

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131535.D
 Acq On : 06 Dec 2022 19:27
 Operator : CG\JU
 Sample : N5858-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-26-27-28-30

Quant Time: Dec 07 03:24:20 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)

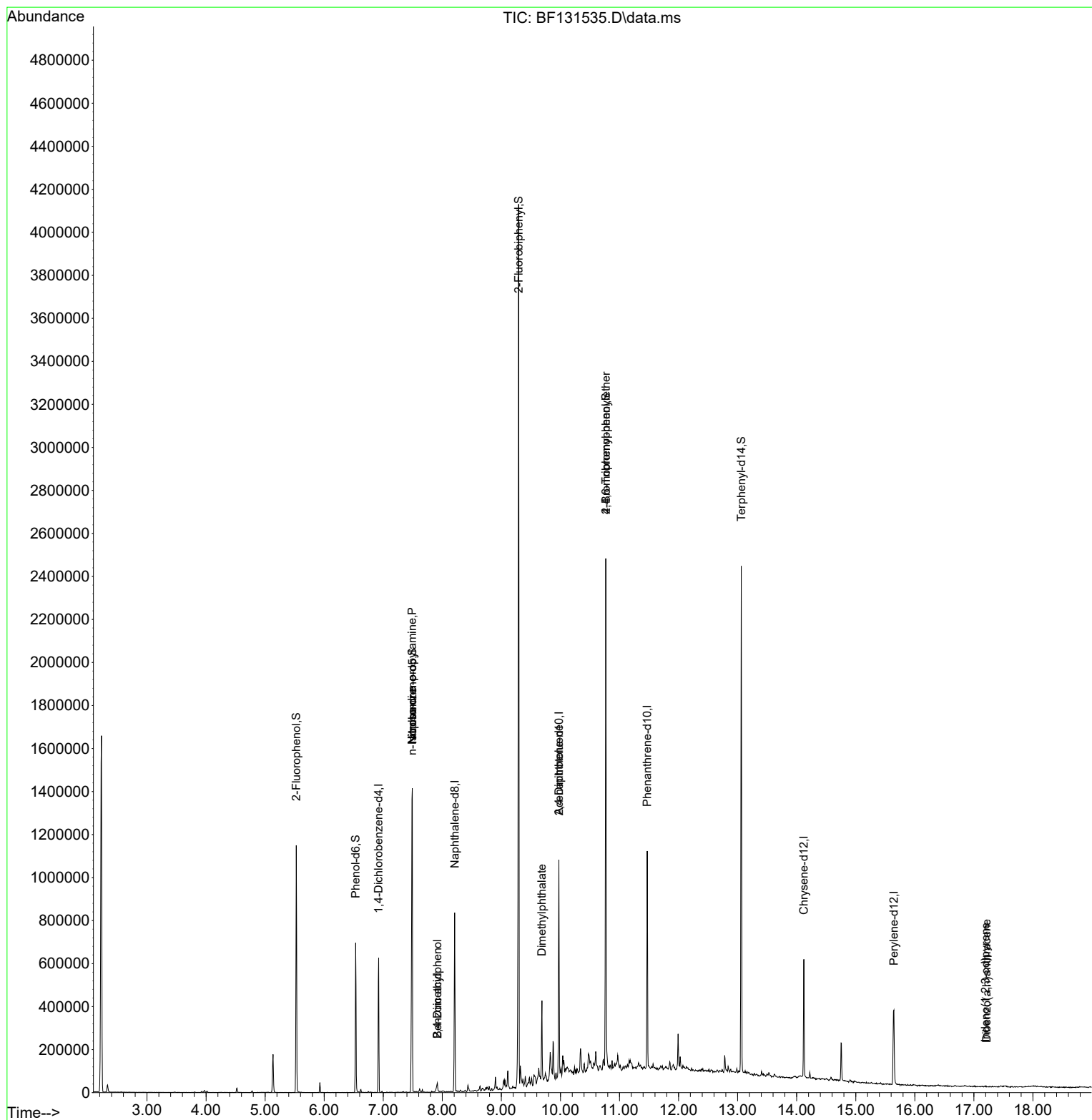
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	94939	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	343018	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	190201	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	348192	20.000	ng	0.00
76) Chrysene-d12	14.121	240	180833	20.000	ng	0.00
86) Perylene-d12	15.645	264	188352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	305831	55.010	ng	0.00
7) Phenol-d6	6.534	99	221410	31.892	ng	-0.01
23) Nitrobenzene-d5	7.492	82	529239	70.813	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	326900	150.945	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1276976	88.076	ng	0.00
79) Terphenyl-d14	13.063	244	753561	62.931	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	73508	15.645	ng	# 77
25) Isophorone	7.492	82	527736	45.394	ng	# 67
27) 2,4-Dimethylphenol	7.916	122	11076	2.443	ng	# 1
32) Benzoic acid	7.916	122	11076	4.052	ng	# 80
50) Dimethylphthalate	9.686	163	133179	9.688	ng	# 99
57) 2,4-Dinitrotoluene	9.975	165	24501	6.357	ng	# 17
67) 4-Bromophenyl-phenylether	10.769	248	19259	4.421	ng	# 1
77) Benzidine	13.063	184	11374	Below Cal		# 89
85) Di-n-octyl phthalate	14.716	149	932	Below Cal		# 78
87) Indeno(1,2,3-cd)pyrene	17.198	276	201	3.036	ng	# 51
91) Dibenzo(a,h)anthracene	17.215	278	314	3.509	ng	# 58

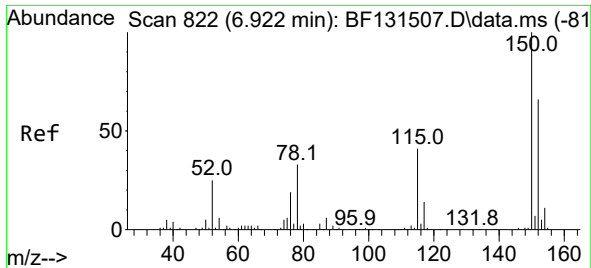
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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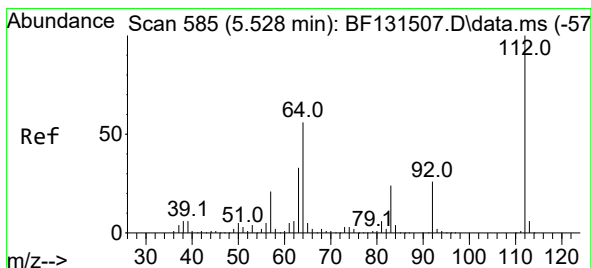
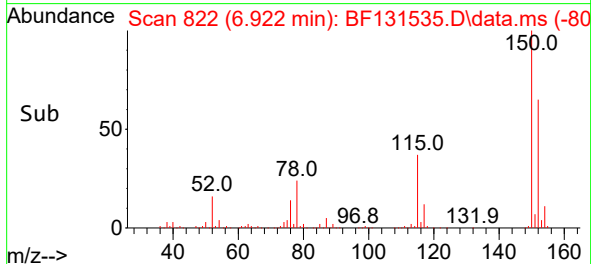
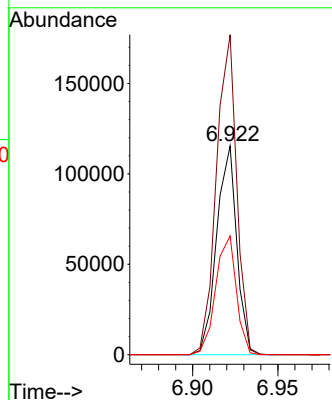
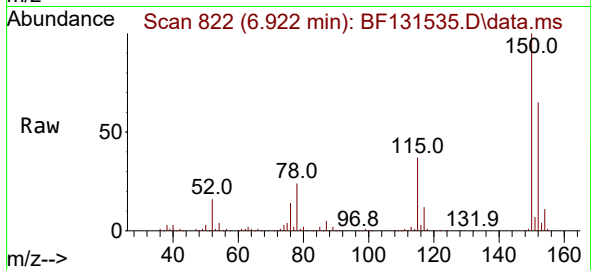




