

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137551.D
 Acq On : 08 Mar 2024 19:11
 Operator : CG\JU
 Sample : P1701-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-3-COMP

Quant Time: Mar 08 22:19:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

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

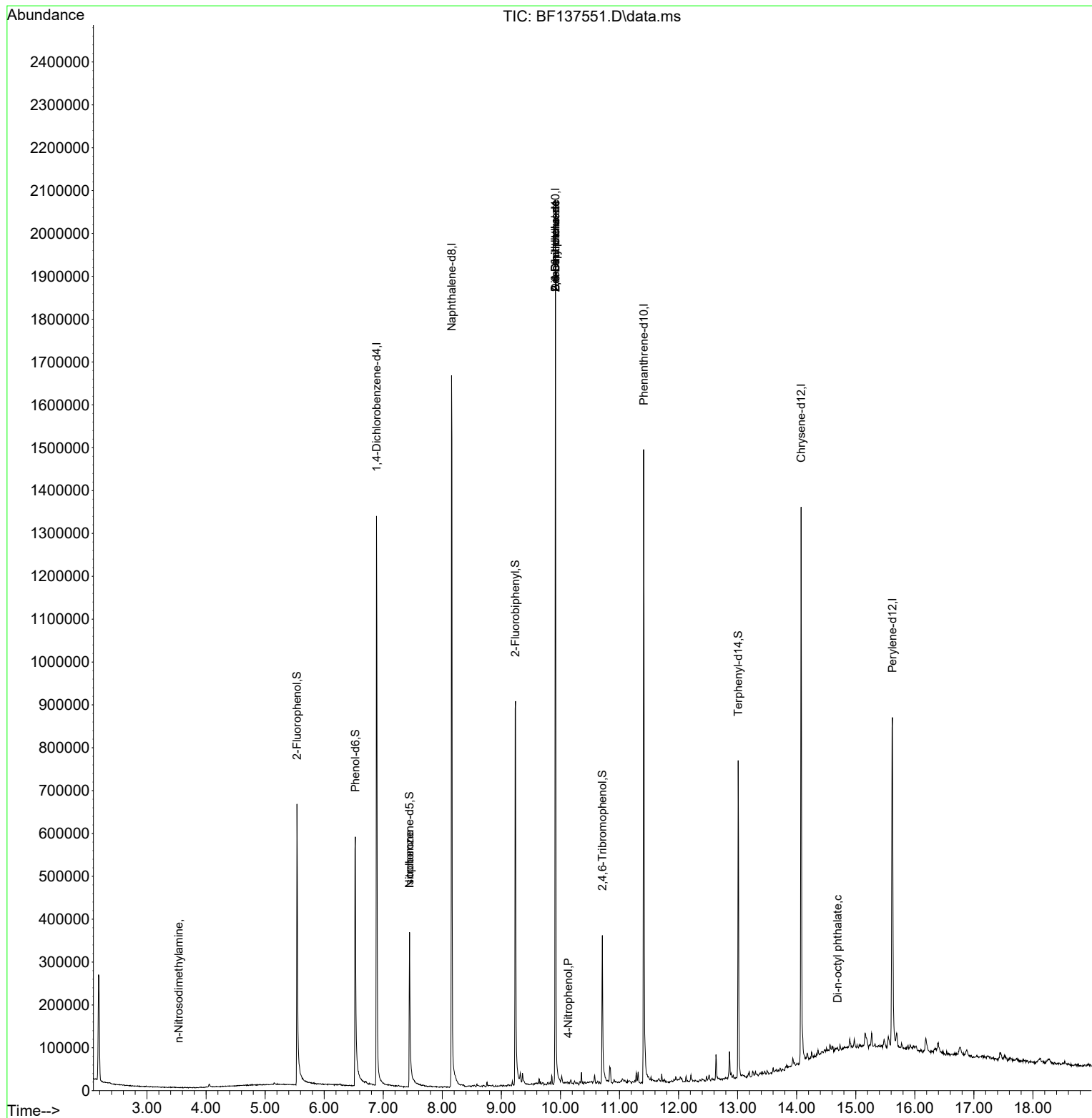
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	202382	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	786070	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	398391	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	555127	20.000	ng	0.00
76) Chrysene-d12	14.074	240	419122	20.000	ng	0.00
86) Perylene-d12	15.621	264	409770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	230524	17.251	ng	0.00
7) Phenol-d6	6.528	99	306621	15.897	ng	0.00
23) Nitrobenzene-d5	7.445	82	170505	10.078	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	44147	12.619	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	355045	13.950	ng	0.00
79) Terphenyl-d14	13.010	244	253461	8.316	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.540	42	64	3.817	ng	# 1
25) Isophorone	7.445	82	170505	5.305	ng	# 69
50) Dimethylphthalate	9.916	163	63354	2.284	ng	# 1
51) 2,6-Dinitrotoluene	9.916	165	51183	8.824	ng	# 20
56) 4-Nitrophenol	10.133	139	85	4.545	ng	# 2
57) 2,4-Dinitrotoluene	9.916	165	51358	7.207	ng	# 21
85) Di-n-octyl phthalate	14.692	149	587	5.627	ng	# 1

