

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137534.D
 Acq On : 07 Mar 2024 17:18
 Operator : CG\JU
 Sample : P1688-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Mar 07 17:43:40 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)

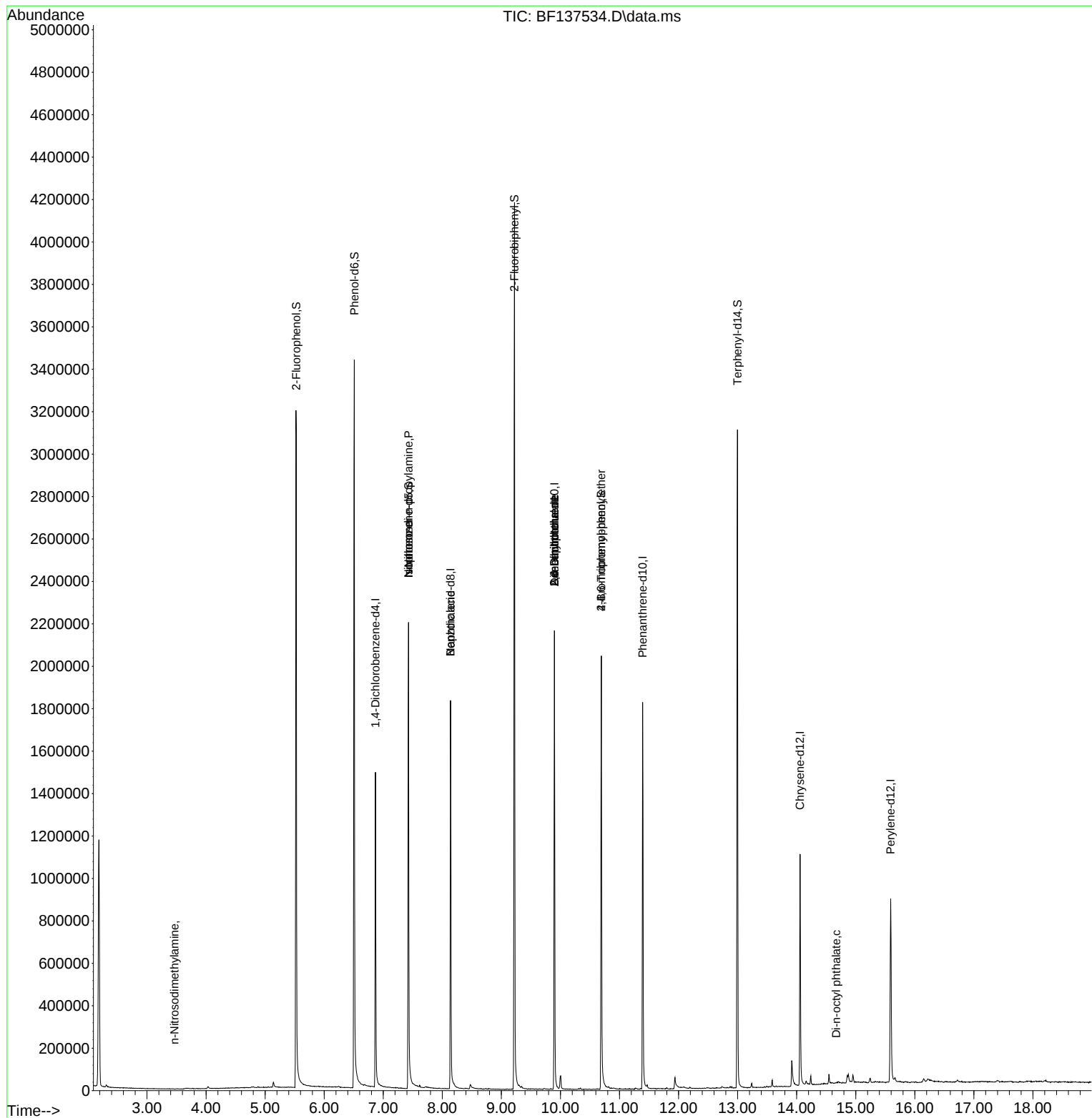
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	203192	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	800020	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	428629	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	687968	20.000	ng	0.00
76) Chrysene-d12	14.057	240	377231	20.000	ng	0.00
86) Perylene-d12	15.592	264	424489	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	960365	71.583	ng	0.02
7) Phenol-d6	6.510	99	1281682	66.183	ng	0.00
23) Nitrobenzene-d5	7.428	82	789163	45.834	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	232835	61.857	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1293413	47.236	ng	0.00
79) Terphenyl-d14	12.998	244	1115191	40.652	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.463	42	230	3.838	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	97767	8.175	ng	# 80
25) Isophorone	7.428	82	789159	24.125	ng	# 69
32) Benzoic acid	8.139	122	115	6.312	ng	# 1
50) Dimethylphthalate	9.898	163	69683	2.335	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	54842	8.788	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	54906	7.161	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	16171	2.158	ng	# 1
85) Di-n-octyl phthalate	14.668	149	271	5.617	ng	# 1

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

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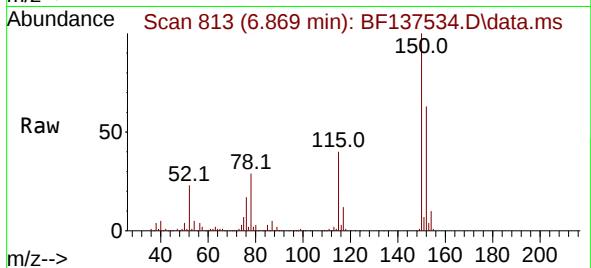
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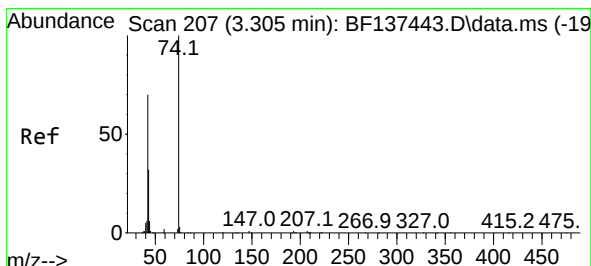
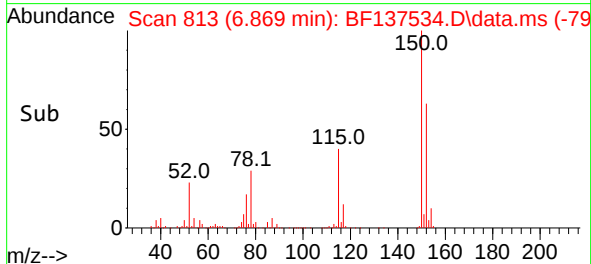
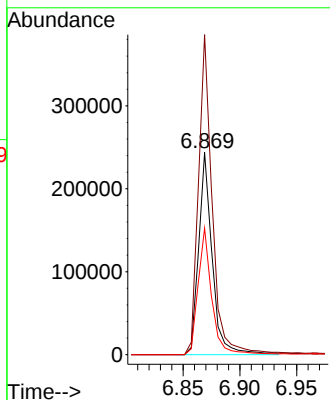