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

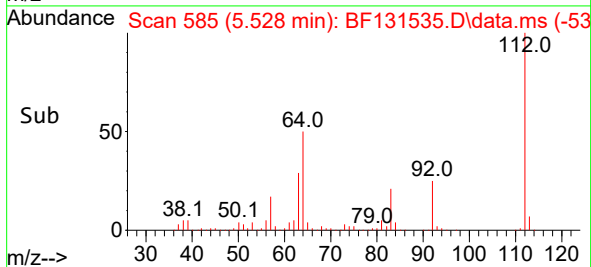
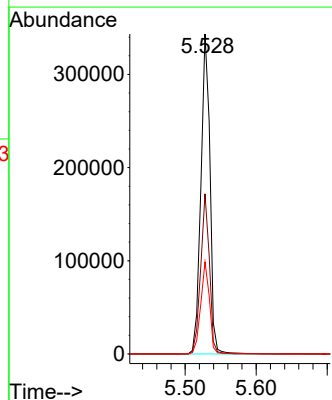
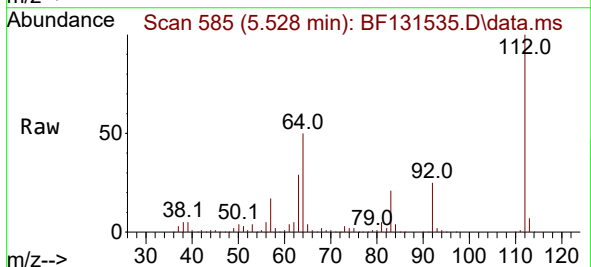
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30

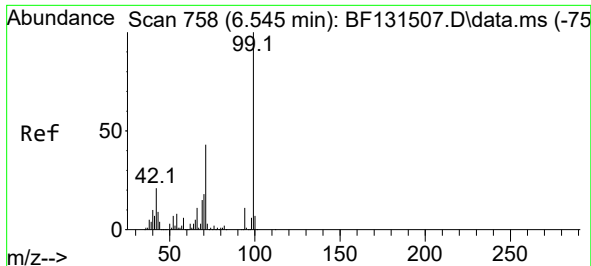
Tgt Ion:152 Resp: 94939
Ion Ratio Lower Upper
152 100
150 153.2 121.9 182.9
115 56.8 50.4 75.6



#5
2-Fluorophenol
Concen: 55.010 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

Tgt Ion:112 Resp: 305831
Ion Ratio Lower Upper
112 100
64 50.0 44.5 66.7
63 28.8 26.7 40.1

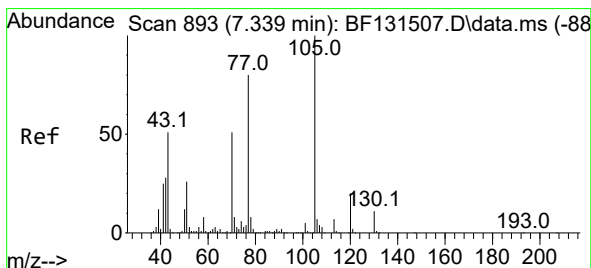
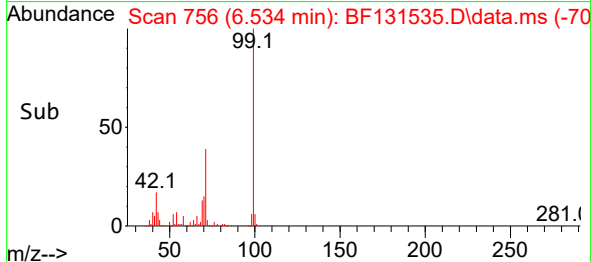
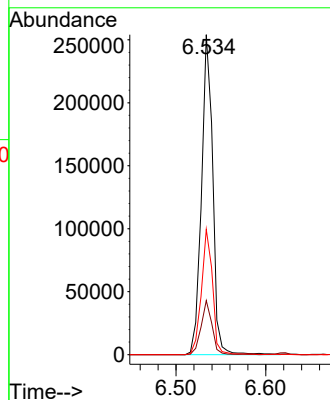
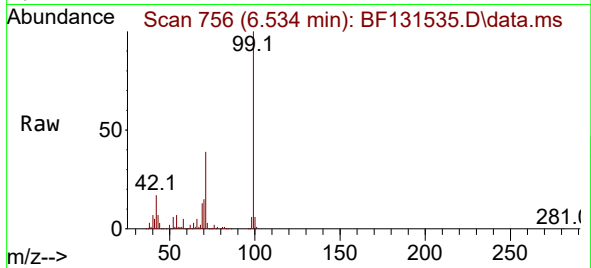




#7
Phenol-d6
Concen: 31.892 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

