

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137531.D
 Acq On : 07 Mar 2024 15:47
 Operator : CG\JU
 Sample : P1688-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Mar 07 16:06:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

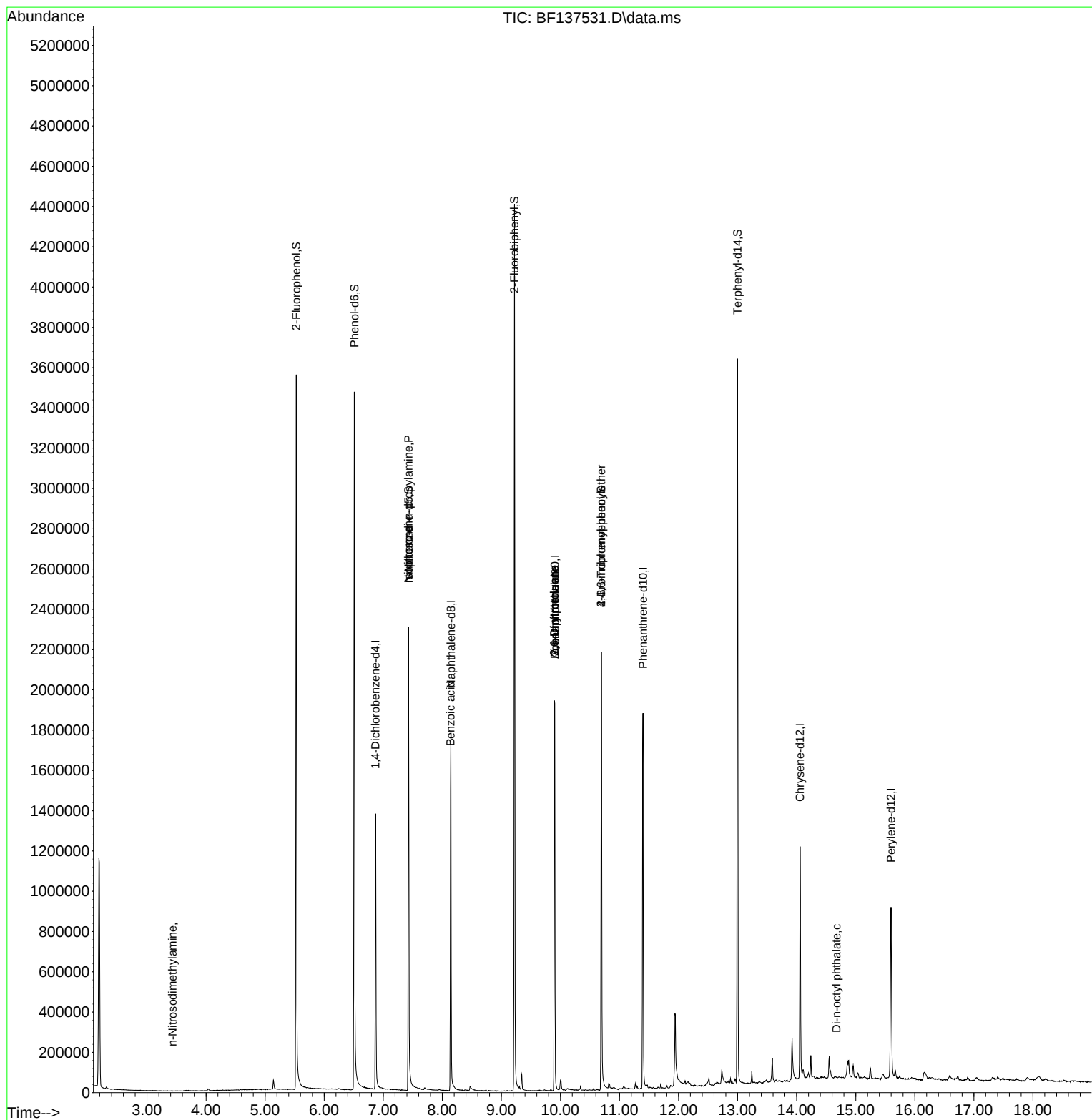
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	204701	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	798131	20.000	ng	0.01
39) Acenaphthene-d10	9.904	164	429616	20.000	ng	0.01
64) Phenanthrene-d10	11.398	188	699273	20.000	ng	0.01
76) Chrysene-d12	14.057	240	382429	20.000	ng	0.00
86) Perylene-d12	15.598	264	417216	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	942812	69.757	ng	0.02
7) Phenol-d6	6.510	99	1289501	66.096	ng	0.00
23) Nitrobenzene-d5	7.428	82	781337	45.486	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	247315	65.553	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1295532	47.204	ng	0.00
79) Terphenyl-d14	12.998	244	1242694	44.684	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.434	42	280	3.844	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	97722	8.111	ng	# 81
25) Isophorone	7.428	82	781332	23.942	ng	# 69
32) Benzoic acid	8.139	122	149	6.316	ng	# 1
50) Dimethylphthalate	9.904	163	72115	2.411	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	55593	8.887	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	55593	7.234	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	16570	2.176	ng	# 1
85) Di-n-octyl phthalate	14.674	149	553	5.628	ng	# 72

