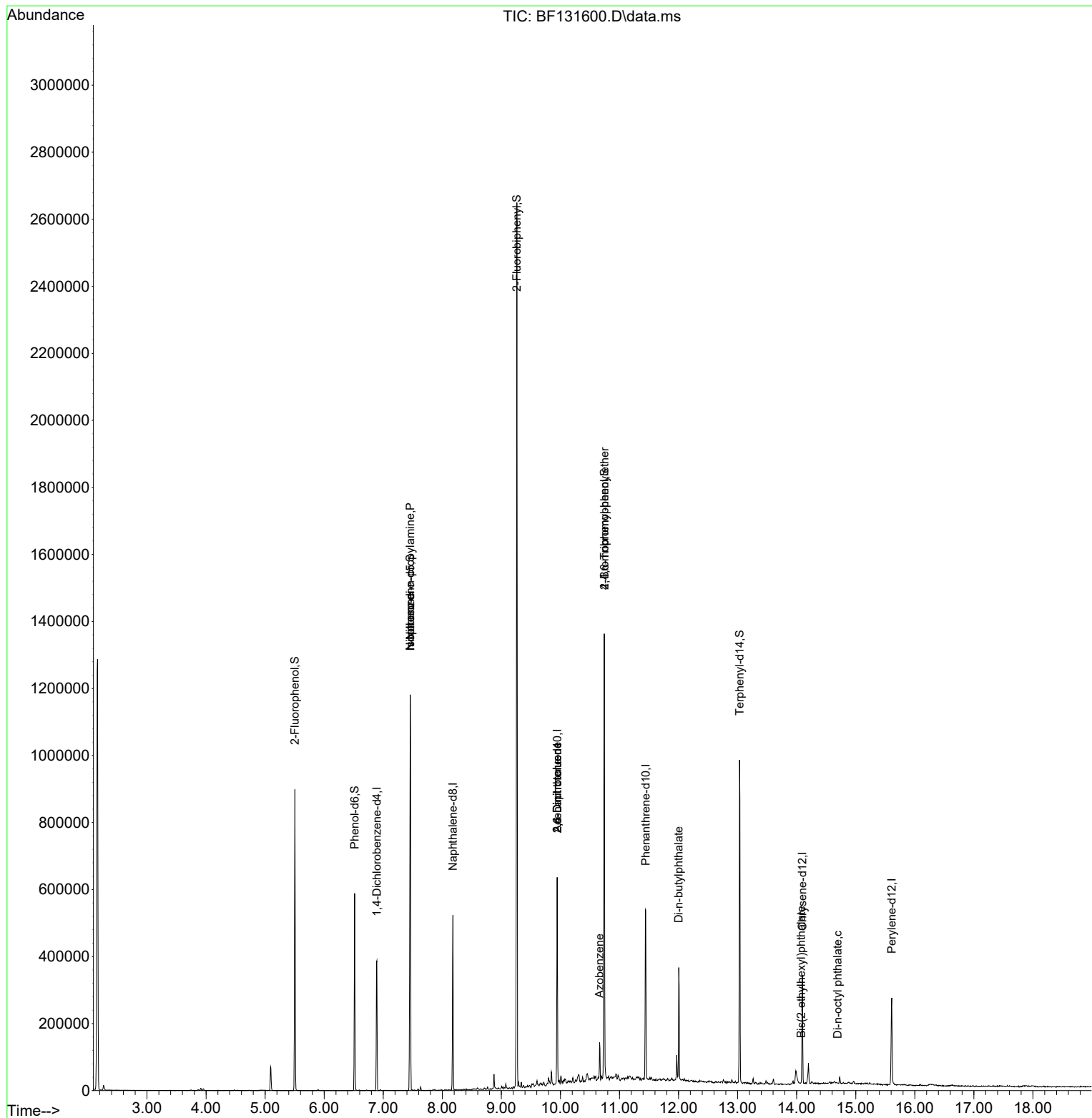
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	56419	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	195947	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	108356	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	189616	20.000	ng	0.00
76) Chrysene-d12	14.098	240	104904	20.000	ng	0.00
86) Perylene-d12	15.609	264	119497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	190685	56.385	ng	0.00
7) Phenol-d6	6.516	99	148457	33.499	ng	-0.01
23) Nitrobenzene-d5	7.457	82	440075	84.910	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	160415	133.250	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	741561	86.291	ng	0.00
79) Terphenyl-d14	13.033	244	326284	42.655	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	59993	18.054	ng	# 82
25) Isophorone	7.457	82	440147	52.723	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	13587	7.968	ng	# 10
57) 2,4-Dinitrotoluene	9.945	165	13587	6.006	ng	# 16
63) Azobenzene	10.663	77	20667	2.286	ng	# 17
67) 4-Bromophenyl-phenylether	10.745	248	10825	4.438	ng	# 1
74) Di-n-butylphthalate	12.004	149	147249	14.300	ng	99
84) Bis(2-ethylhexyl)phtha...	14.074	149	830	3.223	ng	# 97
85) Di-n-octyl phthalate	14.692	149	751	5.319	ng	# 71

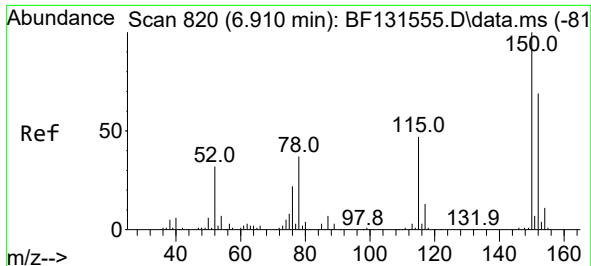
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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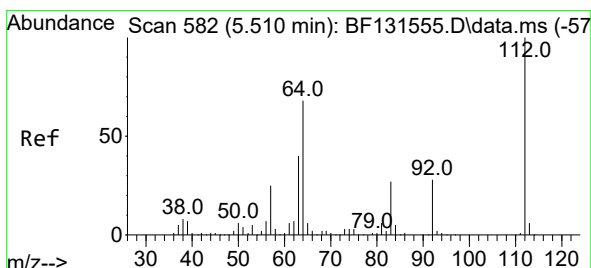
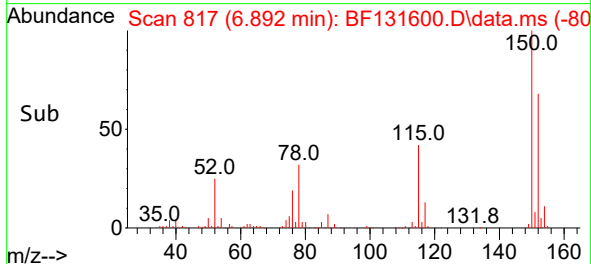
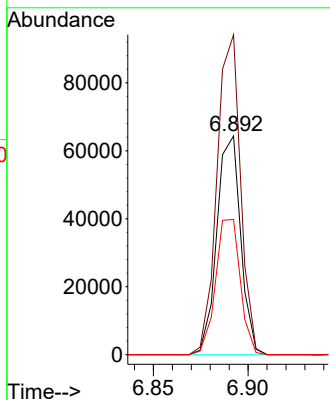
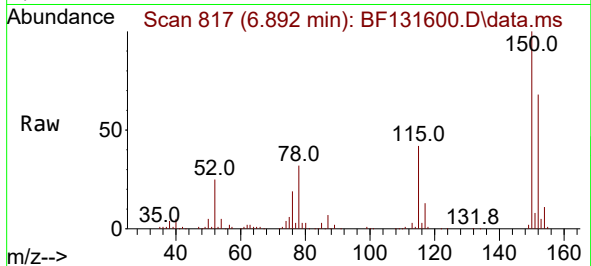