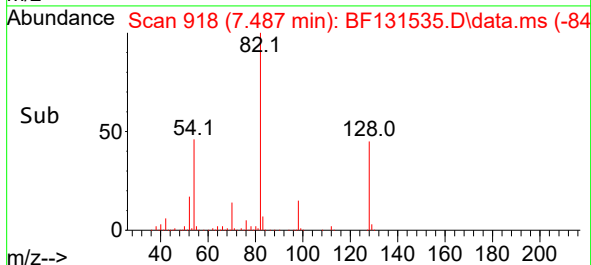
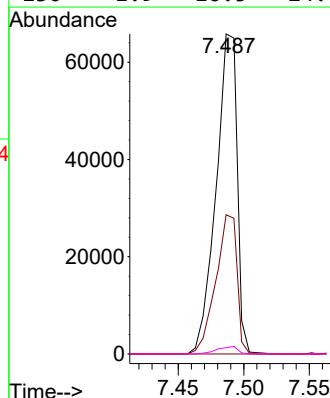
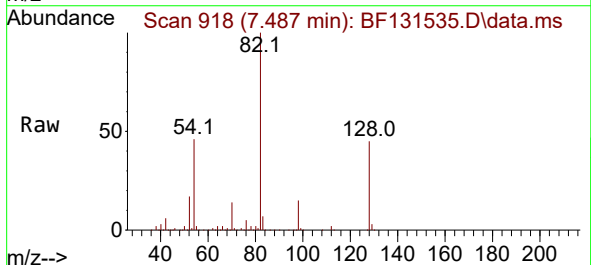
Instrument :
BNA_F
ClientSampleId :
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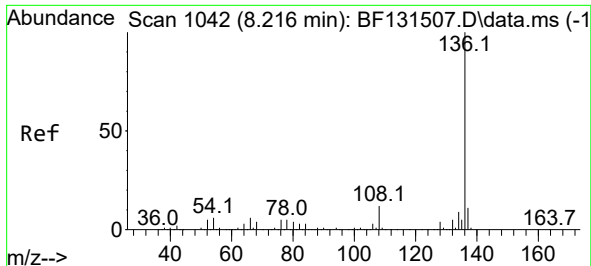
Tgt Ion: 99 Resp: 221410
Ion Ratio Lower Upper
99 100
42 16.9 16.6 25.0
71 39.2 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.645 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

Tgt Ion: 70 Resp: 73508
Ion Ratio Lower Upper
70 100
42 43.5 44.1 66.1#
101 0.0 7.7 11.5#
130 1.9 16.5 24.7#

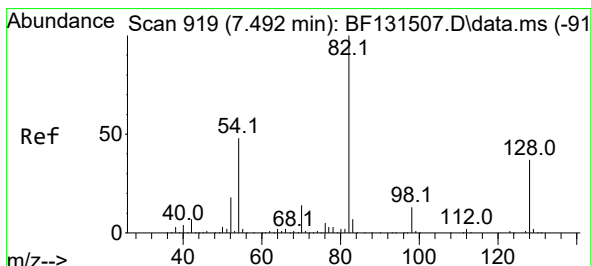
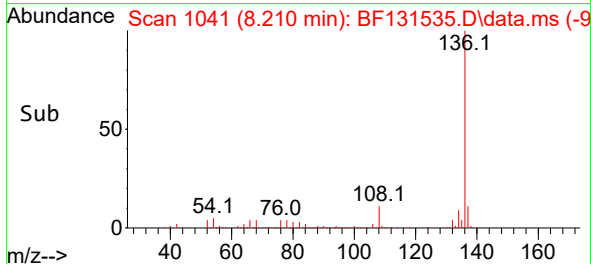
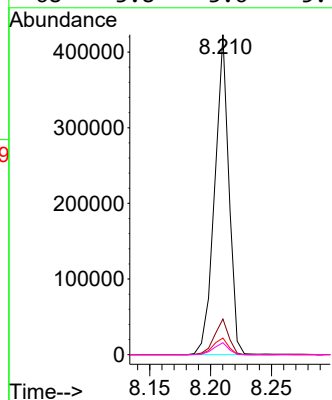
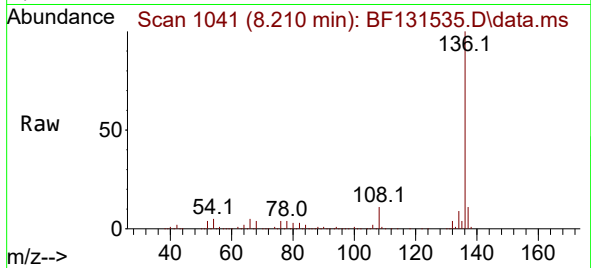




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

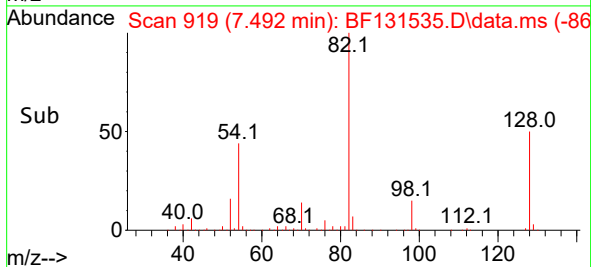
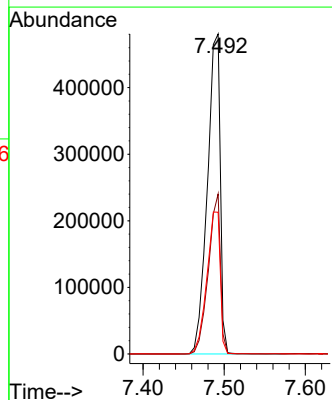
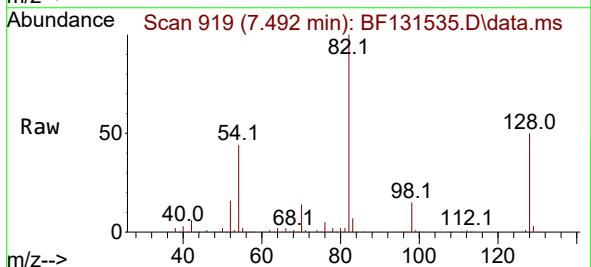
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30

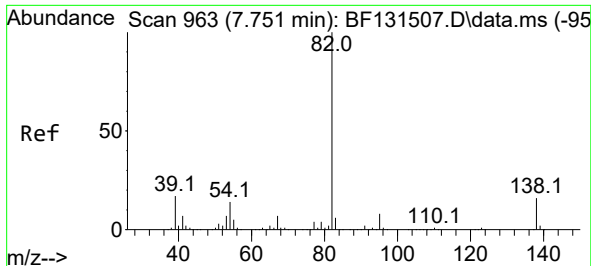
Tgt Ion:136 Resp: 343018
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.2 5.0 7.6
68 3.8 3.6 5.4



#23
Nitrobenzene-d5
Concen: 70.813 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

Tgt Ion: 82 Resp: 529239
Ion Ratio Lower Upper
82 100
128 50.0 29.7 44.5#
54 44.3 38.7 58.1