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Instrument :
BNA_F
ClientSampleId :
COMP-3

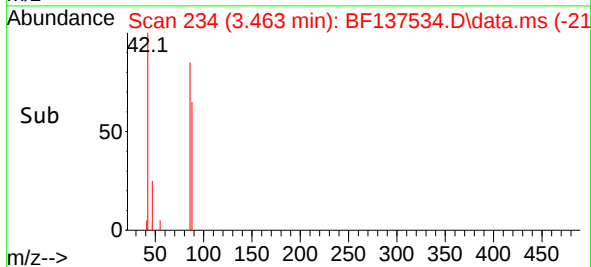
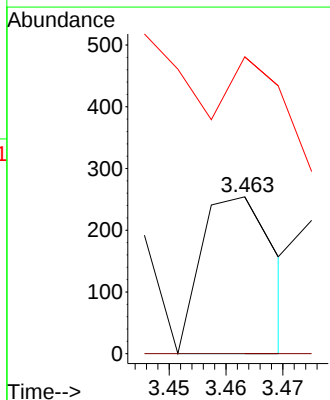
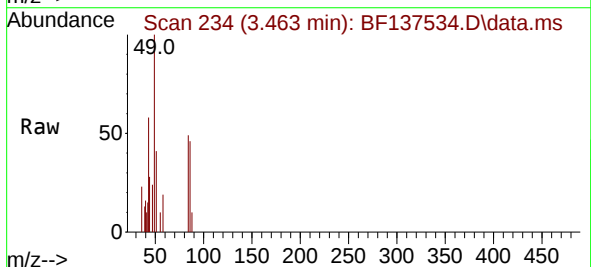


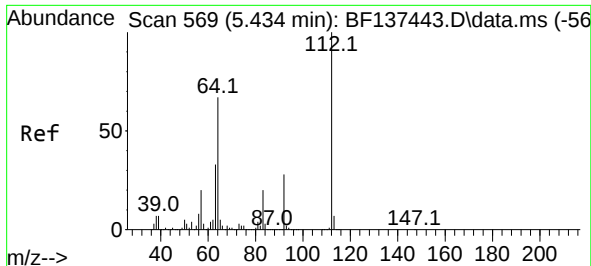
Tgt Ion:152 Resp: 203192
Ion Ratio Lower Upper
152 100
150 158.2 125.8 188.6
115 62.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.838 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.018 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion: 42 Resp: 230
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 189.4 7.0 10.4#

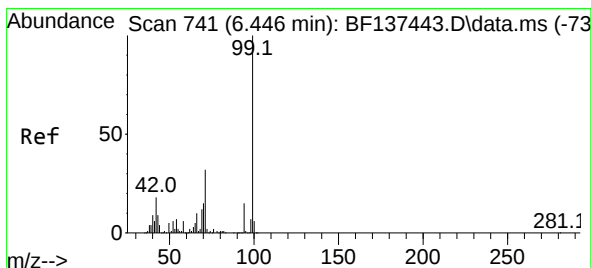
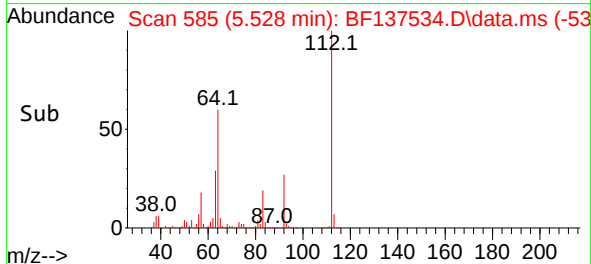
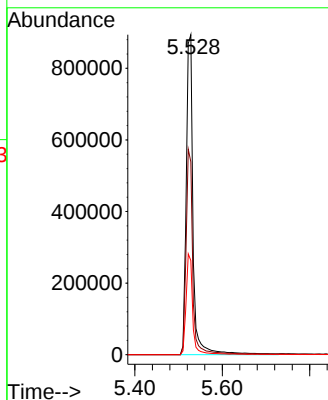
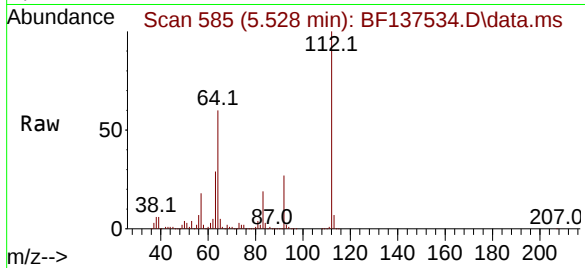




#5
2-Fluorophenol
Concen: 71.583 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