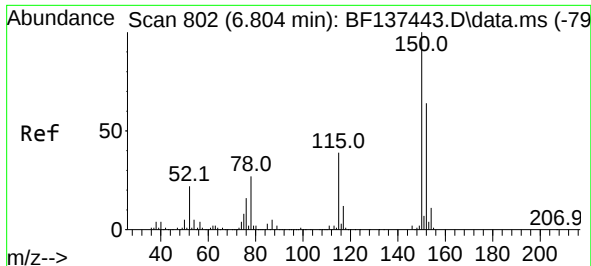
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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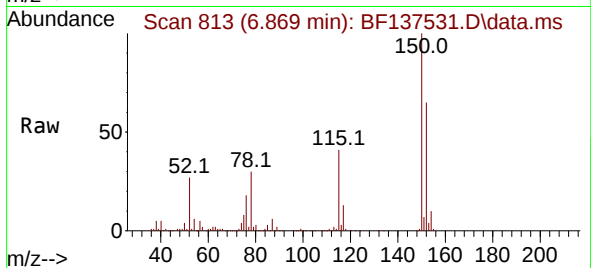
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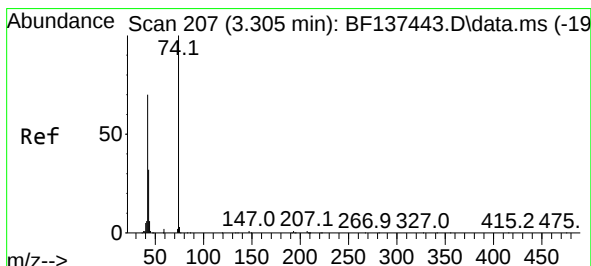
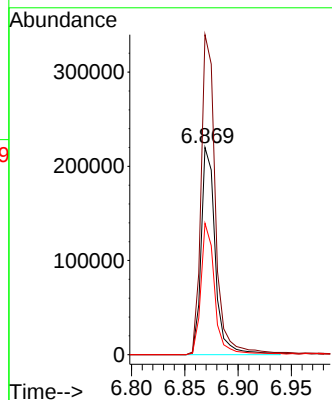
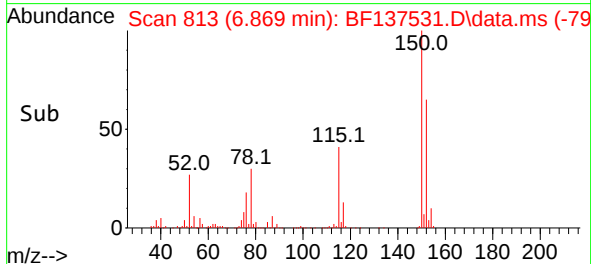


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

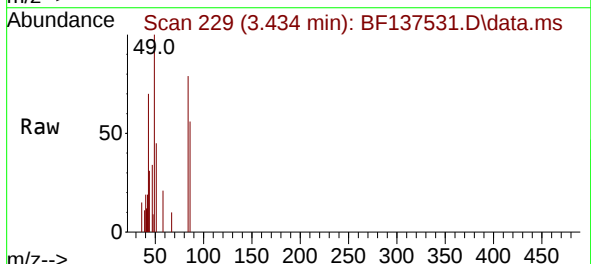
Instrument :
BNA_F
ClientSampleId :
COMP-2



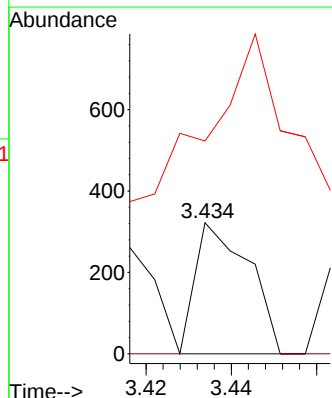
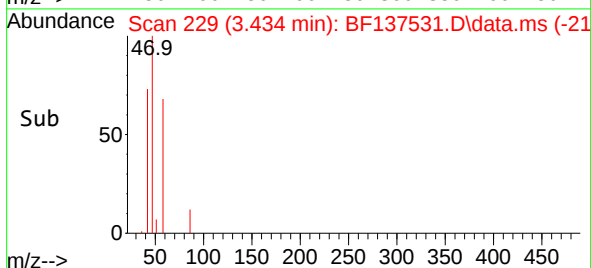
Tgt Ion:152 Resp: 204701
Ion Ratio Lower Upper
152 100
150 154.5 125.8 188.6
115 63.4 48.8 73.2

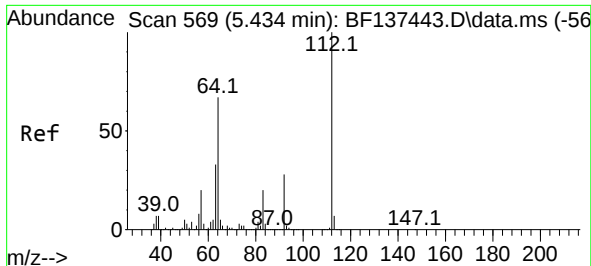


#4
n-Nitrosodimethylamine
Concen: 3.844 ng
RT: 3.434 min Scan# 229
Delta R.T. -0.012 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47



Tgt Ion: 42 Resp: 280
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 162.4 7.0 10.4#

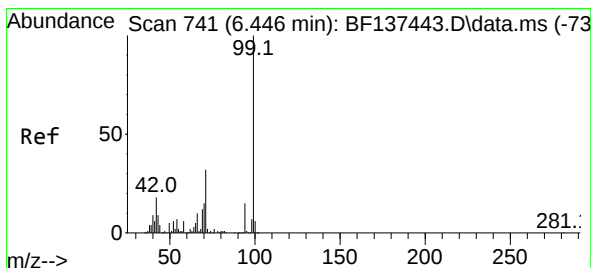
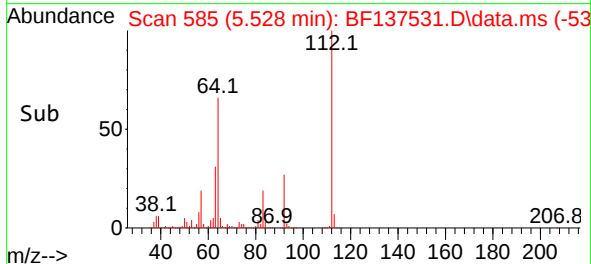
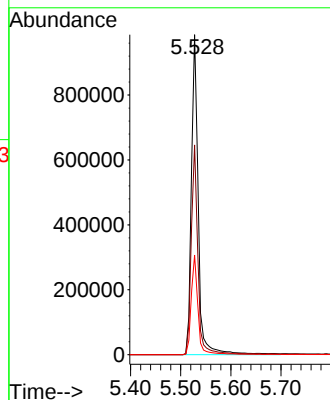
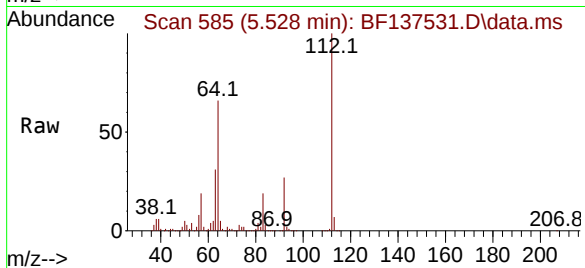




#5
2-Fluorophenol
Concen: 69.757 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