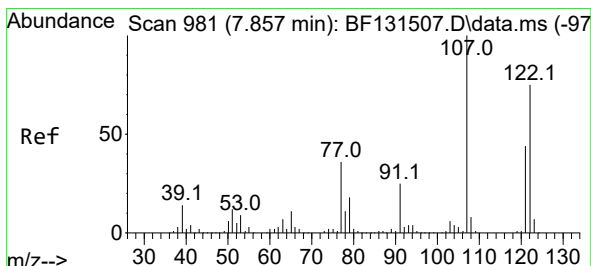
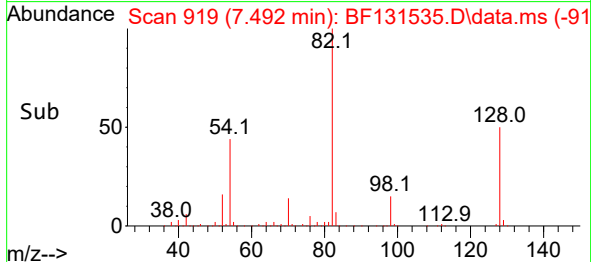
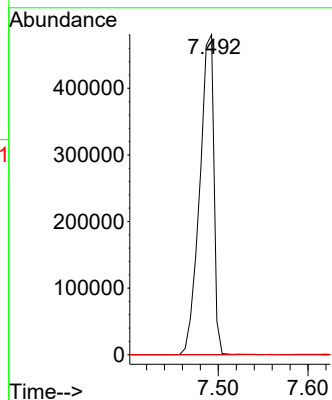
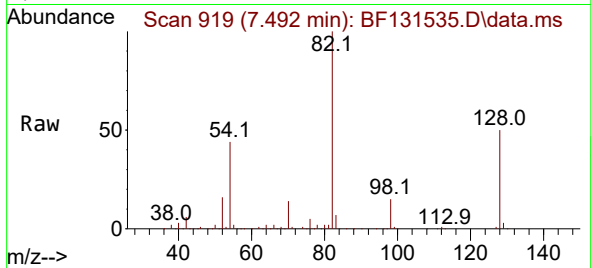




#25
Isophorone
Concen: 45.394 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

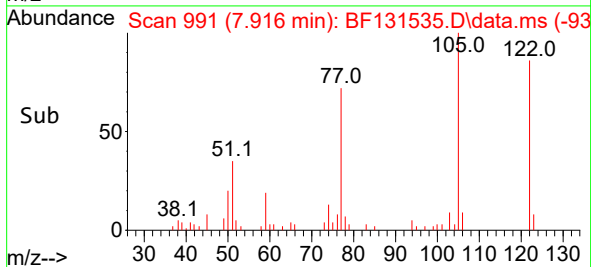
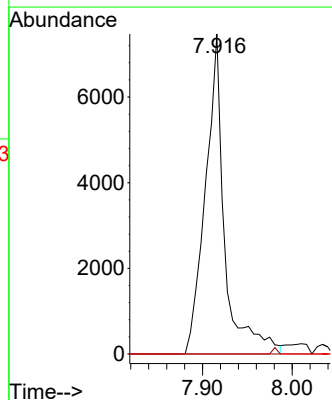
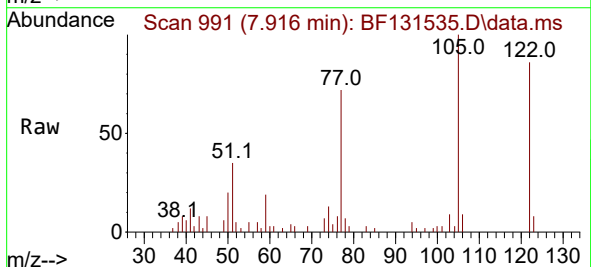
Instrument :
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ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30

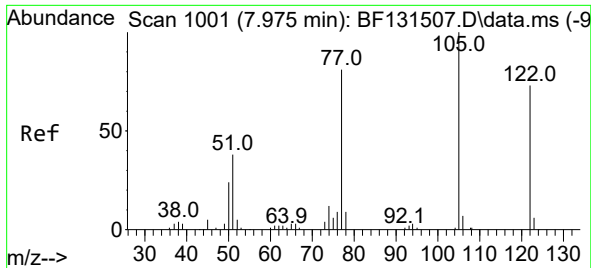
Tgt Ion: 82 Resp: 527736
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#27
2,4-Dimethylphenol
Concen: 2.443 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.059 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

Tgt Ion:122 Resp: 11076
Ion Ratio Lower Upper
122 100
107 0.0 106.8 160.2#
121 0.0 47.3 70.9#

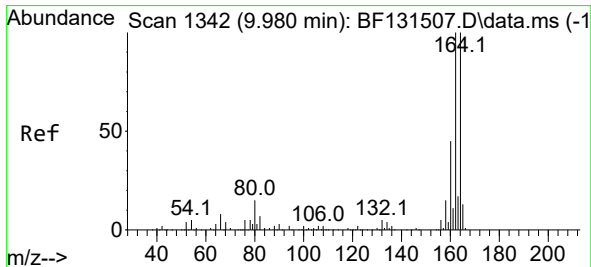
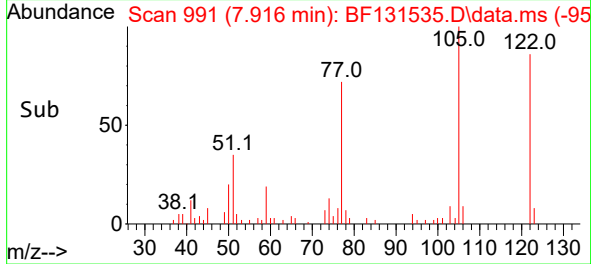
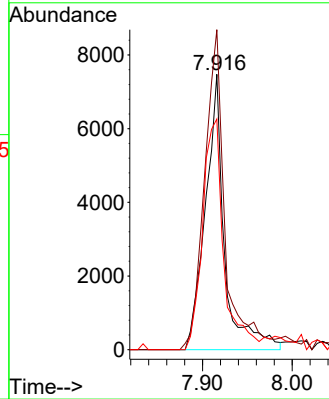
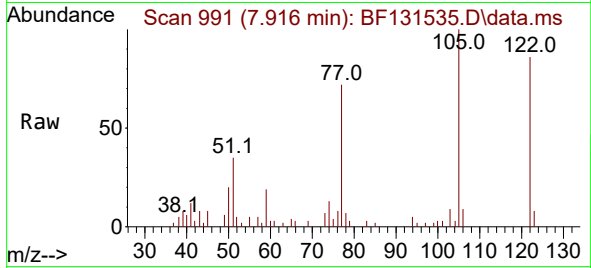




#32
Benzoic acid
Concen: 4.052 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.059 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

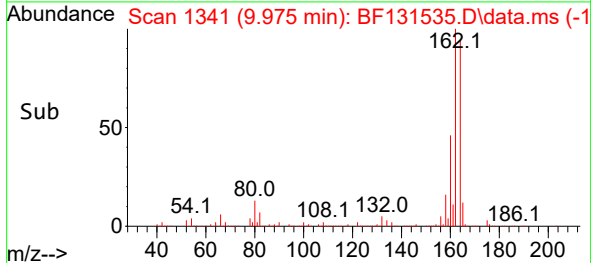
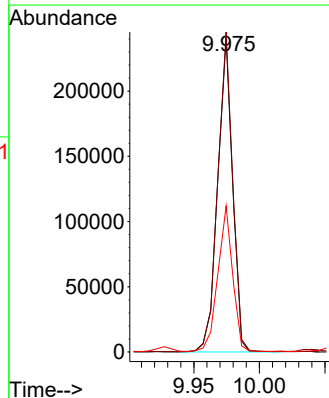
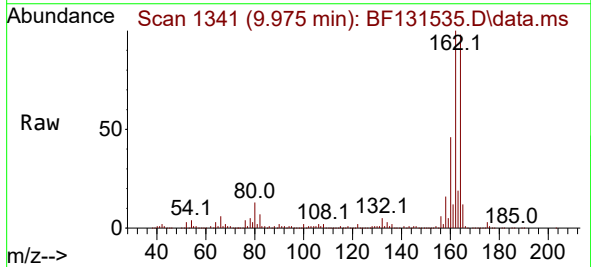
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30