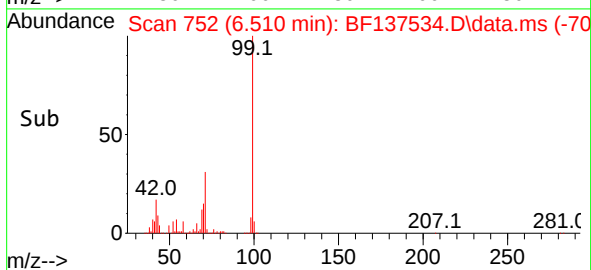
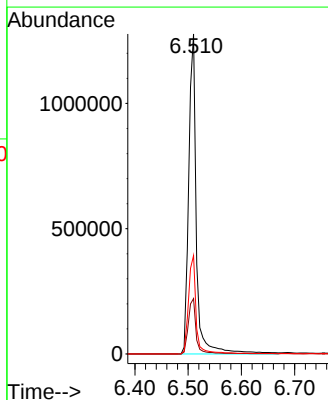
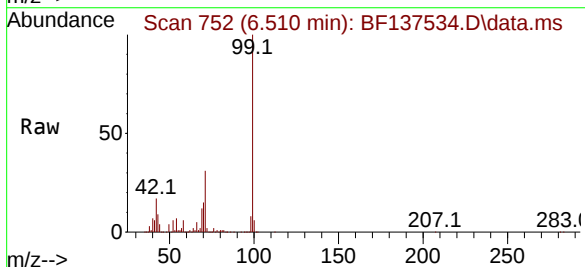
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:112 Resp: 960365
Ion Ratio Lower Upper
112 100
64 60.2 53.4 80.2
63 29.4 26.2 39.2



#7
Phenol-d6
Concen: 66.183 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion: 99 Resp: 1281682
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 30.8 25.3 37.9

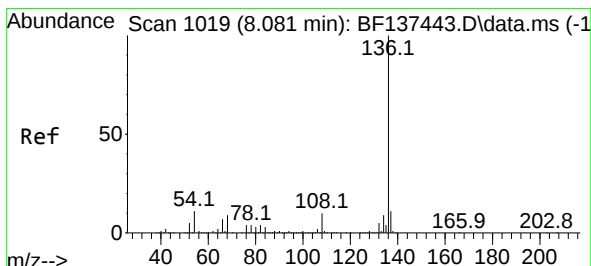
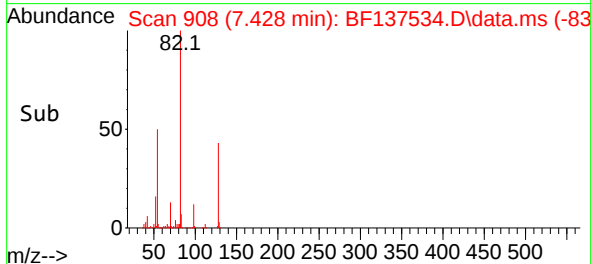
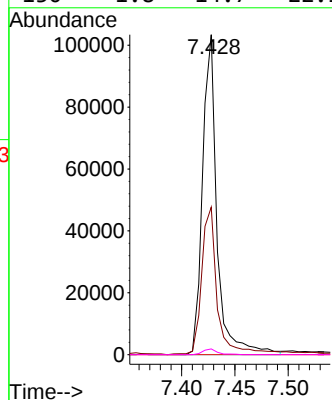
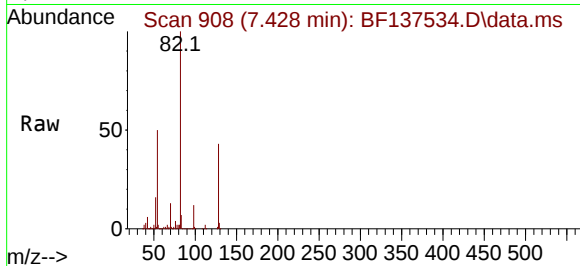




#19
n-Nitroso-di-n-propylamine
Concen: 8.175 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

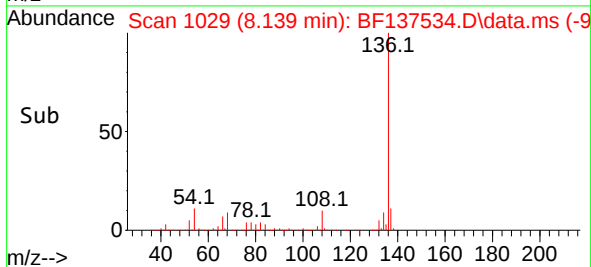
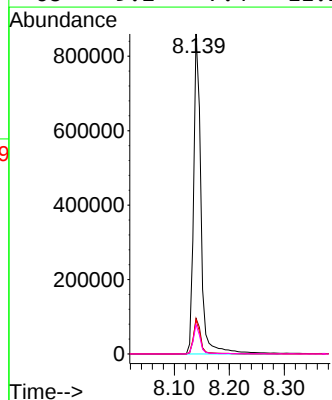
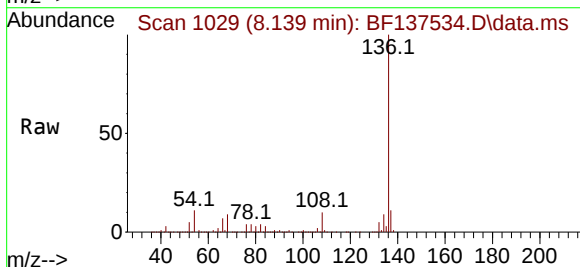
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 70	Resp: 97767
Ion Ratio	Lower Upper
70 100	
42 46.1	45.2 67.8
101 0.0	7.3 10.9#
130 1.8	14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion: 136	Resp: 800020
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 10.6	8.5 12.7
68 9.2	7.4 11.2

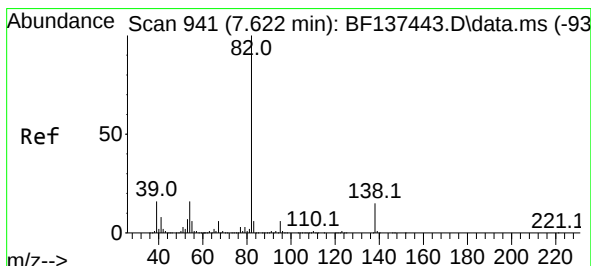
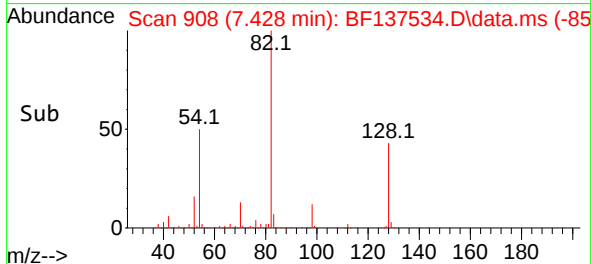
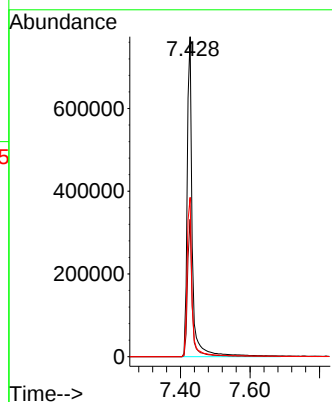
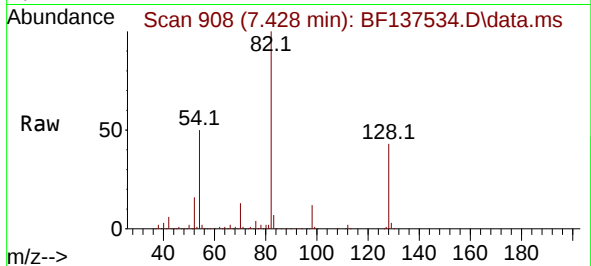