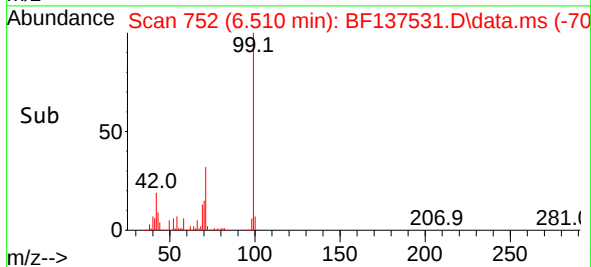
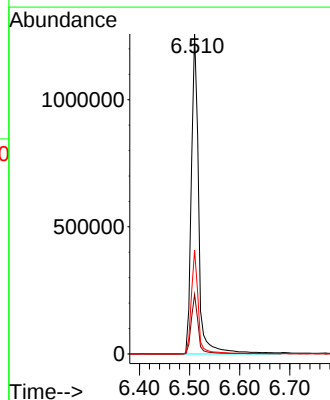
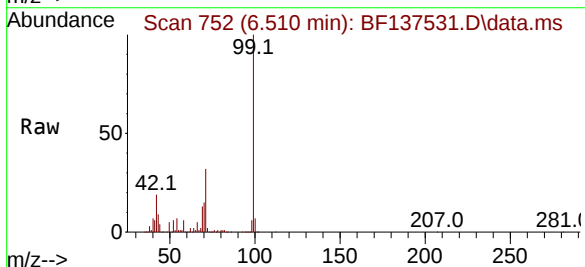
Instrument :
BNA_F
ClientSampleId :
COMP-2

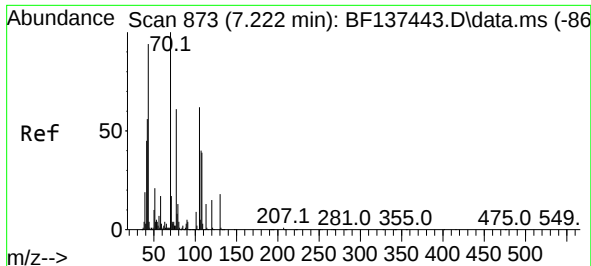
Tgt Ion:112 Resp: 942812
Ion Ratio Lower Upper
112 100
64 65.6 53.4 80.2
63 31.2 26.2 39.2



#7
Phenol-d6
Concen: 66.096 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion: 99 Resp: 1289501
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 32.4 25.3 37.9

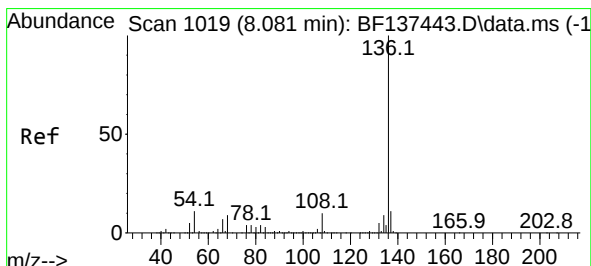
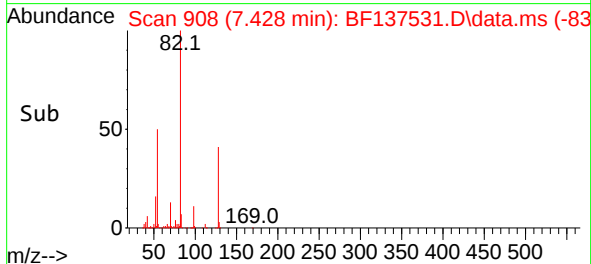
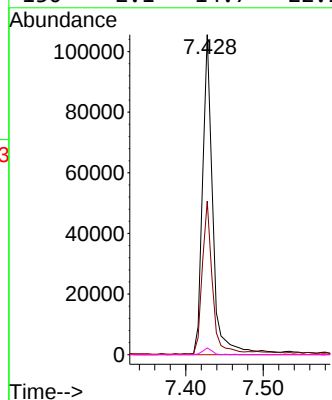
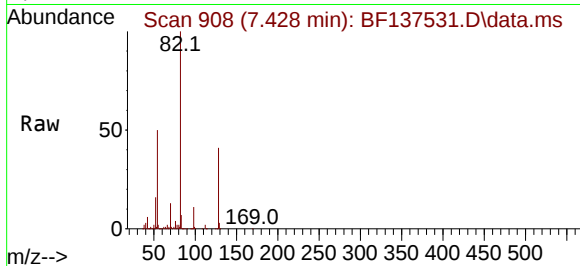




#19
n-Nitroso-di-n-propylamine
Concen: 8.111 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

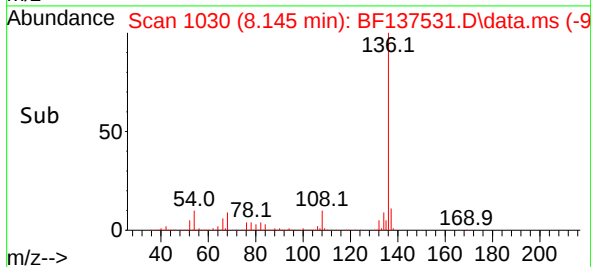
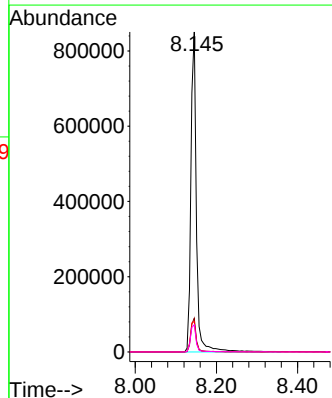
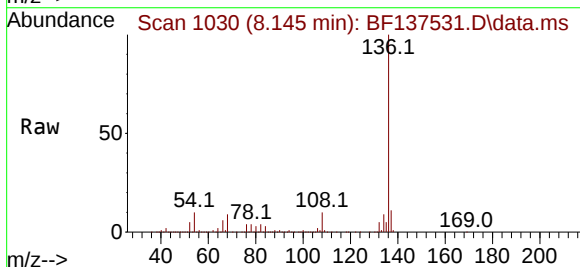
Instrument :
BNA_F
ClientSampleId :
COMP-2

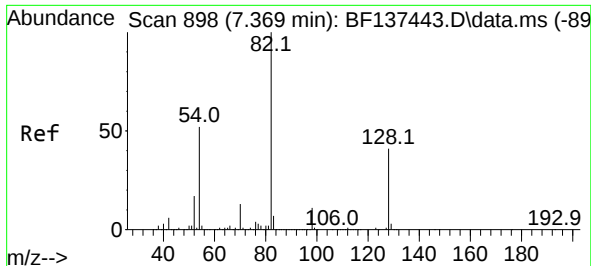
Tgt Ion: 70	Resp: 97722
Ion Ratio	Lower Upper
70 100	
42 48.0	45.2 67.8
101 0.0	7.3 10.9#
130 2.1	14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.012 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion: 136	Resp: 798131
Ion Ratio	Lower Upper
136 100	
137 10.6	9.1 13.7
54 9.6	8.5 12.7
68 8.5	7.4 11.2