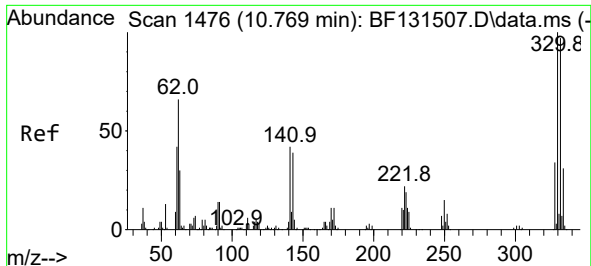
Tgt Ion:122 Resp: 11076
Ion Ratio Lower Upper
122 100
105 116.2 114.0 154.0
77 83.8 90.3 130.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

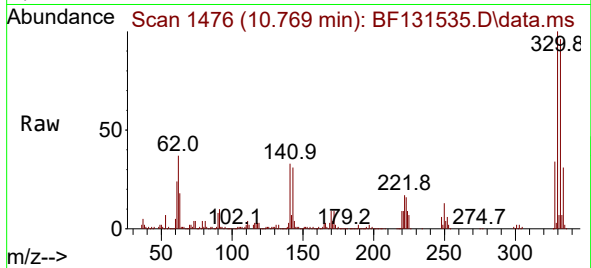
Tgt Ion:164 Resp: 190201
Ion Ratio Lower Upper
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162 102.0 80.1 120.1
160 46.6 36.4 54.6



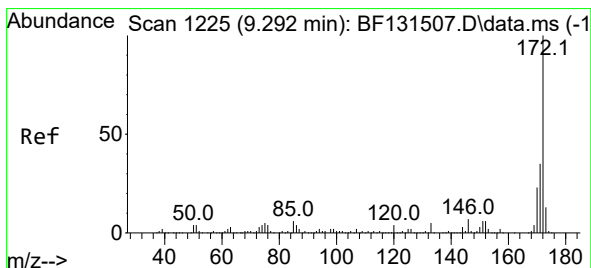
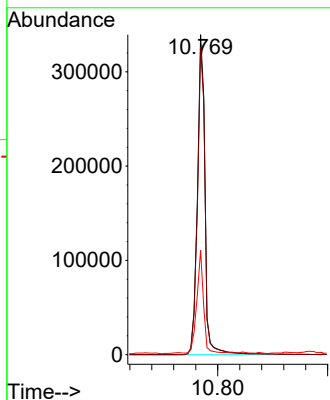
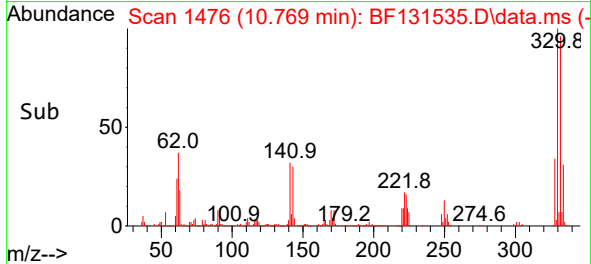


#42
2,4,6-Tribromophenol
Concen: 150.945 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

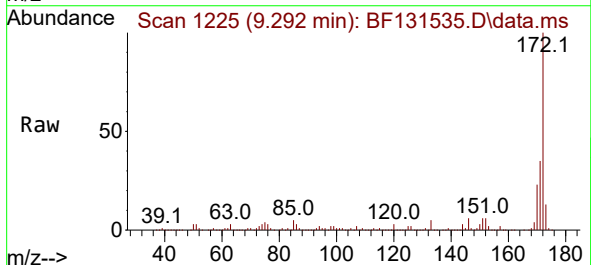
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ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30



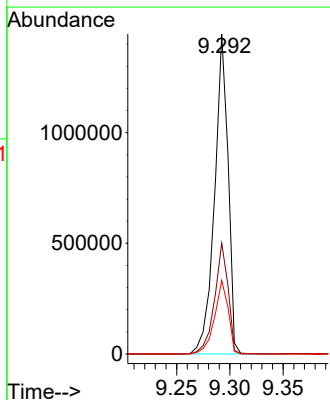
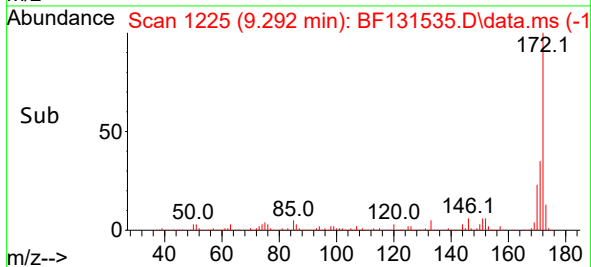
Tgt Ion:330 Resp: 326900
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.2
141 28.2 29.1 43.7#

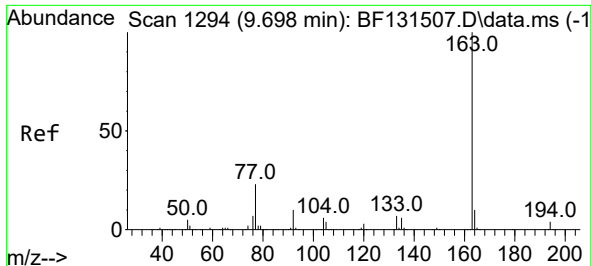


#45
2-Fluorobiphenyl
Concen: 88.076 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27



Tgt Ion:172 Resp: 1276976
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.9 18.7 28.1