#23
Nitrobenzene-d5
Concen: 45.834 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

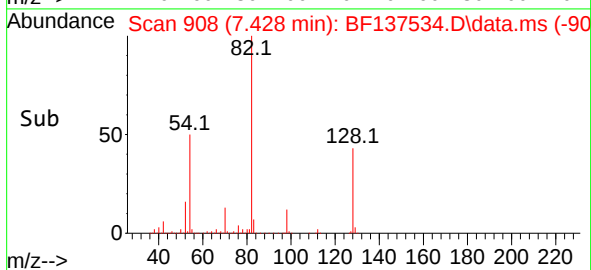
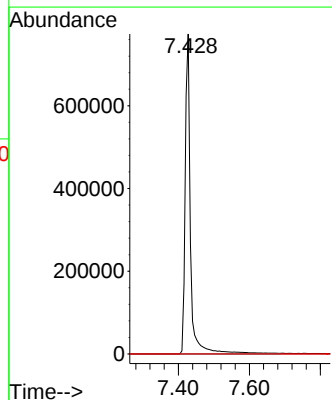
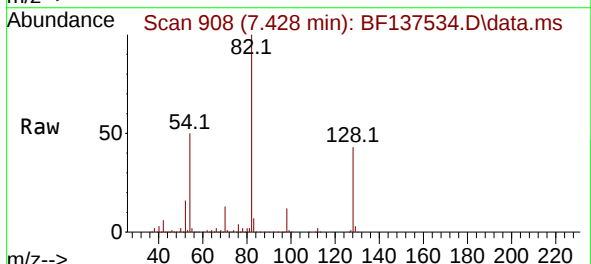
Instrument :
BNA_F
ClientSampleId :
COMP-3

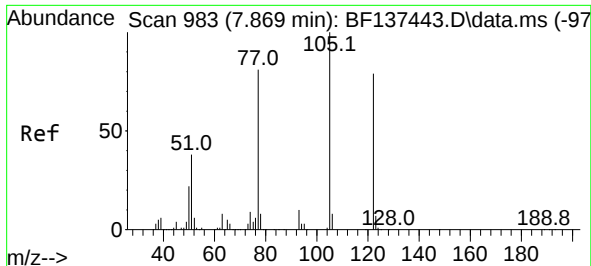
Tgt Ion: 82 Resp: 789163
Ion Ratio Lower Upper
82 100
128 42.9 32.5 48.7
54 49.8 41.5 62.3



#25
Isophorone
Concen: 24.125 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.253 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion: 82 Resp: 789159
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

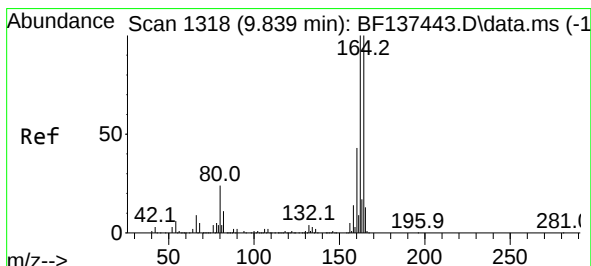
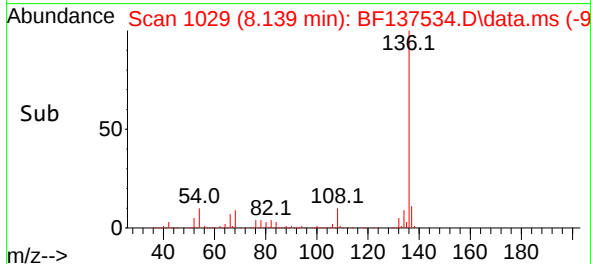
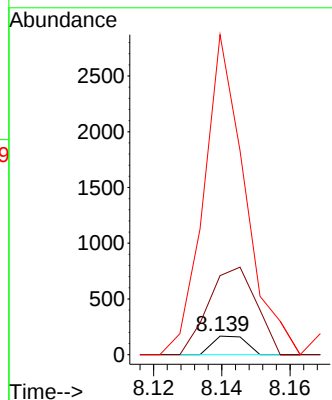
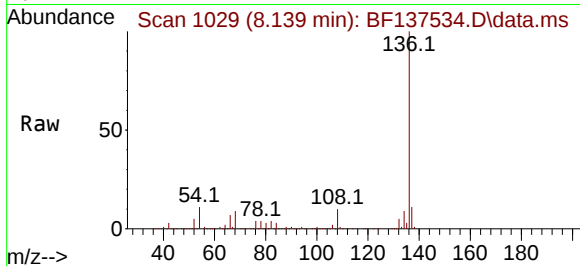




#32
Benzoic acid
Concen: 6.312 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.212 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