#23

Nitrobenzene-d5

Concen: 45.486 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF137531.D

Acq: 07 Mar 2024 15:47

Instrument :

BNA_F

ClientSampleId :

COMP-2

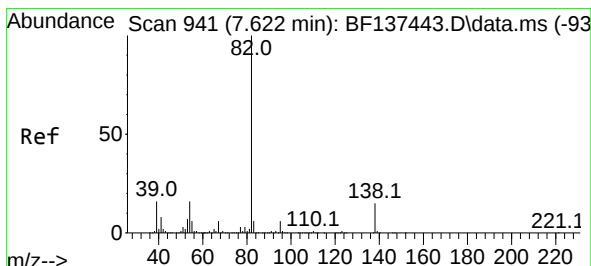
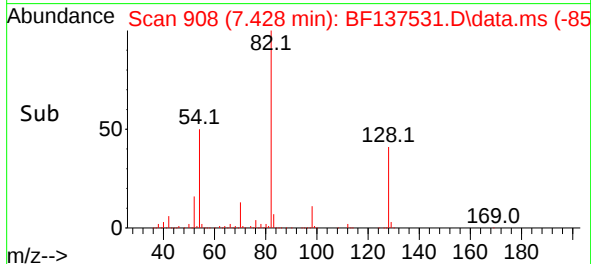
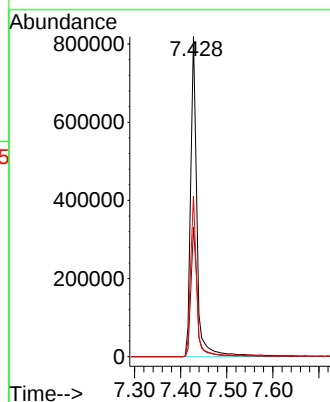
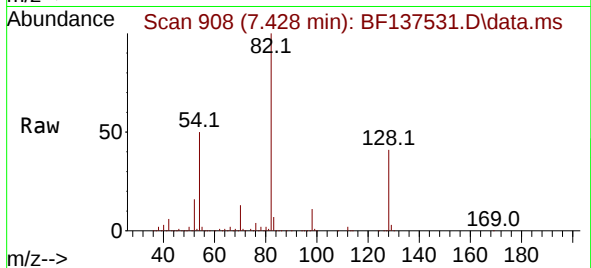
Tgt Ion: 82 Resp: 781337

Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

54 50.2 41.5 62.3



#25

Isophorone

Concen: 23.942 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.253 min

Lab File: BF137531.D

Acq: 07 Mar 2024 15:47

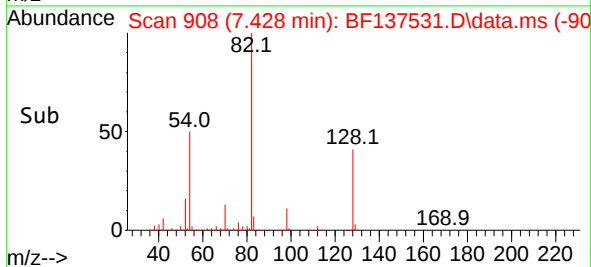
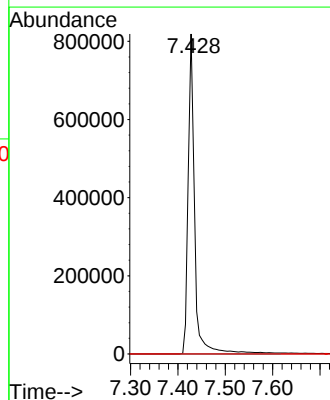
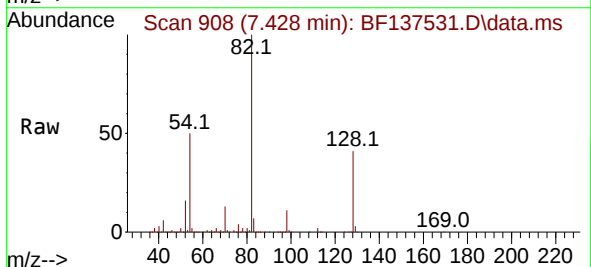
Tgt Ion: 82 Resp: 781332

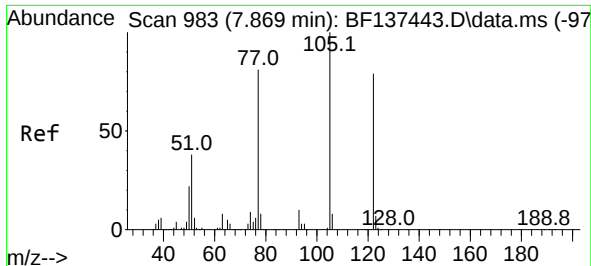
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

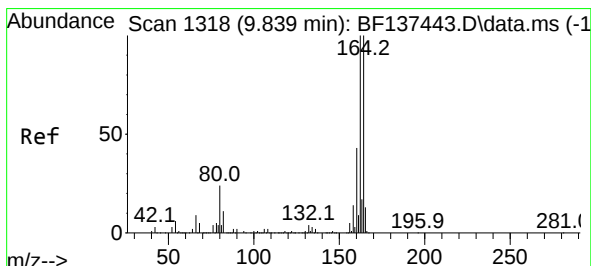
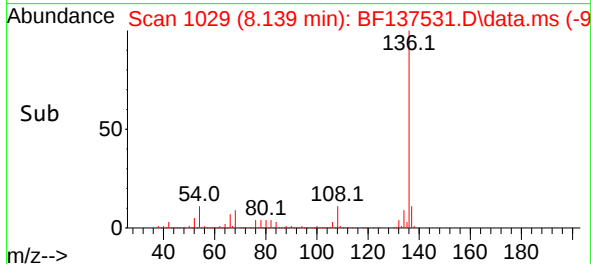
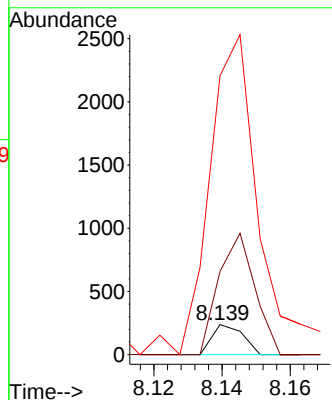
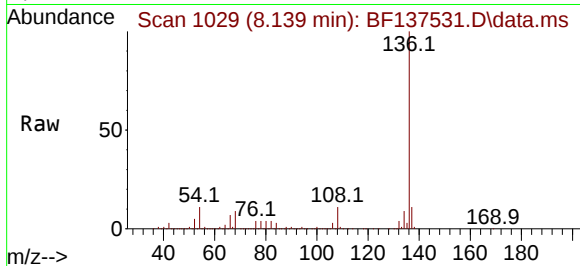