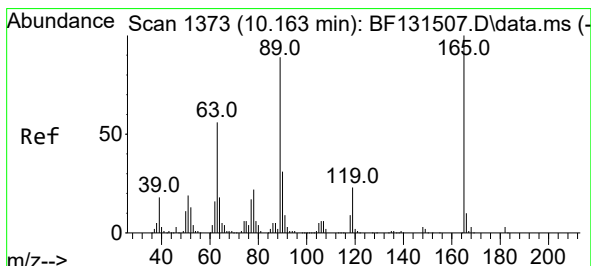
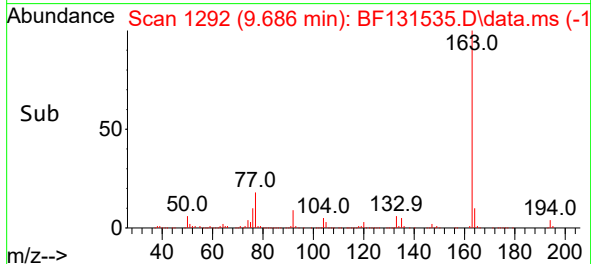
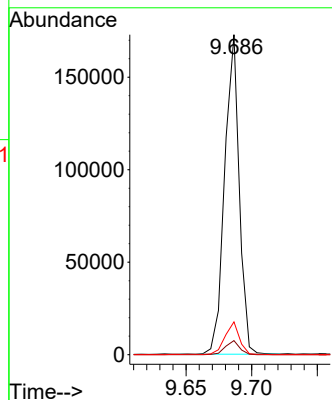
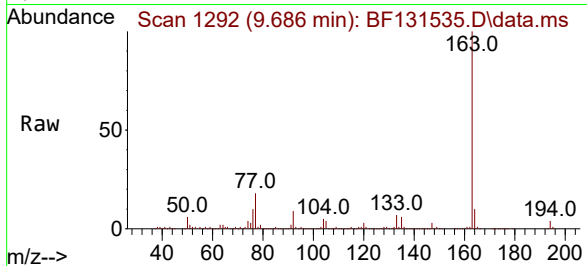




#50
Dimethylphthalate
Concen: 9.688 ng
RT: 9.686 min Scan# 1341
Delta R.T. -0.012 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

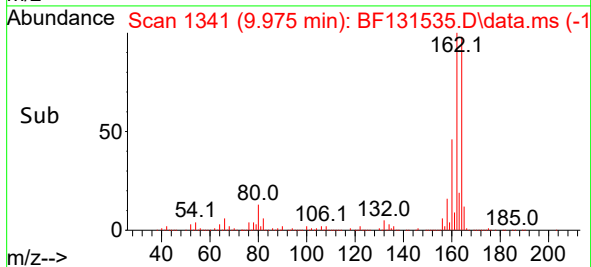
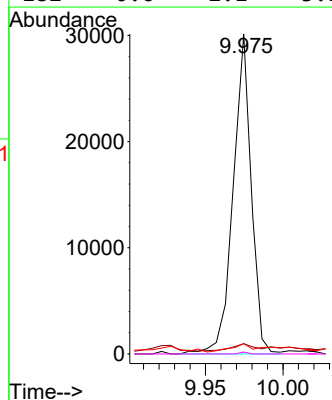
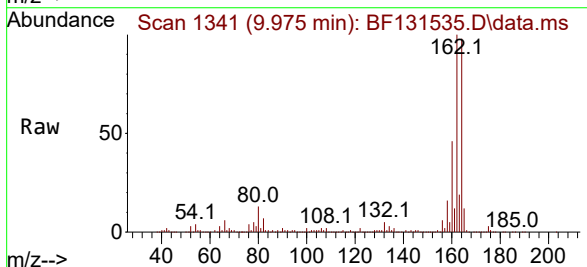
Instrument : BNA_F
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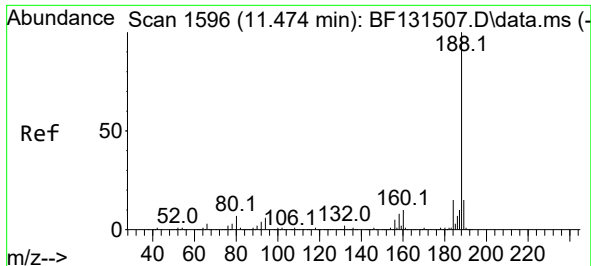
Tgt Ion:163 Resp: 133179
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.3 7.9 11.9



#57
2,4-Dinitrotoluene
Concen: 6.357 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

Tgt Ion:165 Resp: 24501
Ion Ratio Lower Upper
165 100
63 3.2 45.3 67.9#
89 3.3 71.0 106.4#
182 0.6 2.1 3.1#

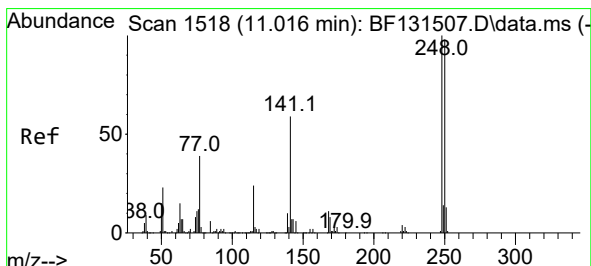
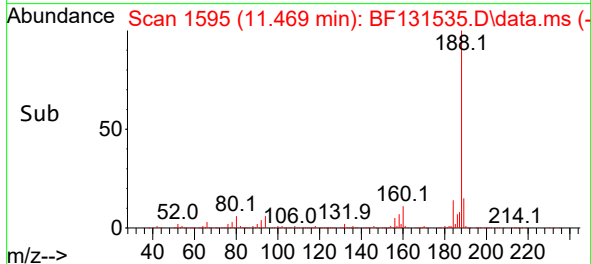
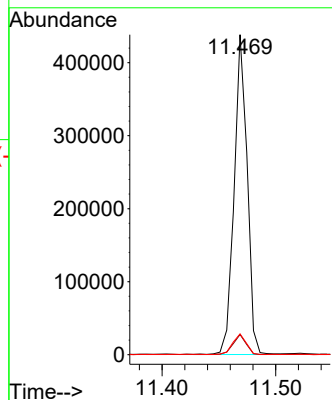
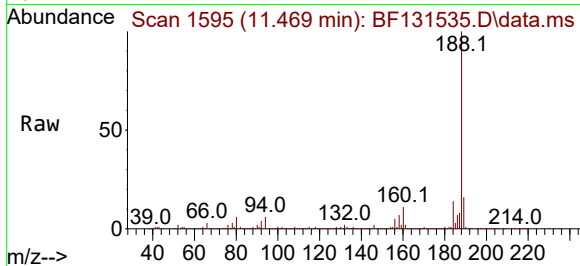




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

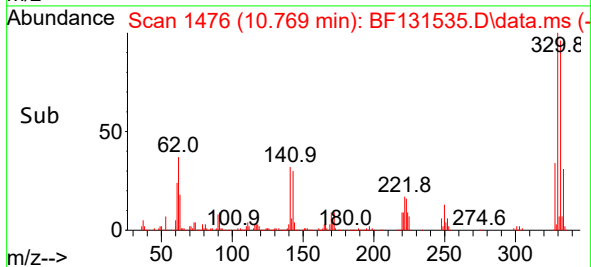
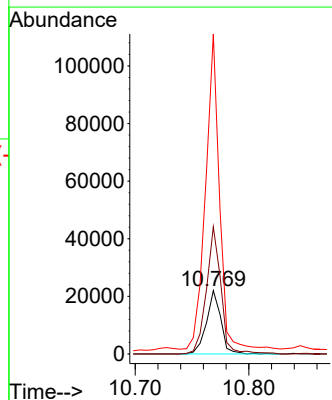
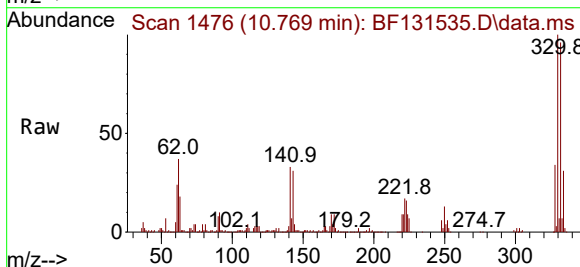
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30