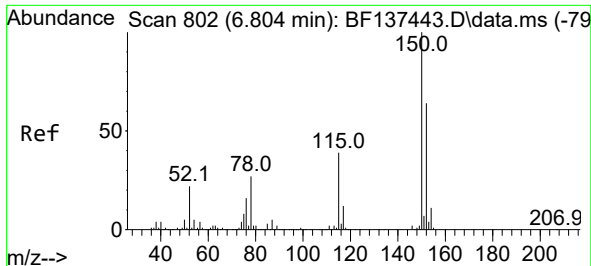
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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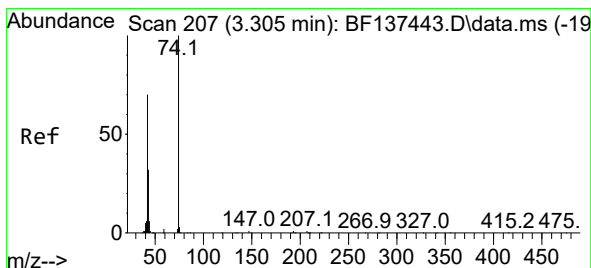
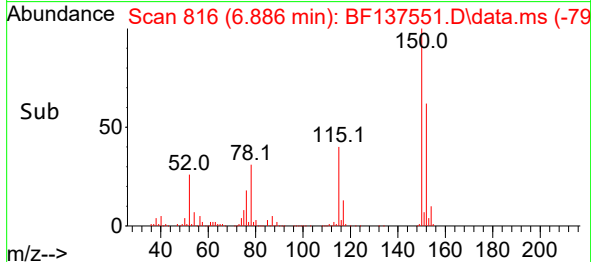
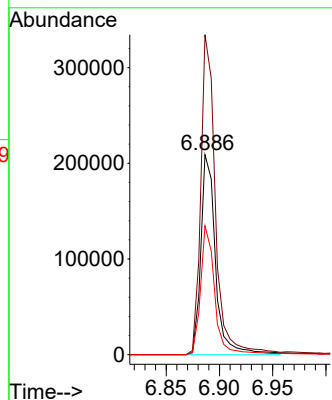
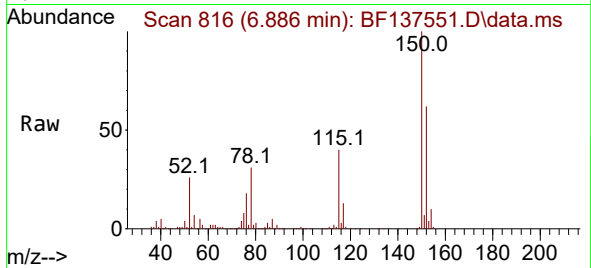