#32
Benzoic acid
Concen: 6.316 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.212 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

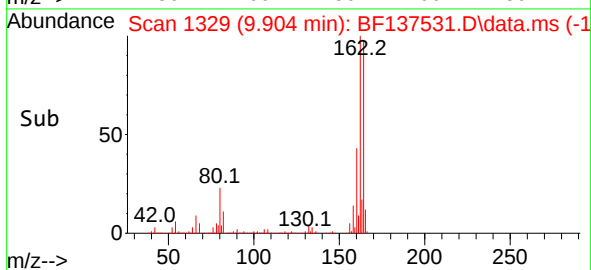
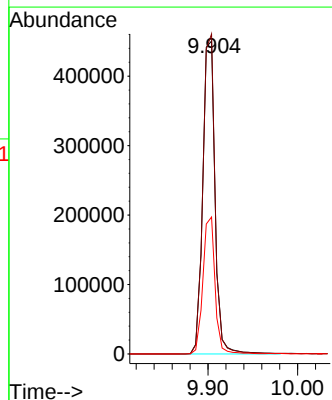
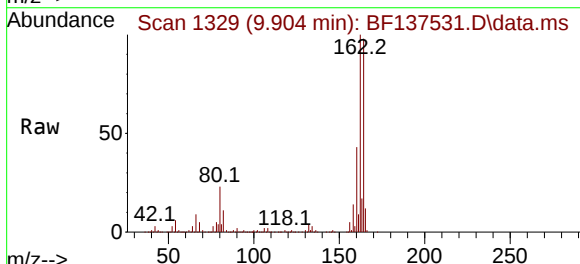
Instrument :
BNA_F
ClientSampleId :
COMP-2

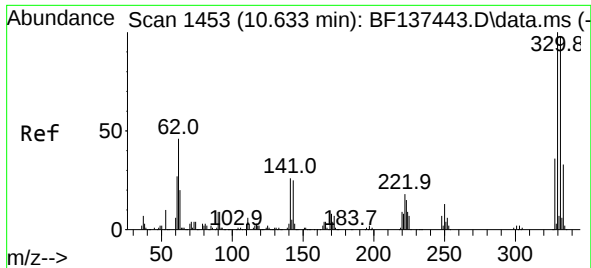
Tgt Ion:122 Resp: 149
Ion Ratio Lower Upper
122 100
105 276.9 102.4 142.4#
77 927.3 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion:164 Resp: 429616
Ion Ratio Lower Upper
164 100
162 102.2 79.8 119.8
160 43.8 34.4 51.6

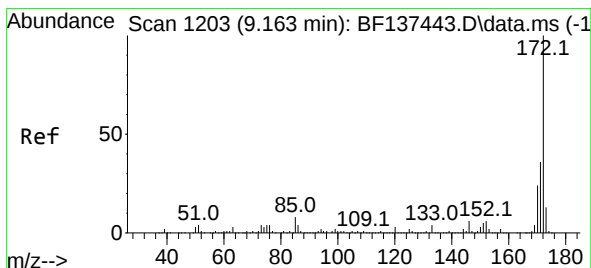
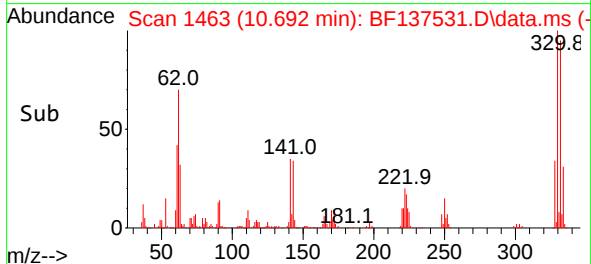
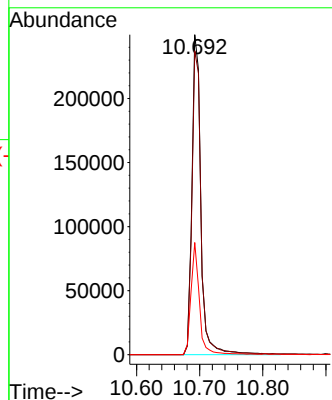
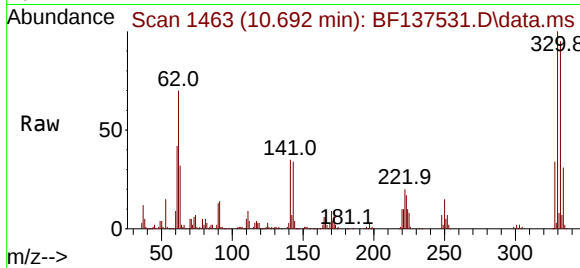




#42
2,4,6-Tribromophenol
Concen: 65.553 ng
RT: 10.692 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

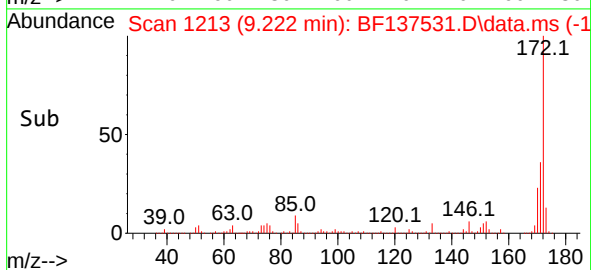
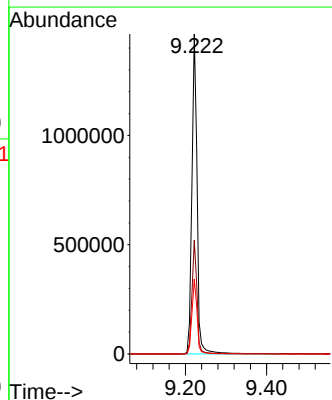
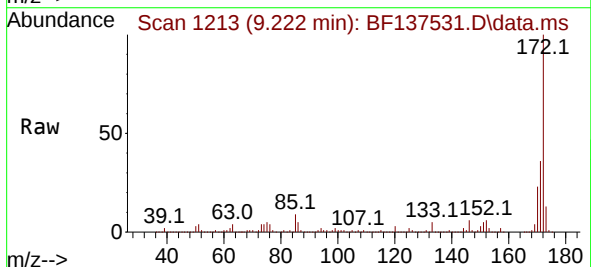
Instrument :
BNA_F
ClientSampleId :
COMP-2