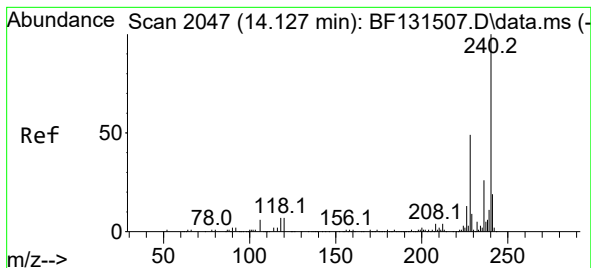
Tgt Ion:188 Resp: 348192
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 6.5 5.9 8.9



#67
4-Bromophenyl-phenylether
Concen: 4.421 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

Tgt Ion:248 Resp: 19259
Ion Ratio Lower Upper
248 100
250 200.9 78.6 117.8#
141 505.5 47.1 70.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BF131535.D

Acq: 06 Dec 2022 19:27

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-26-27-28-30

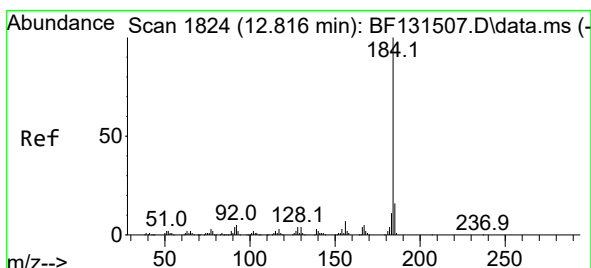
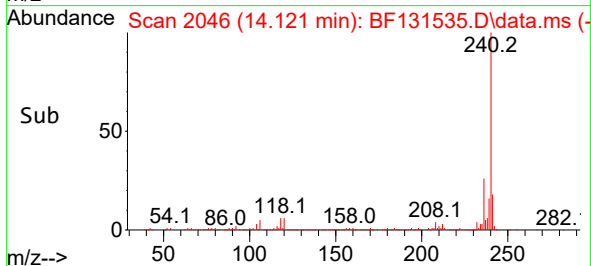
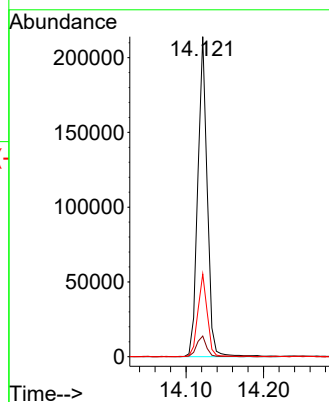
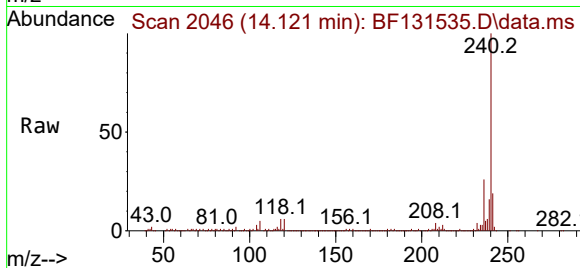
Tgt Ion:240 Resp: 180833

Ion Ratio Lower Upper

240 100

120 6.5 5.6 8.4

236 25.8 20.6 31.0



#77

Benzidine

Concen: Below Cal

RT: 13.063 min Scan# 1866

Delta R.T. 0.247 min

Lab File: BF131535.D

Acq: 06 Dec 2022 19:27

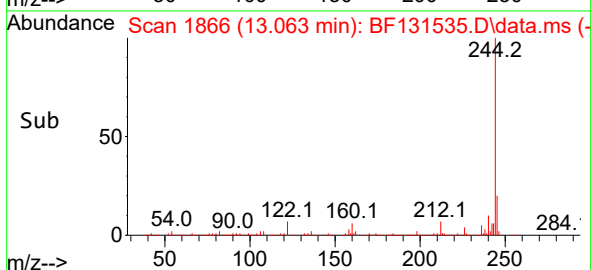
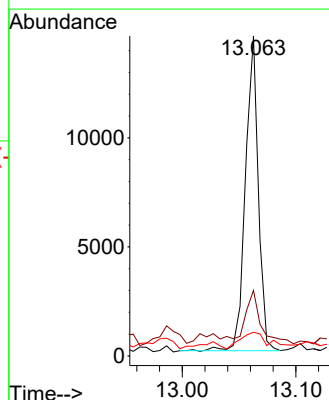
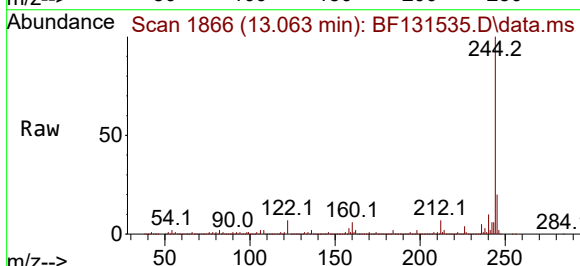
Tgt Ion:184 Resp: 11374