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

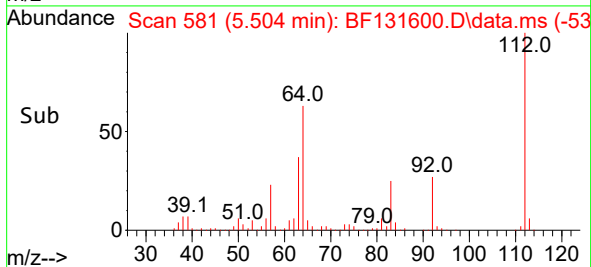
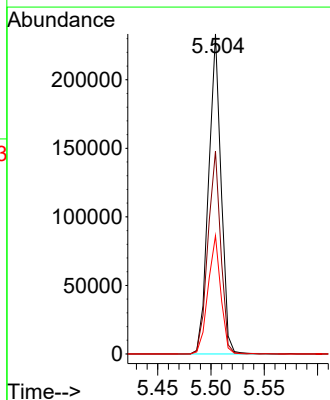
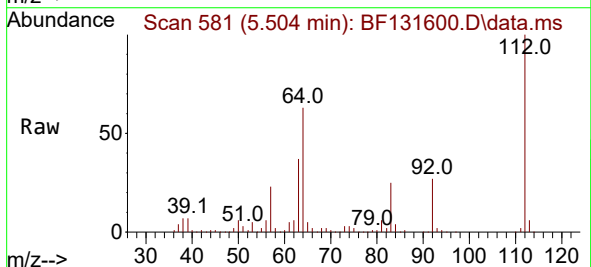
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-6-7-8-9-16

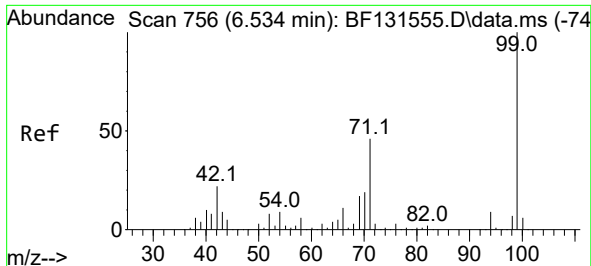
Tgt Ion:152 Resp: 56419
Ion Ratio Lower Upper
152 100
150 146.4 116.7 175.1
115 61.8 54.6 82.0



#5
2-Fluorophenol
Concen: 56.385 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

Tgt Ion:112 Resp: 190685
Ion Ratio Lower Upper
112 100
64 63.4 54.5 81.7
63 36.9 31.9 47.9

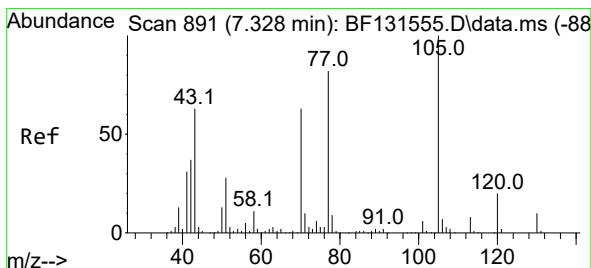
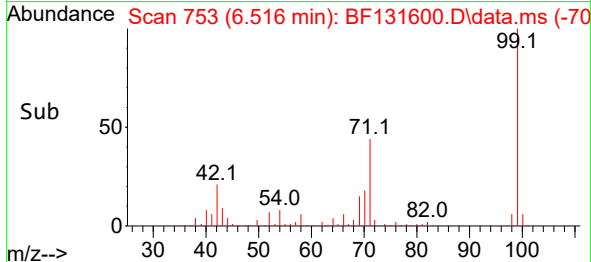
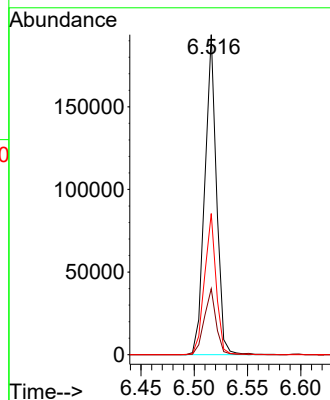
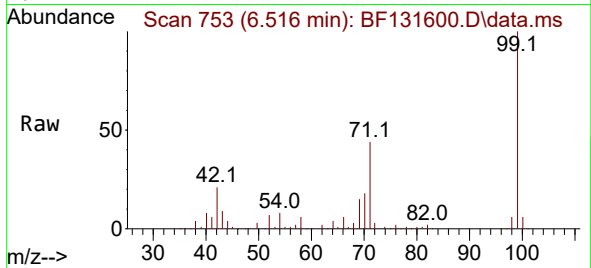




#7
Phenol-d6
Concen: 33.499 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