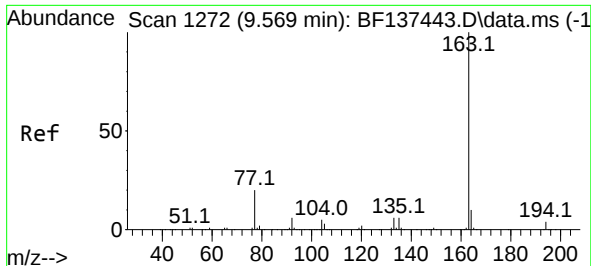
Tgt Ion:330 Resp: 247315
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 33.2 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 47.204 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion:172 Resp: 1295532
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.5 19.0 28.6

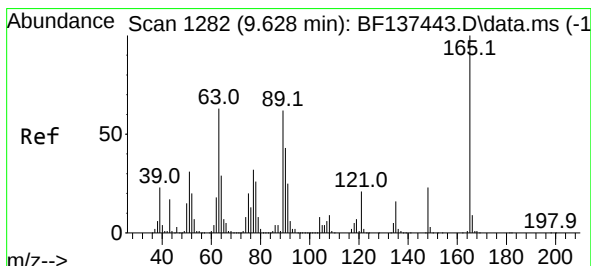
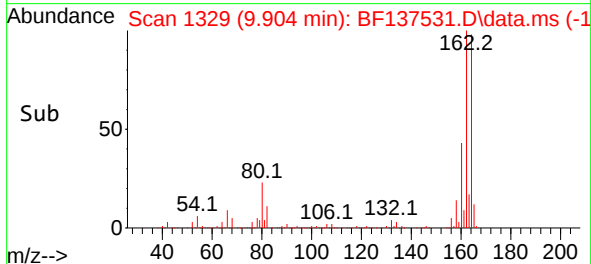
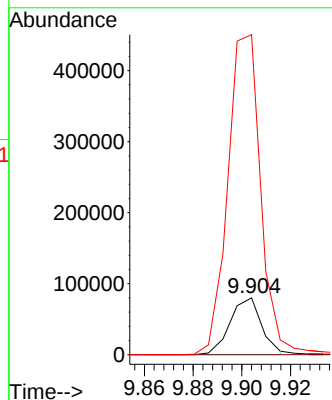
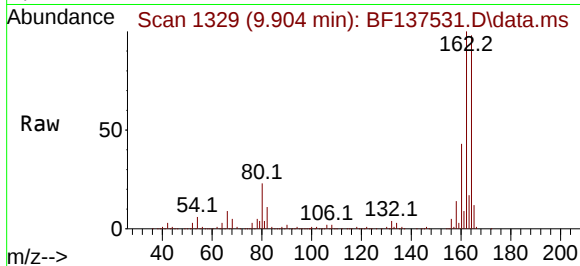




#50
Dimethylphthalate
Concen: 2.411 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.277 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

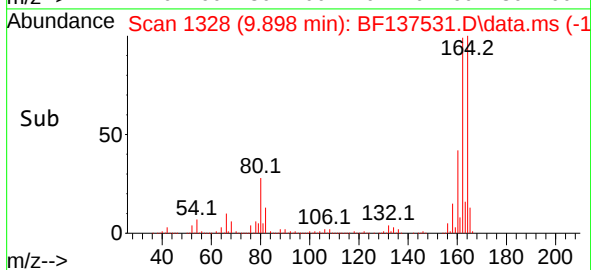
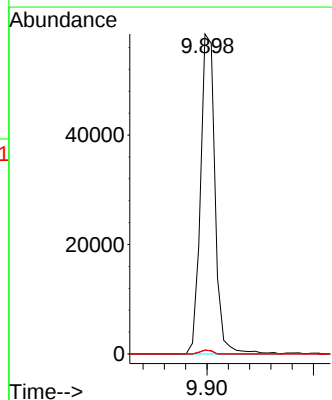
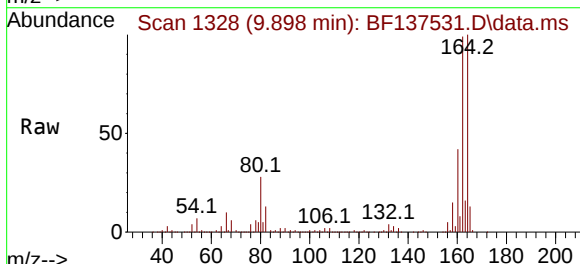
Instrument :
BNA_F
ClientSampleId :
COMP-2

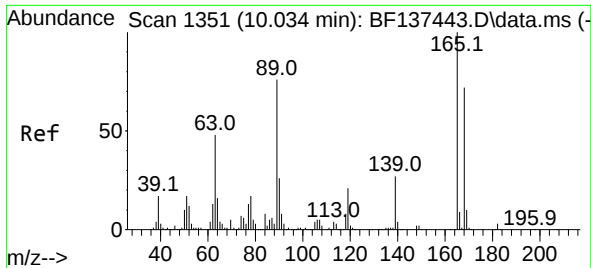
Tgt Ion:163 Resp: 72115
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 563.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.887 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion:165 Resp: 55593
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 1.1 50.0 75.0#