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

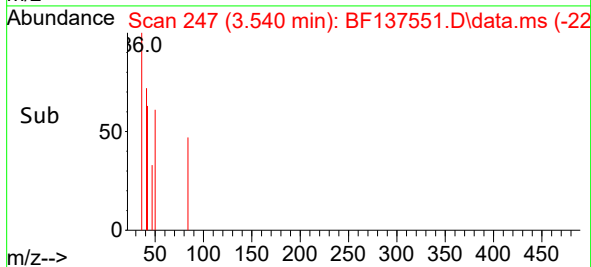
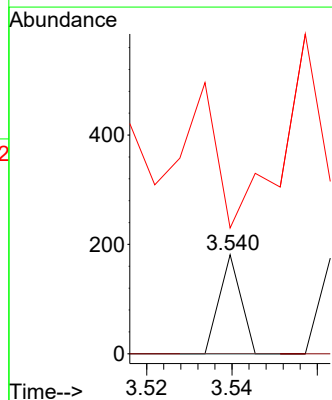
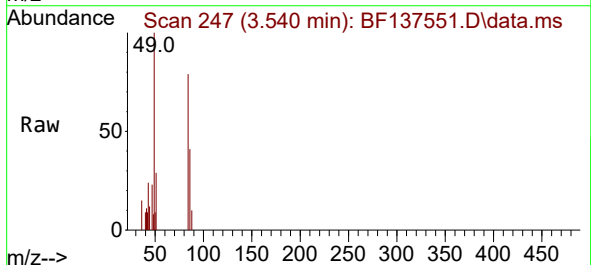
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

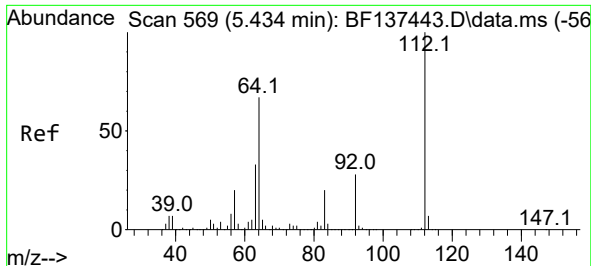
Tgt Ion:152 Resp: 202382
Ion Ratio Lower Upper
152 100
150 160.0 125.8 188.6
115 64.4 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.817 ng
RT: 3.540 min Scan# 247
Delta R.T. 0.023 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Tgt Ion: 42 Resp: 64
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 127.1 7.0 10.4#

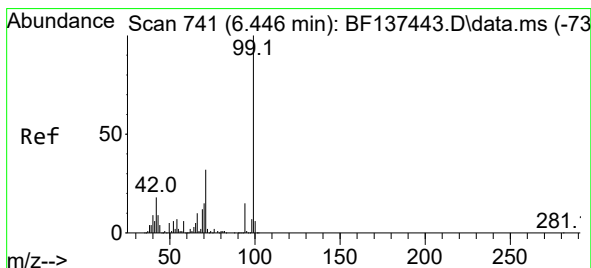
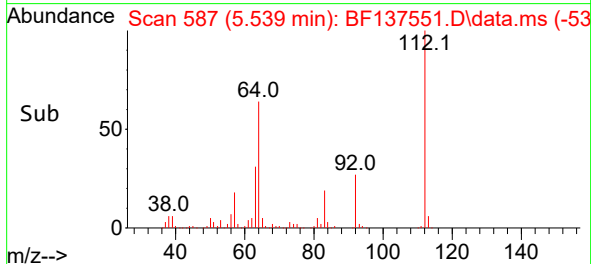
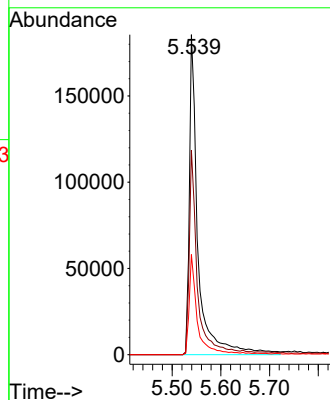
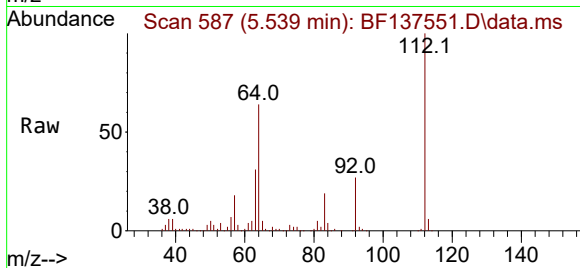