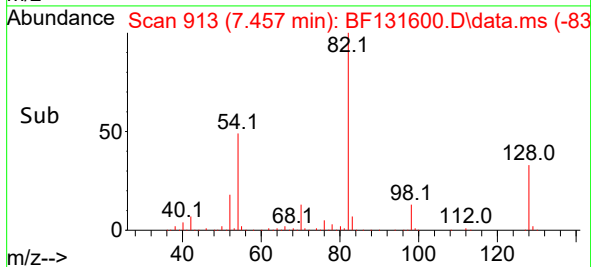
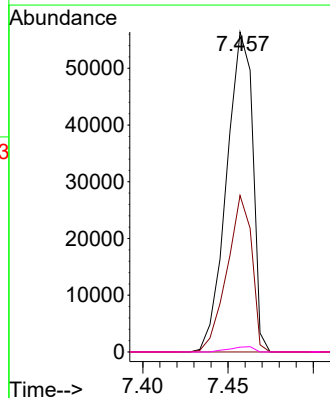
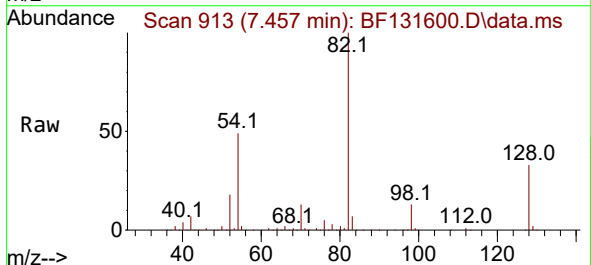
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-6-7-8-9-16

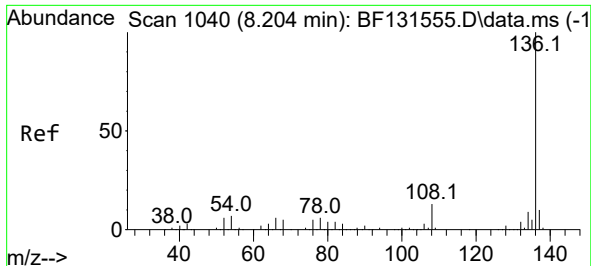
Tgt Ion: 99 Resp: 148457
Ion Ratio Lower Upper
99 100
42 20.6 17.9 26.9
71 44.1 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.054 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

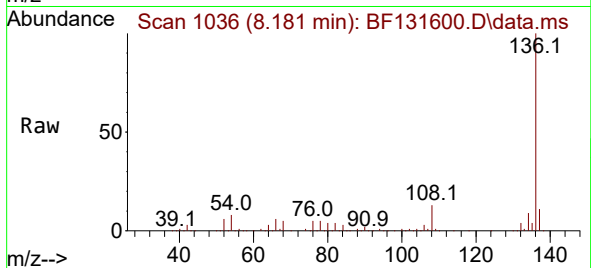
Tgt Ion: 70 Resp: 59993
Ion Ratio Lower Upper
70 100
42 48.9 46.4 69.6
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#



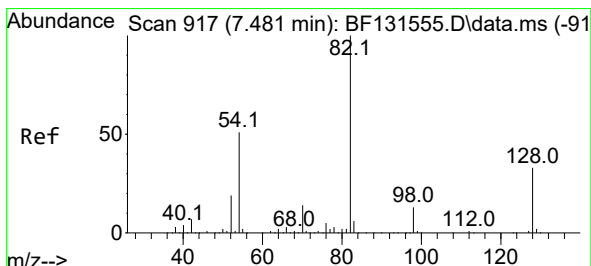
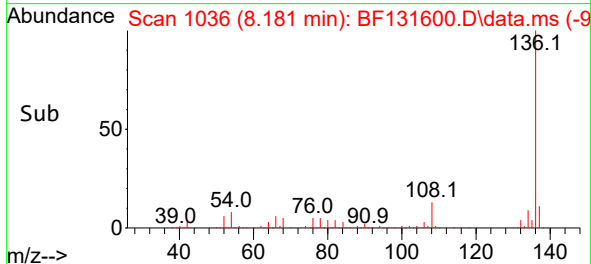
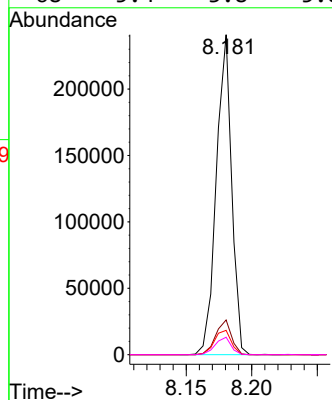


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-6-7-8-9-16

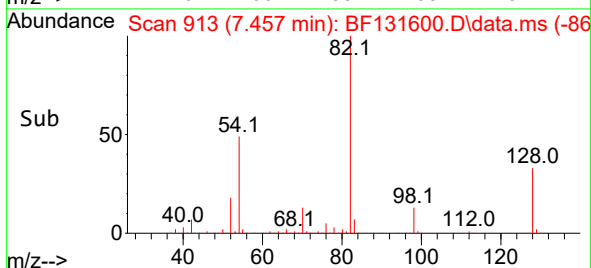
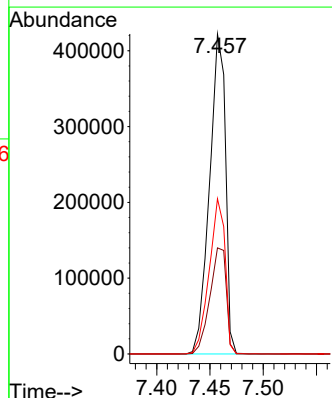
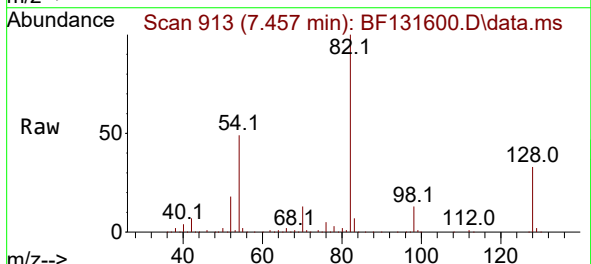


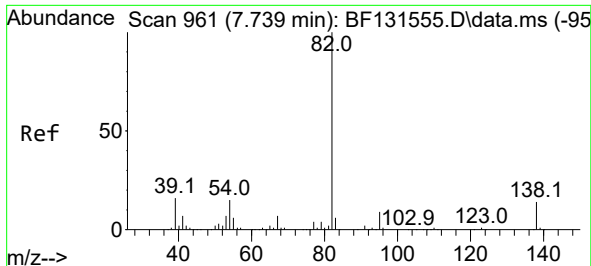
Tgt Ion:136 Resp: 195947
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.6 6.0 9.0
68 5.4 3.8 5.8



#23
Nitrobenzene-d5
Concen: 84.910 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

Tgt Ion: 82 Resp: 440075
Ion Ratio Lower Upper
82 100
128 33.1 26.1 39.1
54 48.5 40.6 60.8