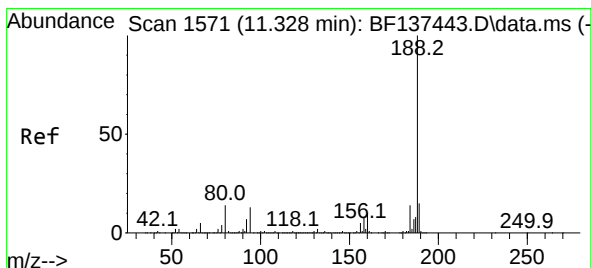
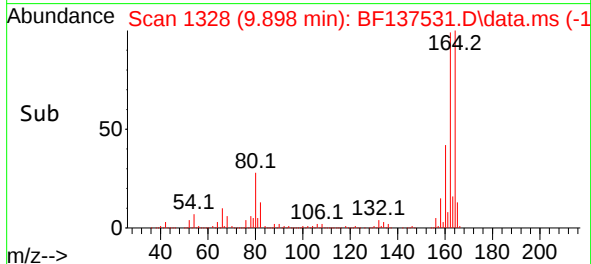
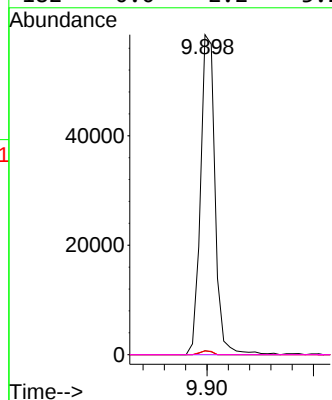
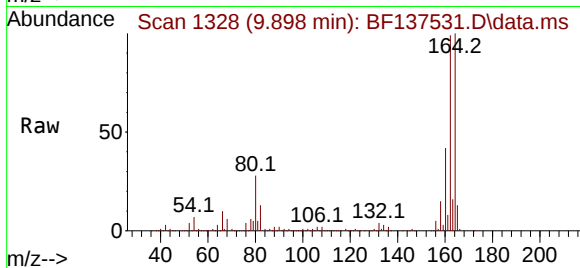




#57
2,4-Dinitrotoluene
Concen: 7.234 ng
RT: 9.898 min Scan# 1583
Delta R.T. -0.194 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

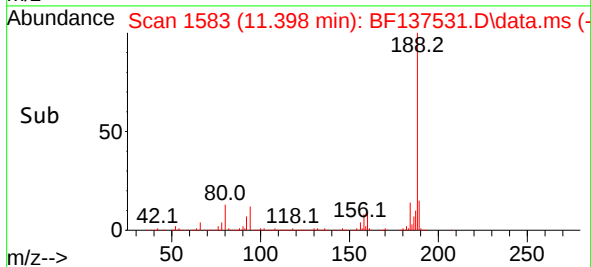
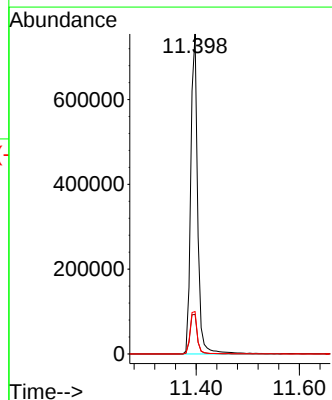
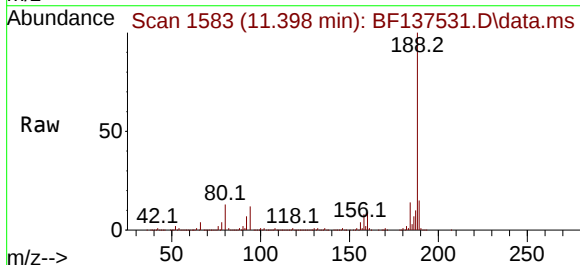
Instrument :
BNA_F
ClientSampleId :
COMP-2

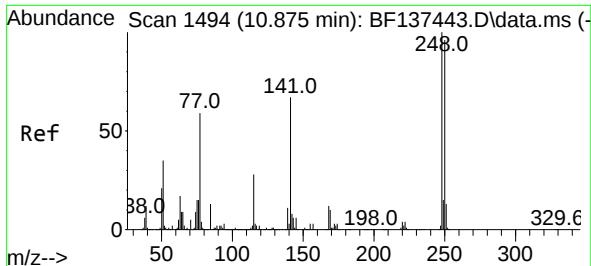
Tgt Ion:165 Resp: 55593
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.012 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion:188 Resp: 699273
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 13.2 11.5 17.3

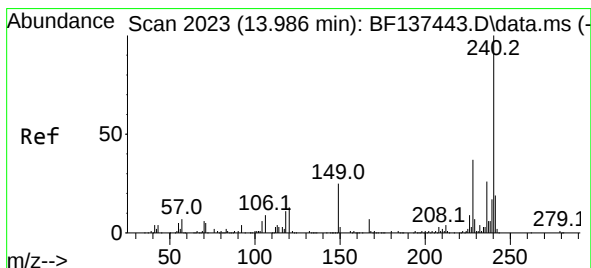
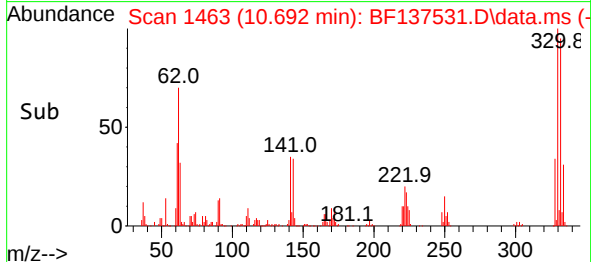
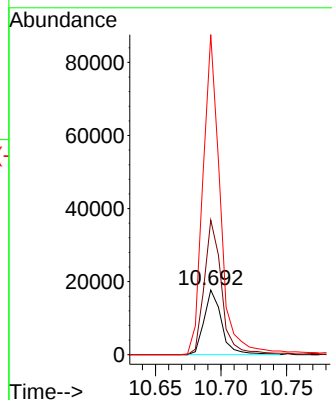
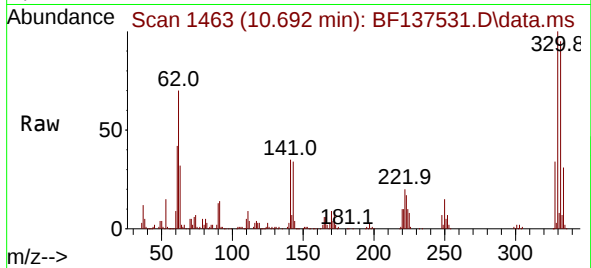




#67
4-Bromophenyl-phenylether
Concen: 2.176 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