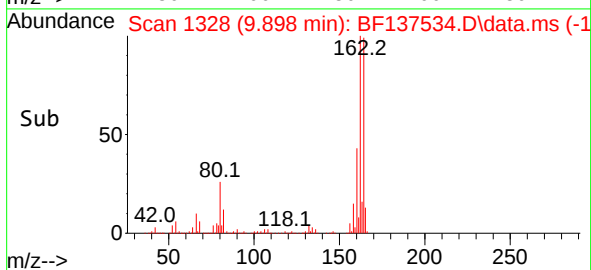
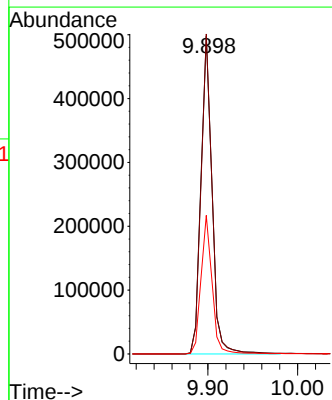
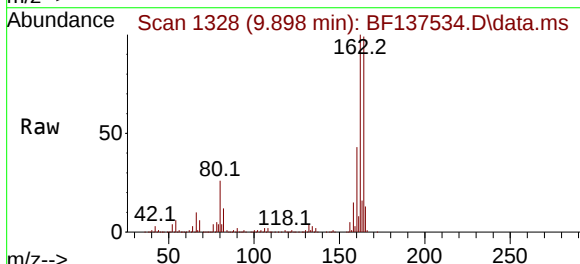
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:122 Resp: 115
Ion Ratio Lower Upper
122 100
105 427.1 102.4 142.4#
77 1729.5 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion:164 Resp: 428629
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 43.6 34.4 51.6

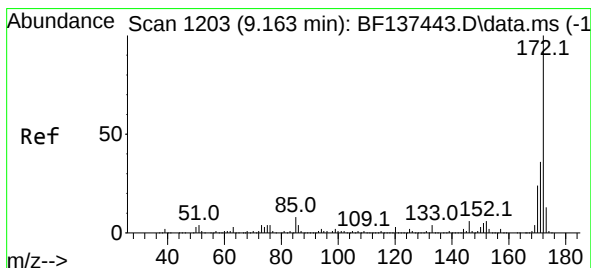
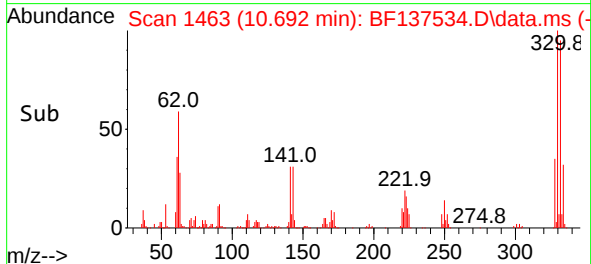
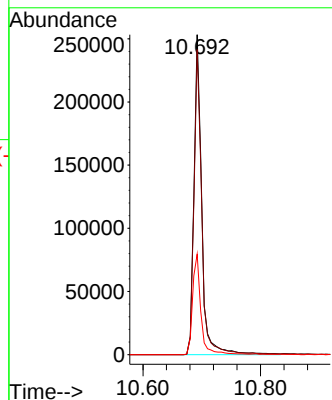
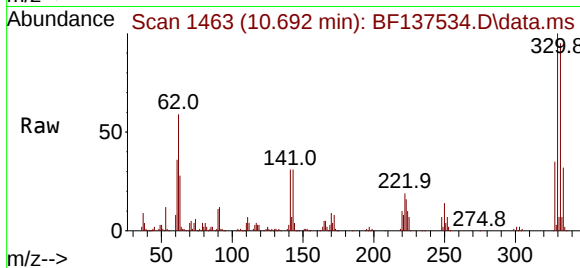




#42
2,4,6-Tribromophenol
Concen: 61.857 ng
RT: 10.692 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

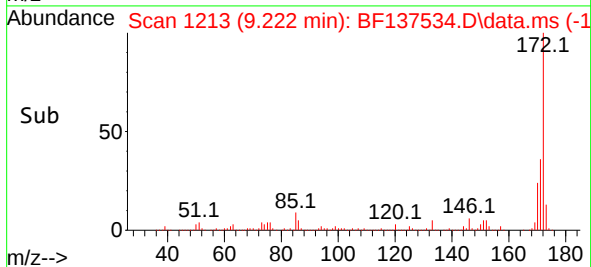
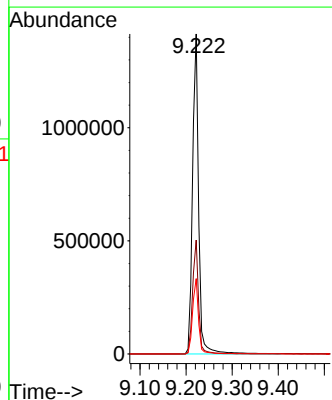
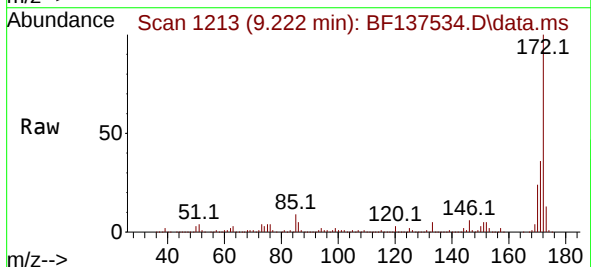
Instrument :
BNA_F
ClientSampleId :
COMP-3

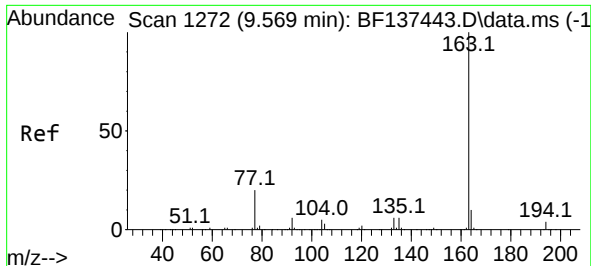
Tgt Ion: 330 Resp: 232835
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 33.5 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 47.236 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion: 172 Resp: 1293413
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.5 19.0 28.6