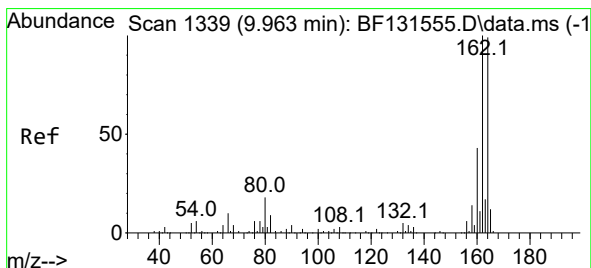
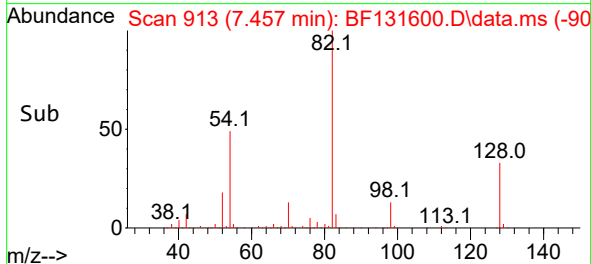
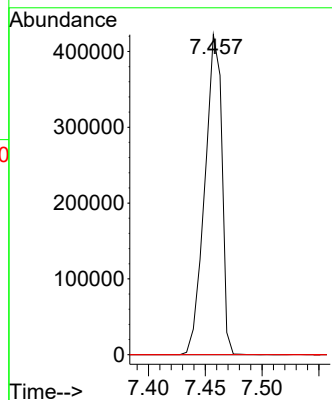
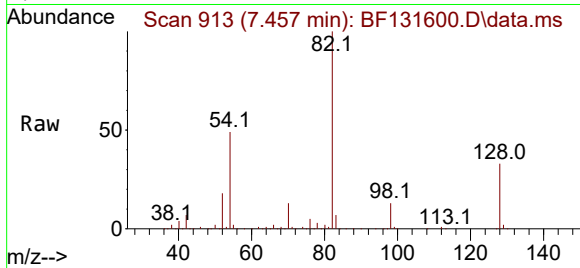




#25
Isophorone
Concen: 52.723 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

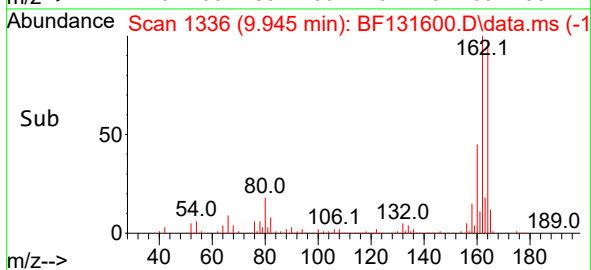
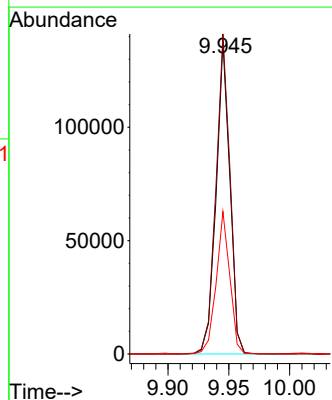
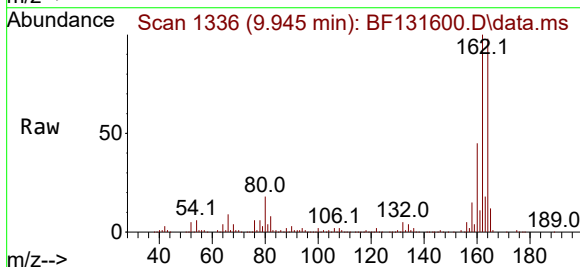
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-6-7-8-9-16

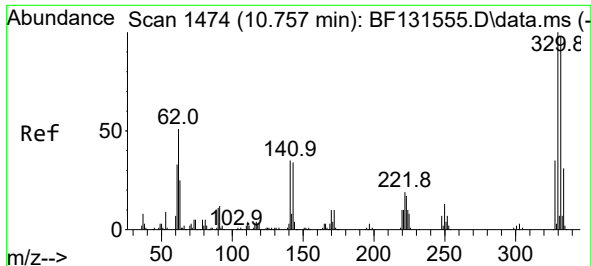
Tgt Ion: 82 Resp: 440147
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

Tgt Ion:164 Resp: 108356
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 45.6 35.0 52.6

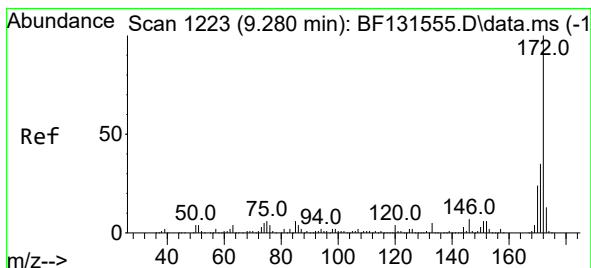
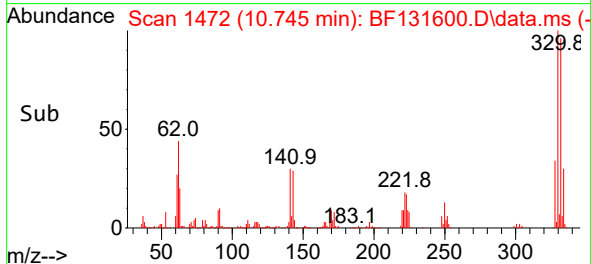
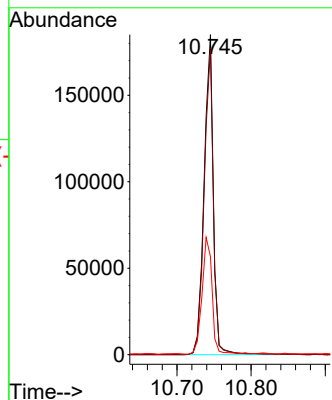
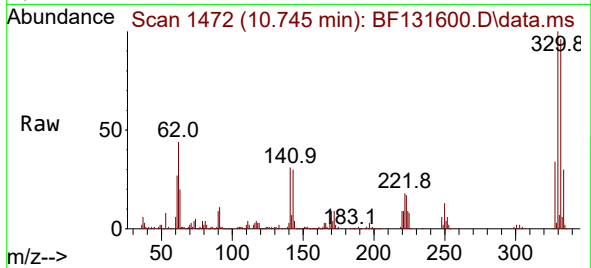




#42
2,4,6-Tribromophenol
Concen: 133.250 ng
RT: 10.745 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