#5
2-Fluorophenol
Concen: 17.251 ng
RT: 5.539 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

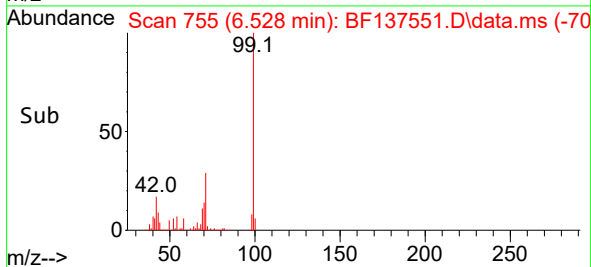
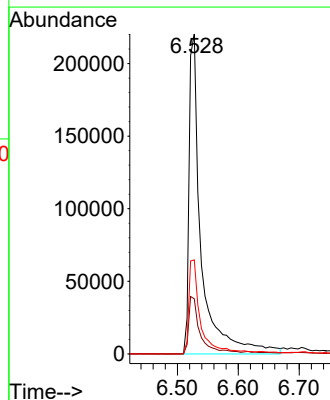
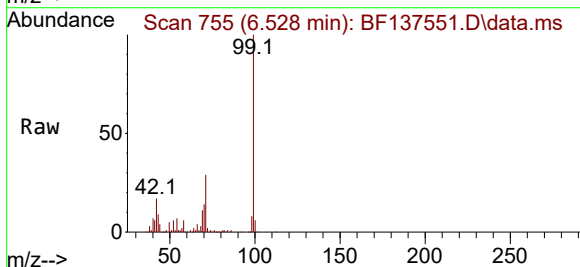
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

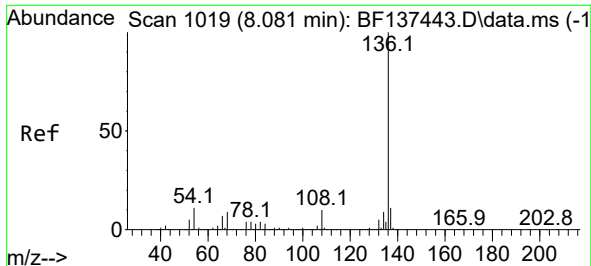
Tgt Ion:112 Resp: 230524
Ion Ratio Lower Upper
112 100
64 63.9 53.4 80.2
63 31.3 26.2 39.2



#7
Phenol-d6
Concen: 15.897 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Tgt Ion: 99 Resp: 306621
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 29.4 25.3 37.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

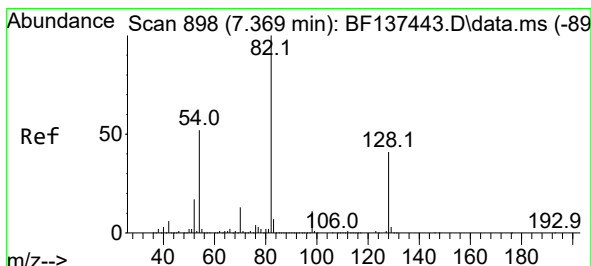
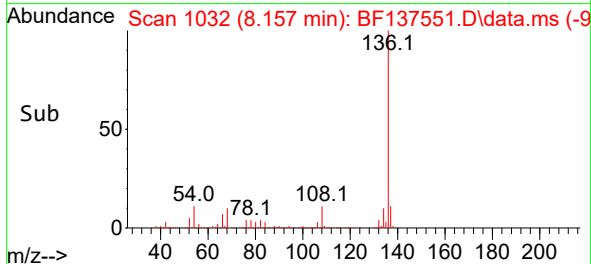
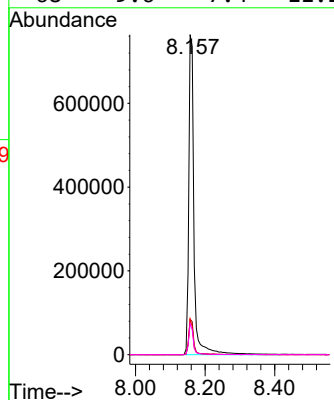
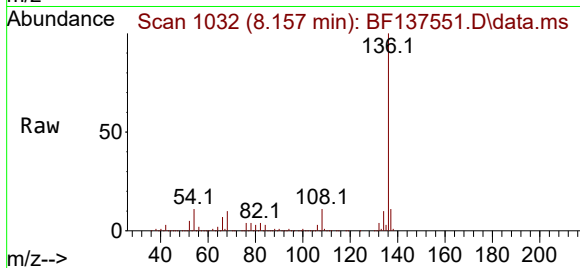
Instrument :