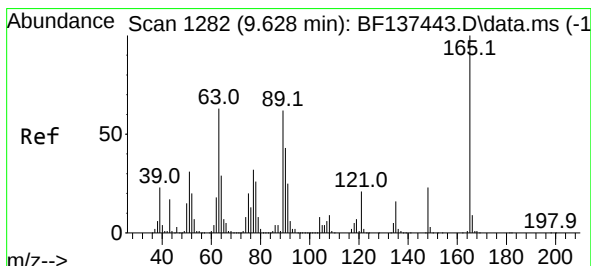
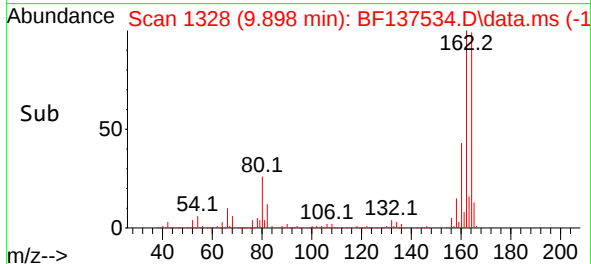
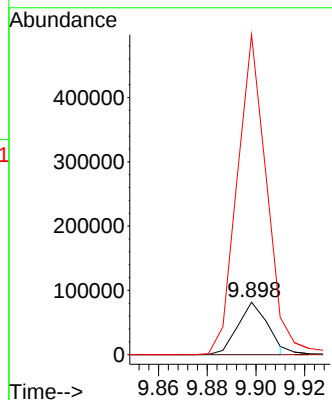
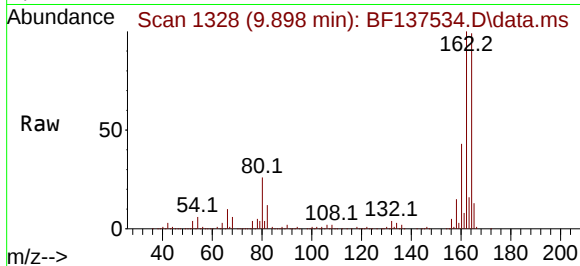




#50
Dimethylphthalate
Concen: 2.335 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.271 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

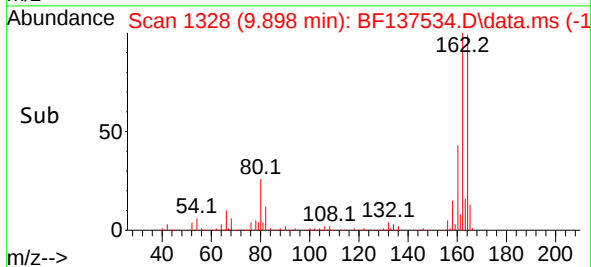
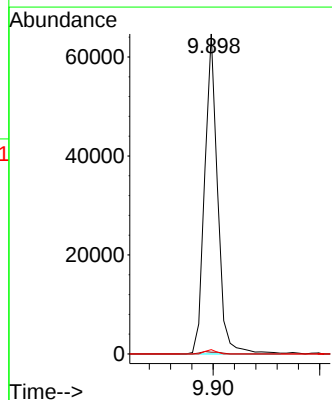
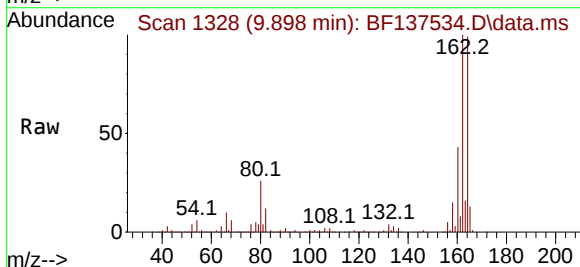
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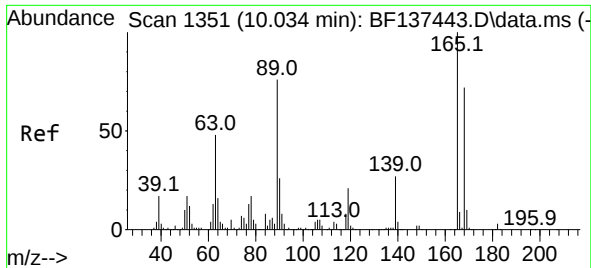
Tgt Ion:163 Resp: 69683
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 610.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.788 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion:165 Resp: 54842
Ion Ratio Lower Upper
165 100
63 0.6 50.7 76.1#
89 1.4 50.0 75.0#

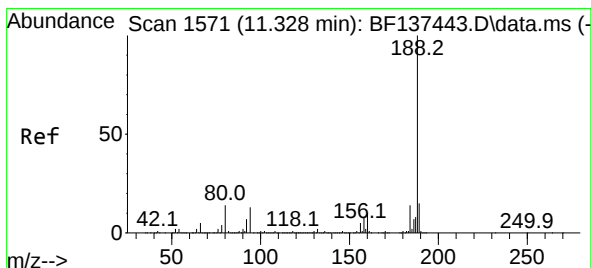
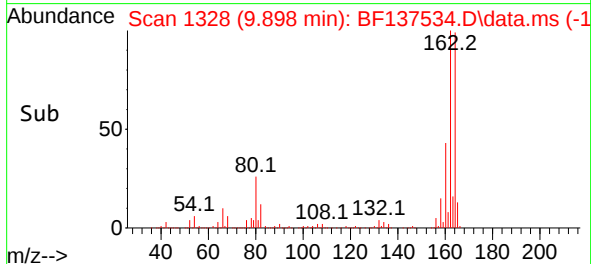
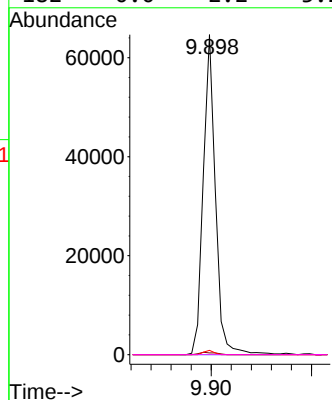
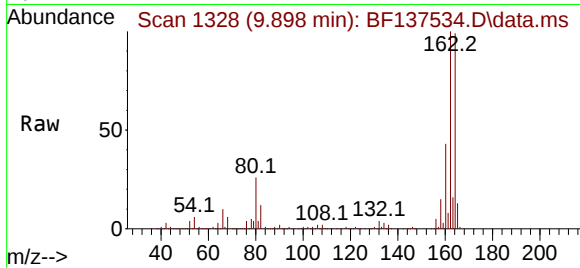




#57
2,4-Dinitrotoluene
Concen: 7.161 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