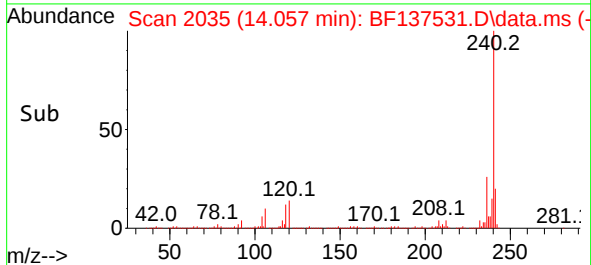
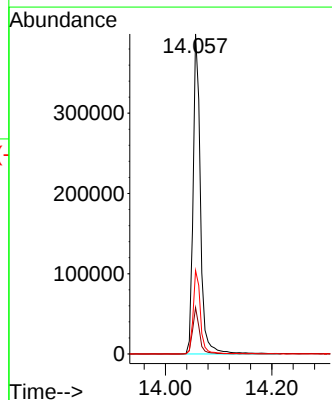
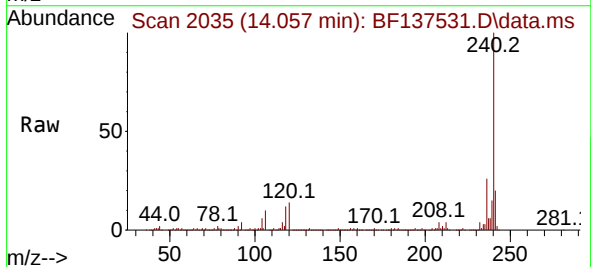
Instrument :
BNA_F
ClientSampleId :
COMP-2

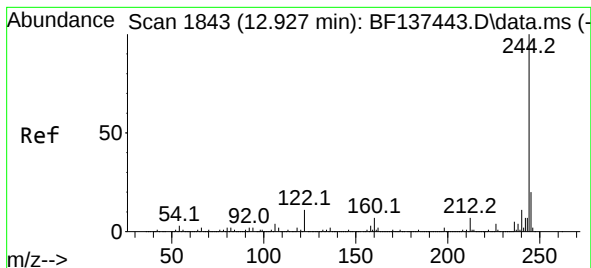
Tgt Ion:248 Resp: 16570
Ion Ratio Lower Upper
248 100
250 208.4 76.8 115.2#
141 495.2 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion:240 Resp: 382429
Ion Ratio Lower Upper
240 100
120 14.5 10.4 15.6
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 44.684 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137531.D

Acq: 07 Mar 2024 15:47

Instrument :

BNA_F

ClientSampleId :

COMP-2

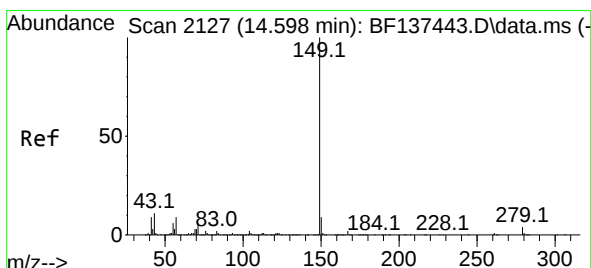
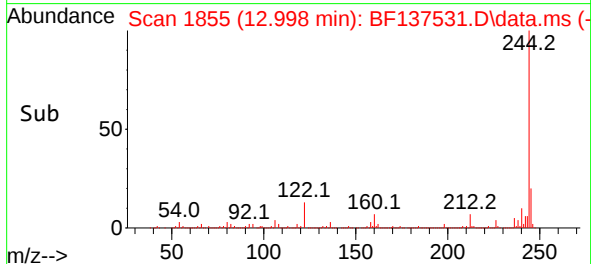
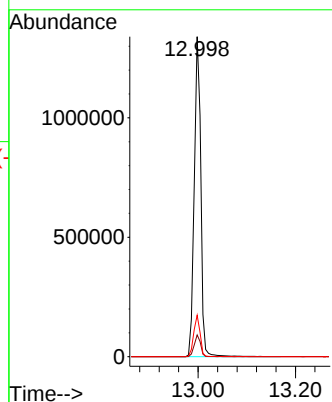
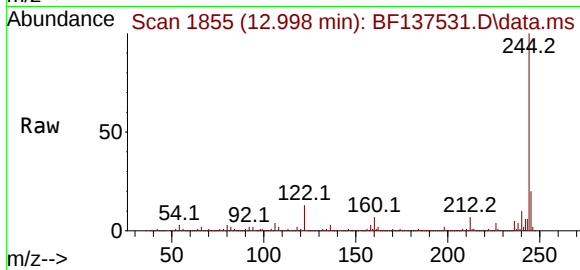
Tgt Ion:244 Resp: 1242694

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 12.9 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.628 ng

RT: 14.674 min Scan# 2140

Delta R.T. 0.012 min

Lab File: BF137531.D

Acq: 07 Mar 2024 15:47

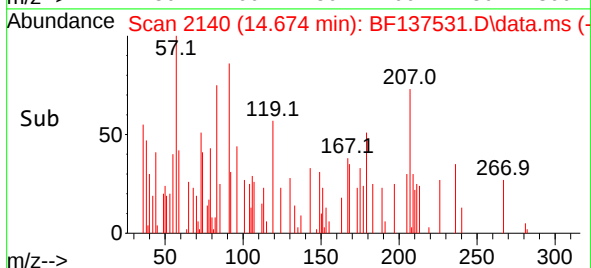
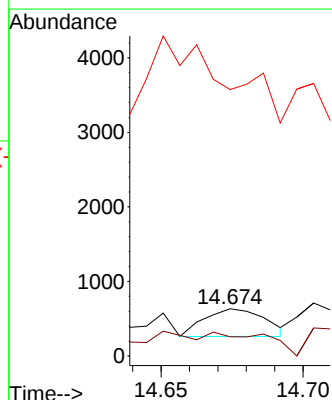
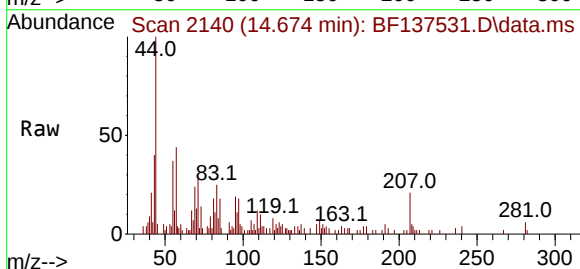
Tgt Ion:149 Resp: 553

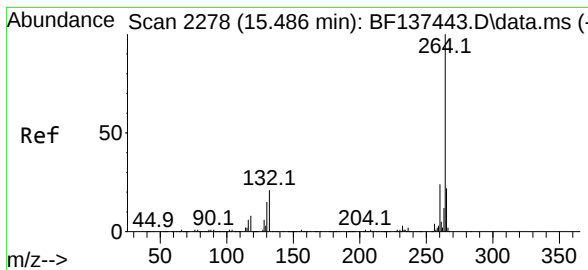
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:	264	Resp:	417216
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.3	28.9
265	21.6	17.4	26.0