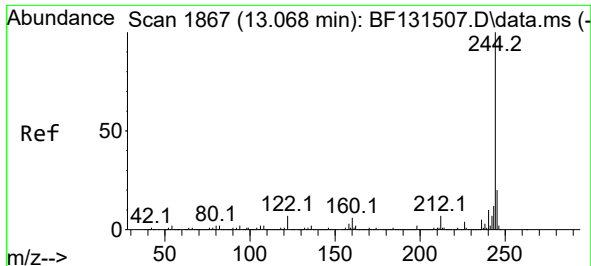
Ion Ratio Lower Upper

184 100

185 20.5 12.6 19.0#

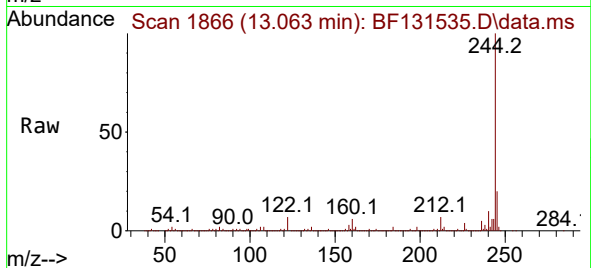
183 7.4 9.0 13.4#



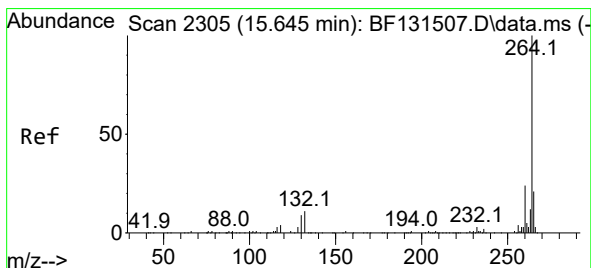
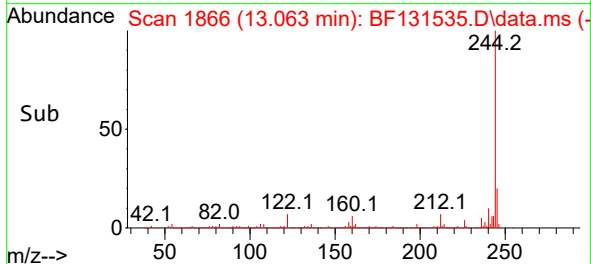
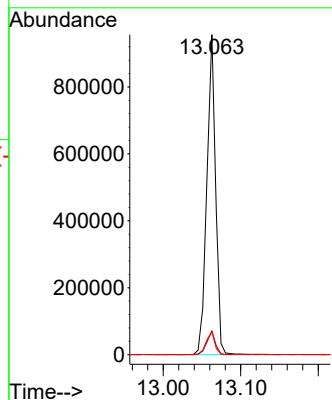


#79
 Terphenyl-d14
 Concen: 62.931 ng
 RT: 13.063 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF131535.D
 Acq: 06 Dec 2022 19:27

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-26-27-28-30

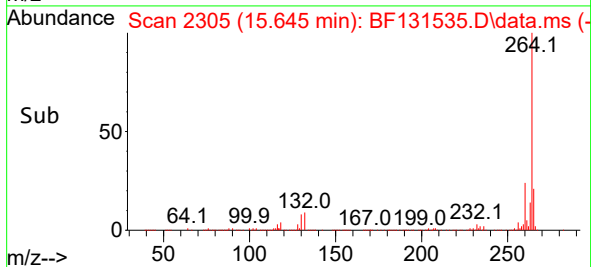
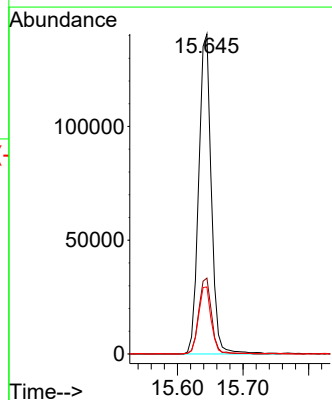
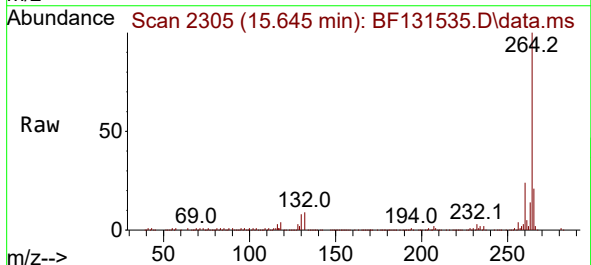


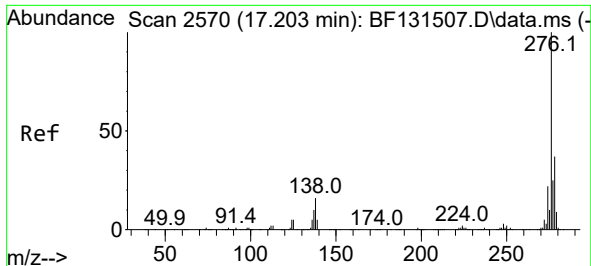
Tgt Ion:244 Resp: 753561
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 7.1 5.4 8.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2305
 Delta R.T. 0.000 min
 Lab File: BF131535.D
 Acq: 06 Dec 2022 19:27

Tgt Ion:264 Resp: 188352
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.0 17.0 25.4

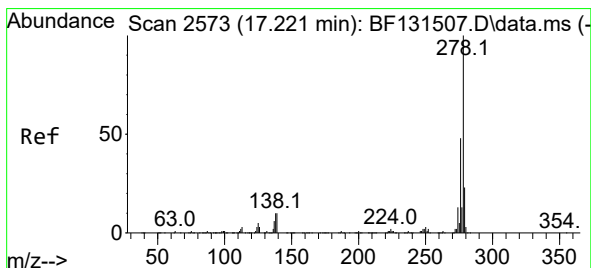
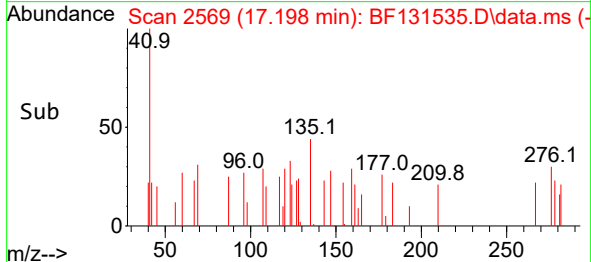
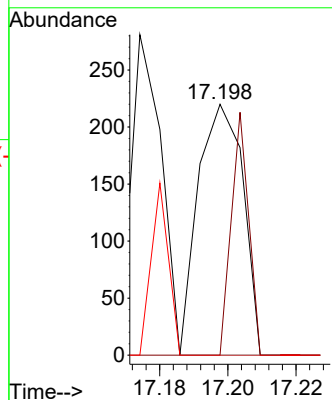
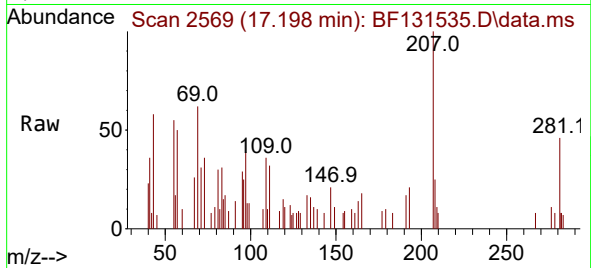




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.036 ng
RT: 17.198 min Scan# 2569
Delta R.T. -0.005 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

Instrument : BNA_F
ClientSampleId : COMP-SAMPLE-TANK-26-27-28-30

Tgt Ion:276 Resp: 201
Ion Ratio Lower Upper
276 100
138 37.3 13.2 19.8#
277 0.0 19.6 29.4#



#91
Dibenzo(a,h)anthracene
Concen: 3.509 ng
RT: 17.215 min Scan# 2572
Delta R.T. -0.006 min
Lab File: BF131535.D
Acq: 06 Dec 2022 19:27

Tgt Ion:278 Resp: 314
Ion Ratio Lower Upper
278 100
139 0.0 8.4 12.6#
279 0.0 18.8 28.2#