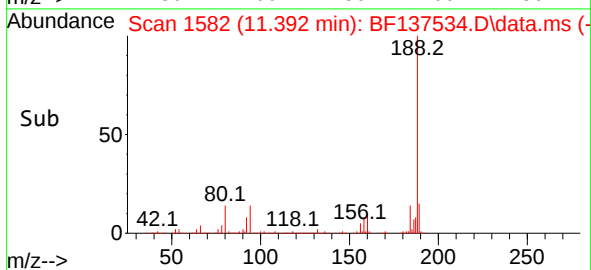
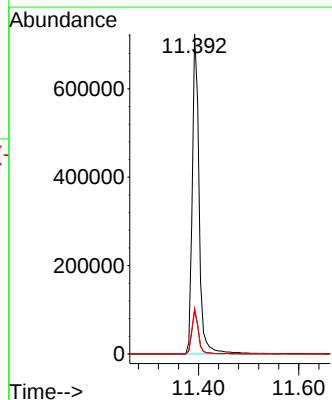
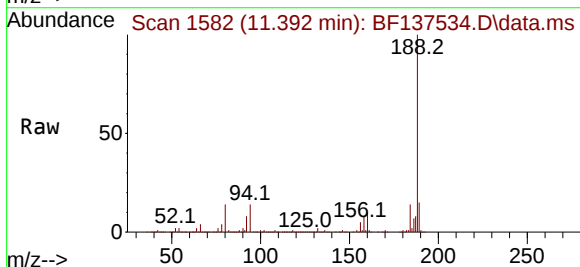
Instrument :
BNA_F
ClientSampleId :
COMP-3

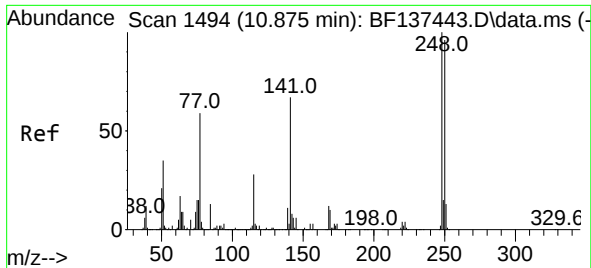
Tgt Ion:165 Resp: 54906
Ion Ratio Lower Upper
165 100
63 0.6 39.0 58.6#
89 1.4 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion:188 Resp: 687968
Ion Ratio Lower Upper
188 100
94 13.6 10.6 15.8
80 14.4 11.5 17.3

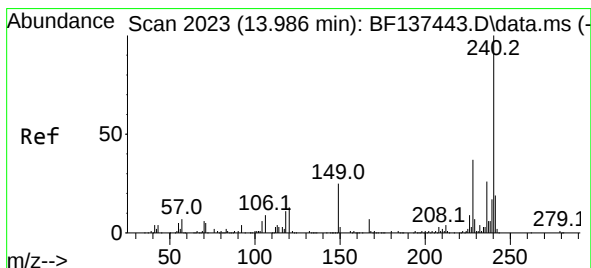
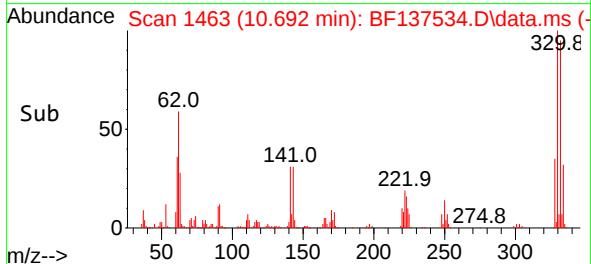
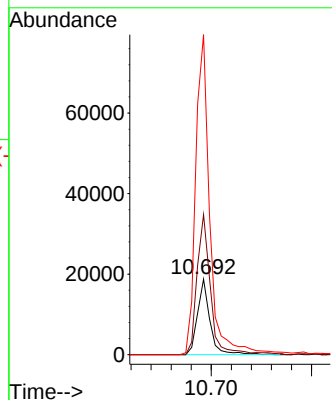
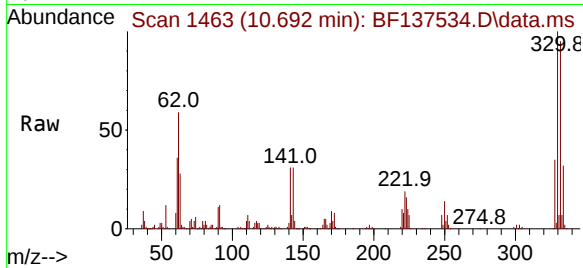




#67
4-Bromophenyl-phenylether
Concen: 2.158 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

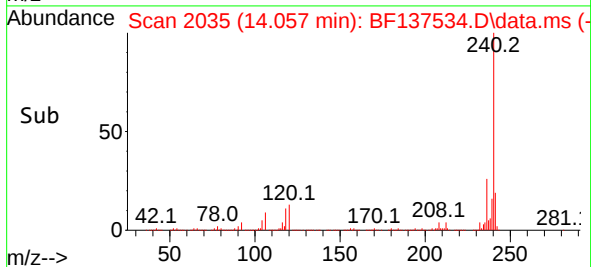
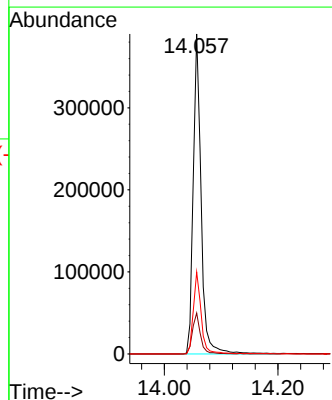
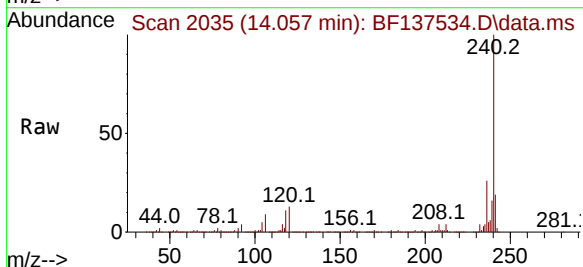
Instrument :
BNA_F
ClientSampleId :
COMP-3