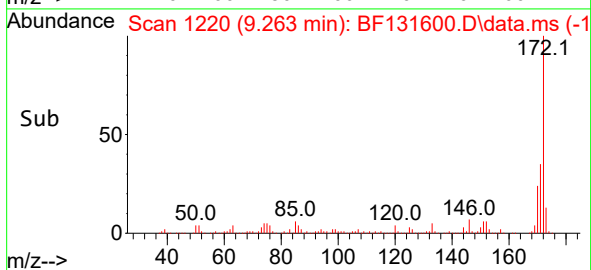
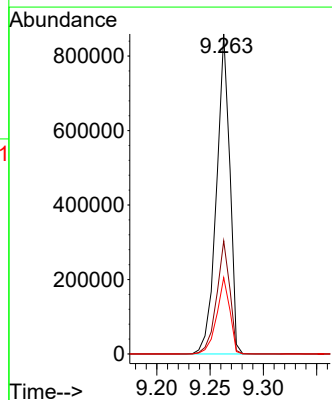
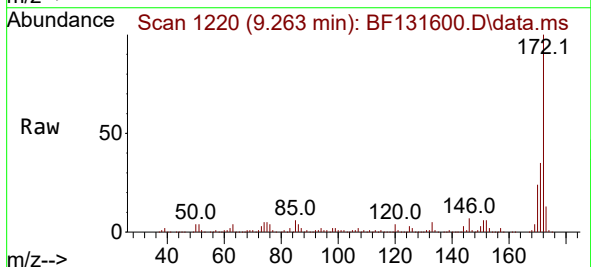
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-6-7-8-9-16

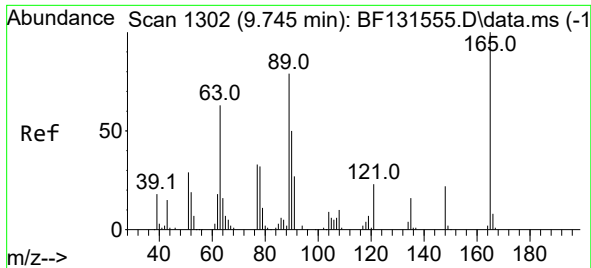
Tgt Ion:330 Resp: 160415
Ion Ratio Lower Upper
330 100
332 95.3 78.3 117.5
141 39.1 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 86.291 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

Tgt Ion:172 Resp: 741561
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.9 19.3 28.9

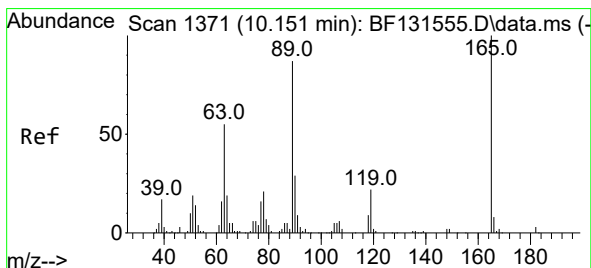
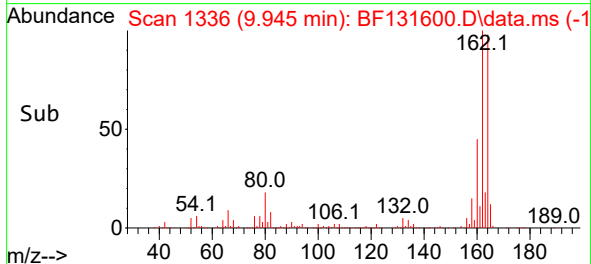
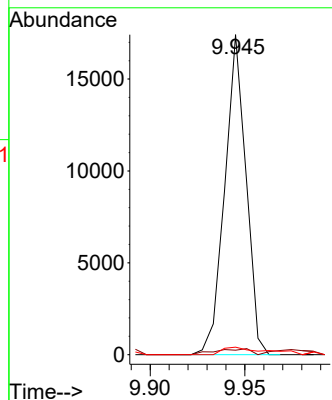
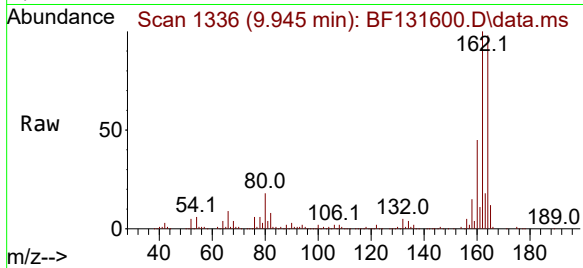




#51
2,6-Dinitrotoluene
Concen: 7.968 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

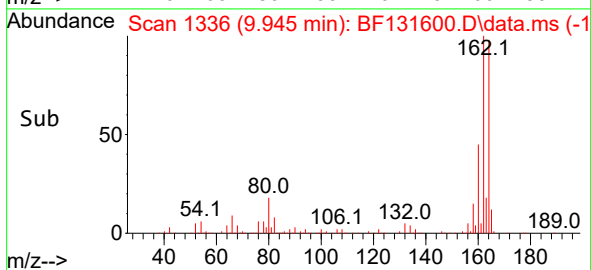
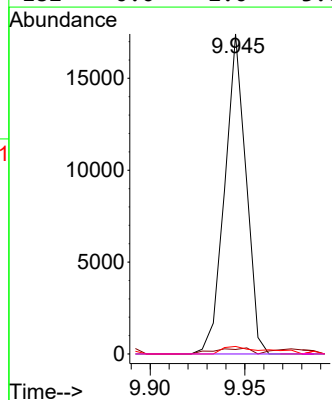
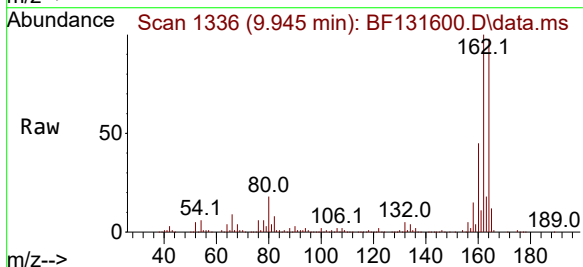
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COMP-SAMPLE-TANK-6-7-8-9-16

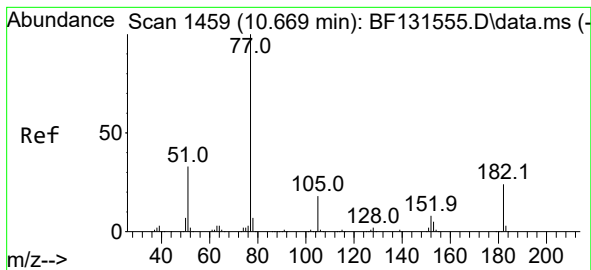
Tgt Ion:165 Resp: 13587
Ion Ratio Lower Upper
165 100
63 1.4 67.9 101.9#
89 2.3 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.006 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

Tgt Ion:165 Resp: 13587
Ion Ratio Lower Upper
165 100
63 1.4 44.4 66.6#
89 2.3 69.6 104.4#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.286 ng

RT: 10.663 min Scan# 1459

Delta R.T. 0.006 min

Lab File: BF131600.D

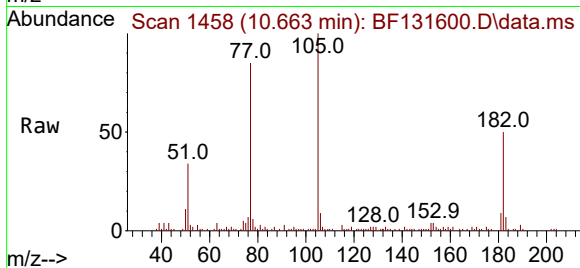
Acq: 12 Dec 2022 19:12

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-6-7-8-9-16



Tgt Ion: 77 Resp: 20667

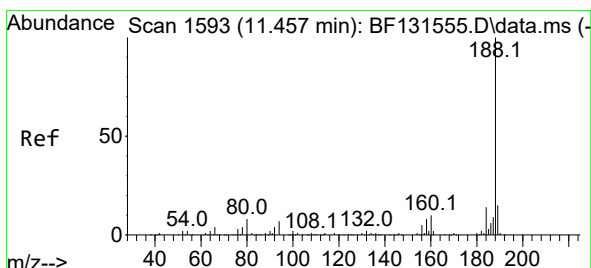
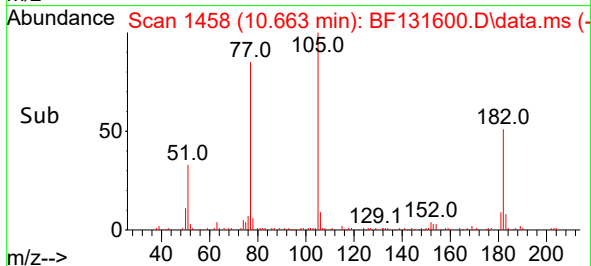
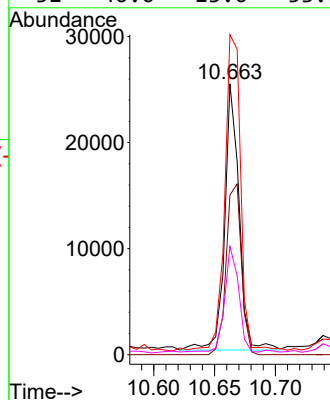
Ion Ratio Lower Upper

77 100

182 58.9 3.9 43.9#

105 118.1 0.0 38.3#

51 40.0 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1591

Delta R.T. -0.006 min

Lab File: BF131600.D

Acq: 12 Dec 2022 19:12

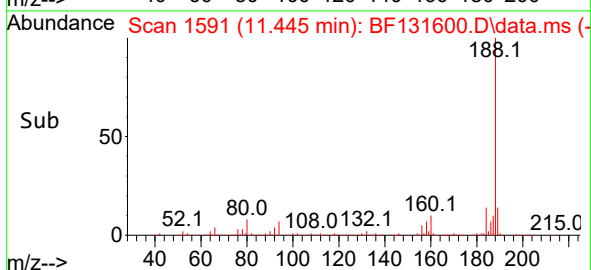
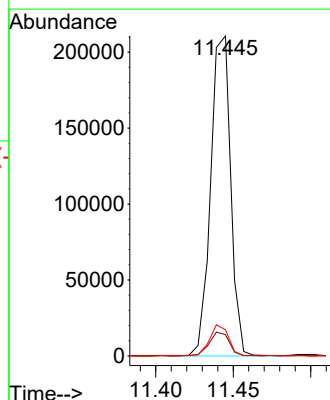
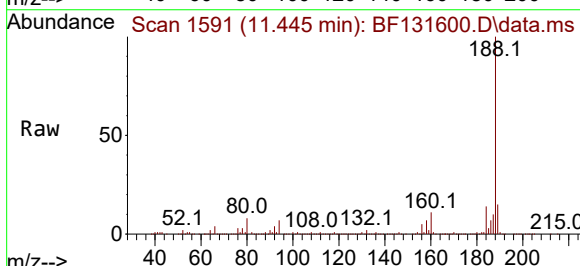
Tgt Ion: 188 Resp: 189616

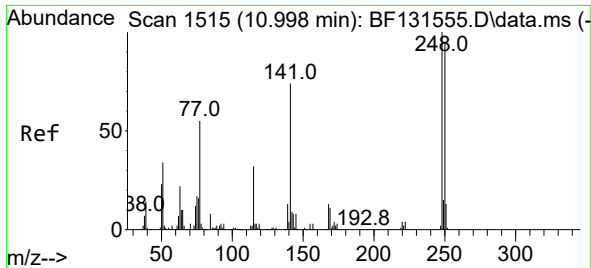
Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

80 8.1 6.6 10.0

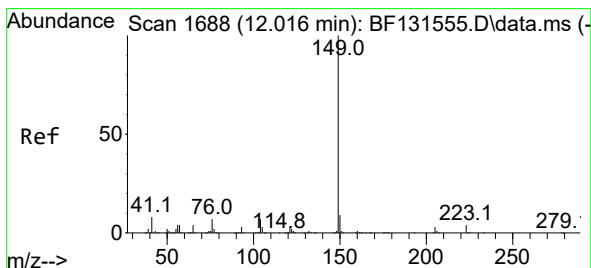
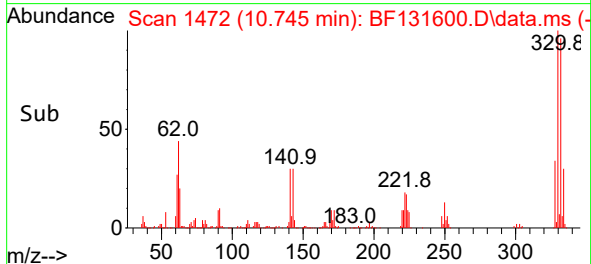
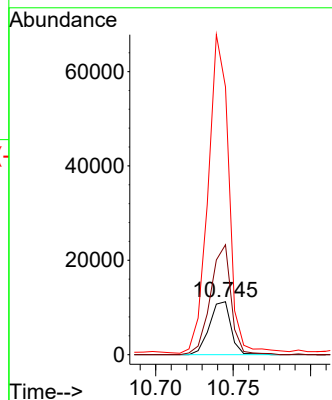
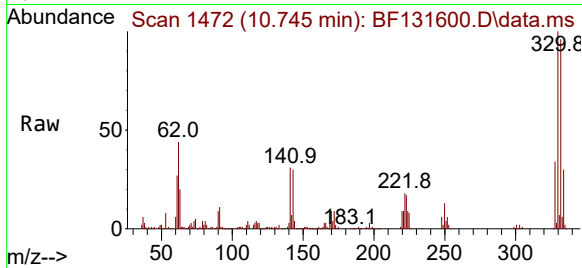