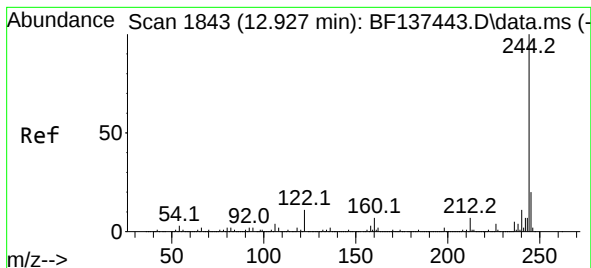
Tgt Ion:248 Resp: 16171
Ion Ratio Lower Upper
248 100
250 185.5 76.8 115.2#
141 423.4 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion:240 Resp: 377231
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 40.652 ng

RT: 12.998 min Scan# 1115191

Delta R.T. 0.006 min

Lab File: BF137534.D

Acq: 07 Mar 2024 17:18

Instrument :

BNA_F

ClientSampleId :

COMP-3

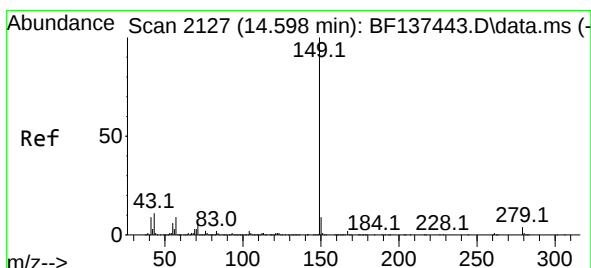
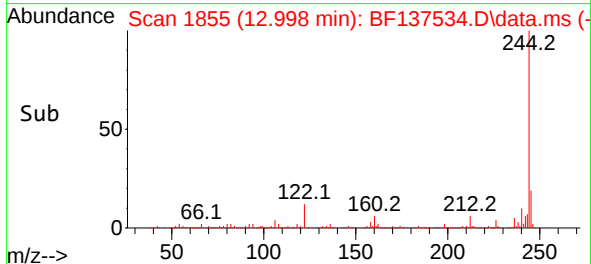
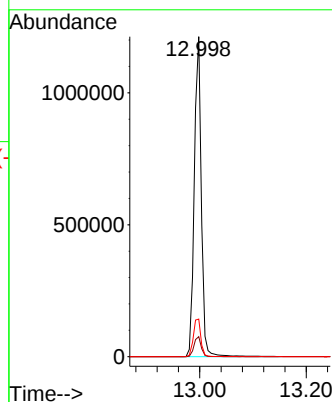
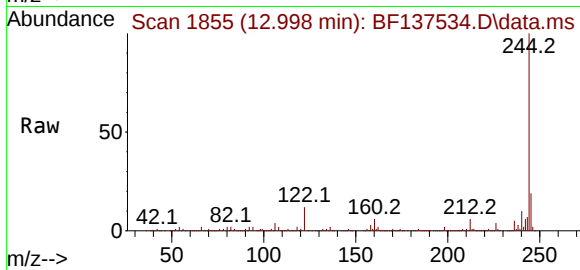
Tgt Ion:244 Resp: 1115191

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 11.8 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.617 ng

RT: 14.668 min Scan# 2139

Delta R.T. 0.006 min

Lab File: BF137534.D

Acq: 07 Mar 2024 17:18

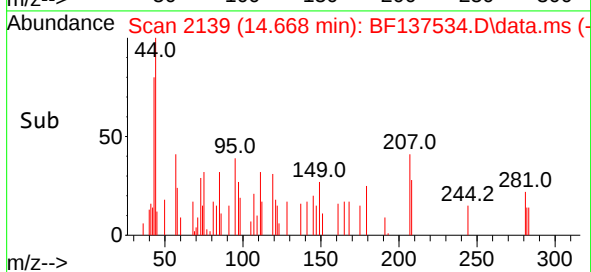
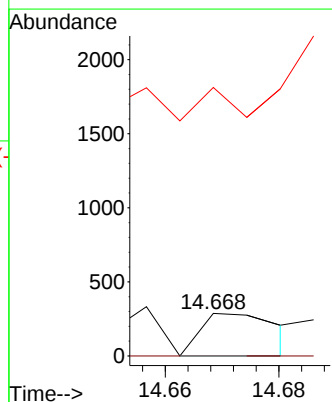
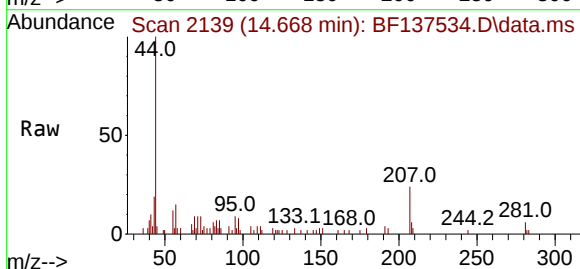
Tgt Ion:149 Resp: 271

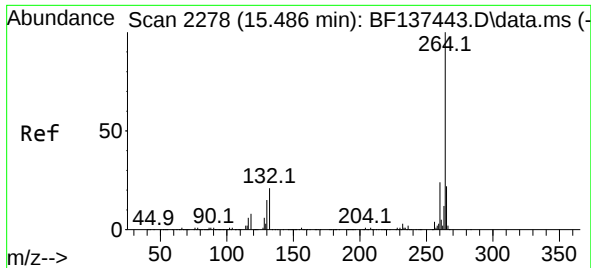
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

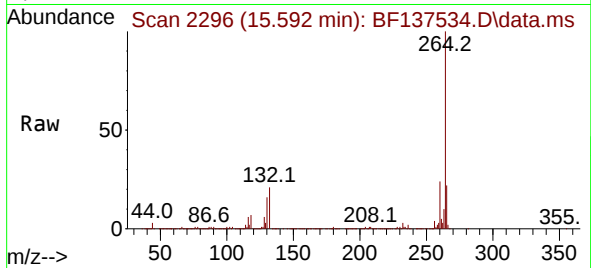
43 528.0 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Instrument :
BNA_F
ClientSampleId :
COMP-3



Tgt Ion:264 Resp: 424489

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.6	17.4	26.0