#67
4-Bromophenyl-phenylether
Concen: 4.438 ng
RT: 10.745 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

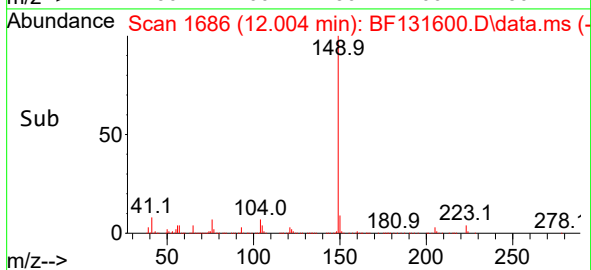
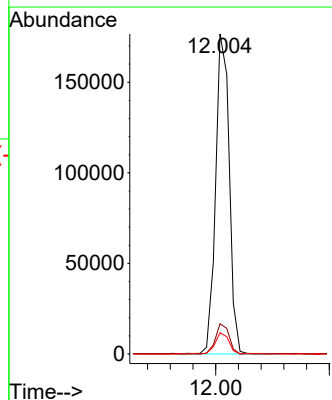
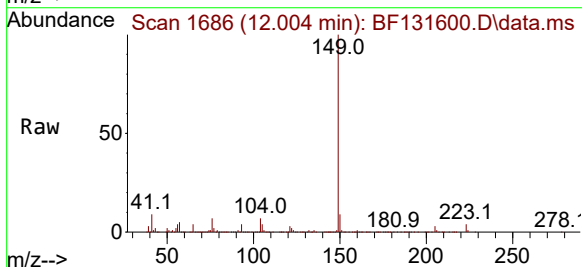
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-6-7-8-9-16

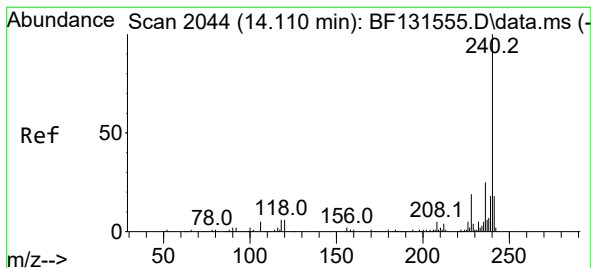
Tgt Ion:248 Resp: 10825
Ion Ratio Lower Upper
248 100
250 207.4 76.2 114.2#
141 505.4 59.5 89.3#



#74
Di-n-butylphthalate
Concen: 14.300 ng
RT: 12.004 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

Tgt Ion:149 Resp: 147249
Ion Ratio Lower Upper
149 100
150 9.5 7.2 10.8
104 6.7 5.2 7.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF131600.D

Acq: 12 Dec 2022 19:12

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-6-7-8-9-16

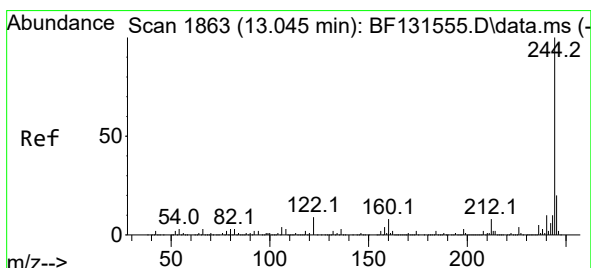
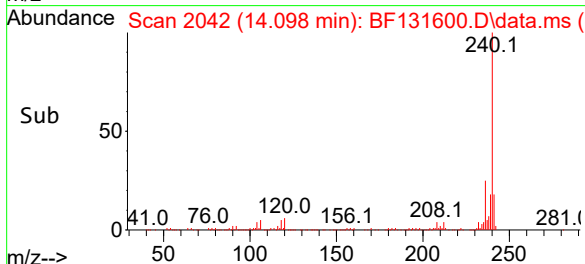
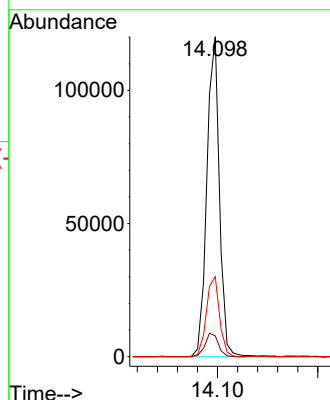
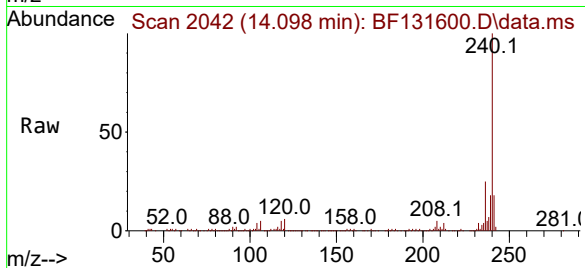
Tgt Ion:240 Resp: 104904

Ion Ratio Lower Upper

240 100

120 6.5 4.6 7.0

236 25.0 20.2 30.2



#79

Terphenyl-d14

Concen: 42.655 ng

RT: 13.033 min Scan# 1861

Delta R.T. -0.012 min

Lab File: BF131600.D

Acq: 12 Dec 2022 19:12

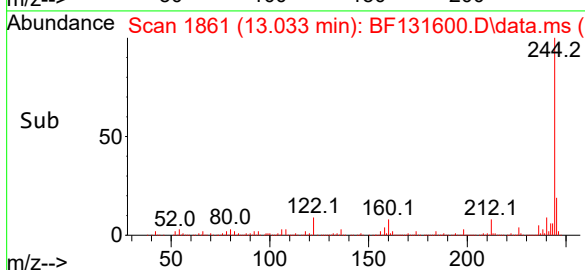
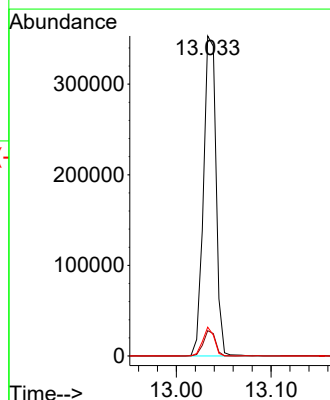
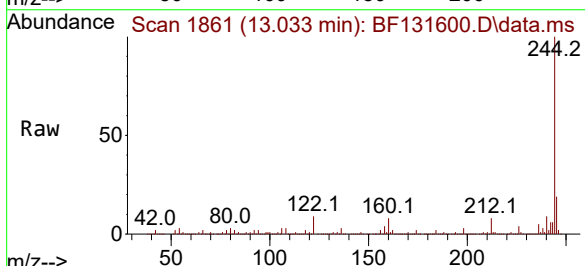
Tgt Ion:244 Resp: 326284

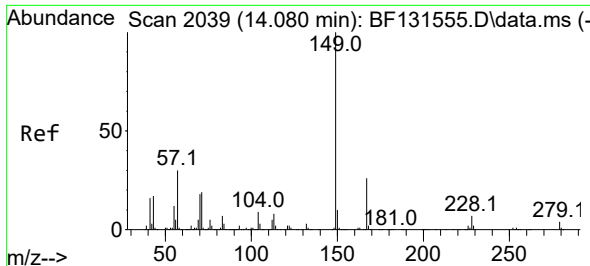
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.0 7.1 10.7

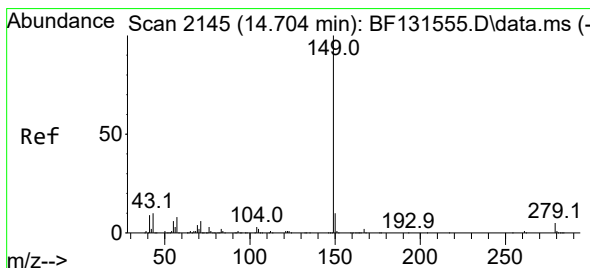
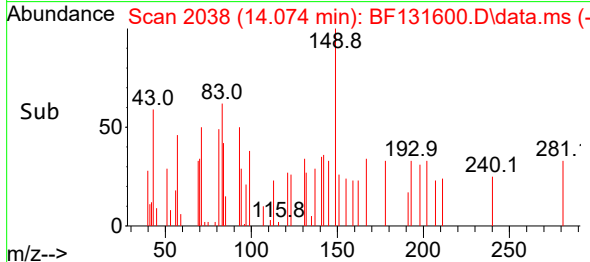
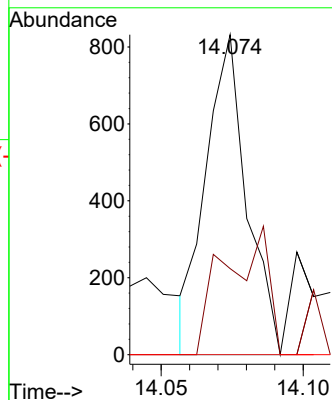
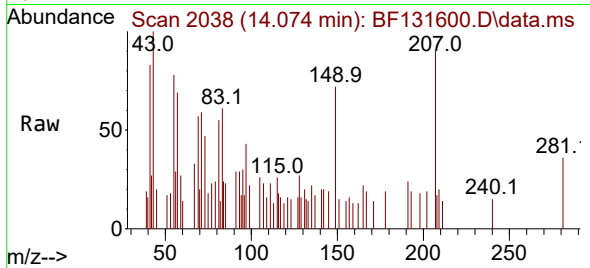




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.223 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

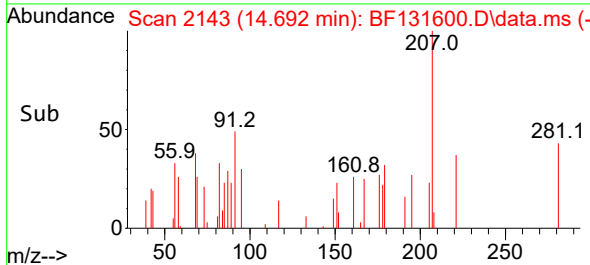
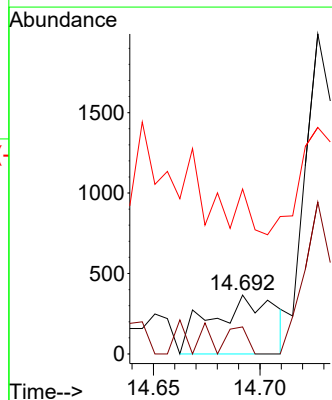
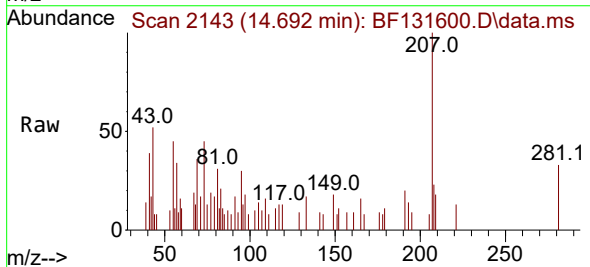
Instrument : BNA_F
ClientSampleId : COMP-SAMPLE-TANK-6-7-8-9-16

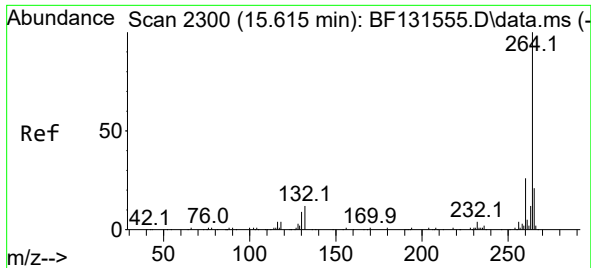
Tgt Ion:149 Resp: 830
Ion Ratio Lower Upper
149 100
167 26.9 20.8 31.2
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 5.319 ng
RT: 14.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

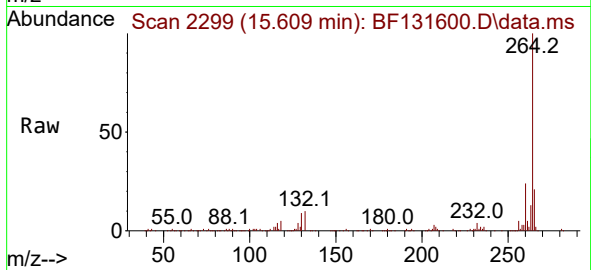
Tgt Ion:149 Resp: 751
Ion Ratio Lower Upper
149 100
167 15.2 1.2 1.8#
43 0.0 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.609 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131600.D
Acq: 12 Dec 2022 19:12

Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-6-7-8-9-16



Tgt Ion:264 Resp: 119497
Ion Ratio Lower Upper
264 100
260 23.9 20.6 30.8
265 20.6 16.8 25.2