BNA_F

ClientSampleId :

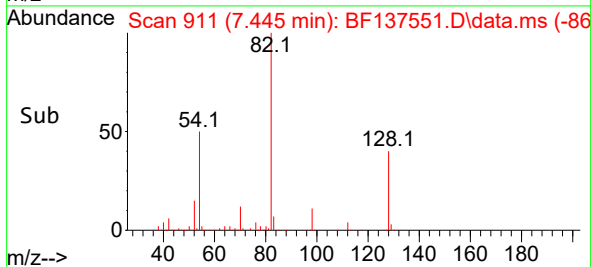
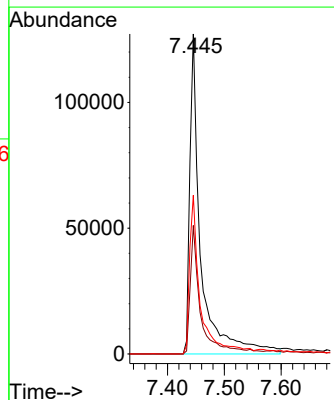
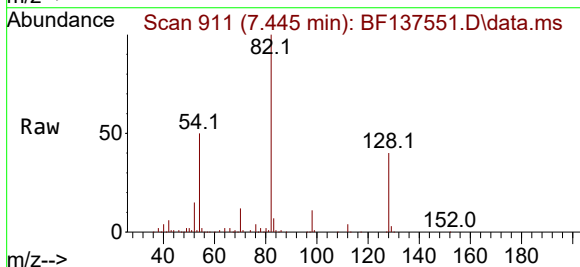
RCA-3-COMP

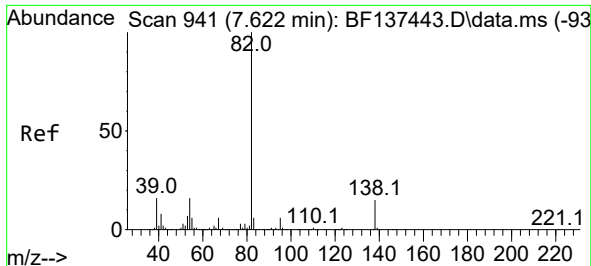
Tgt Ion:136 Resp: 786070
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 11.2 8.5 12.7
68 9.6 7.4 11.2



#23
Nitrobenzene-d5
Concen: 10.078 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Tgt Ion: 82 Resp: 170505
Ion Ratio Lower Upper
82 100
128 40.1 32.5 48.7
54 49.6 41.5 62.3

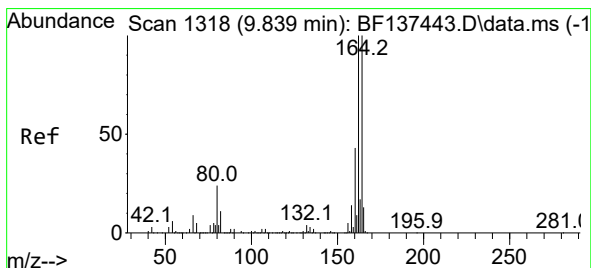
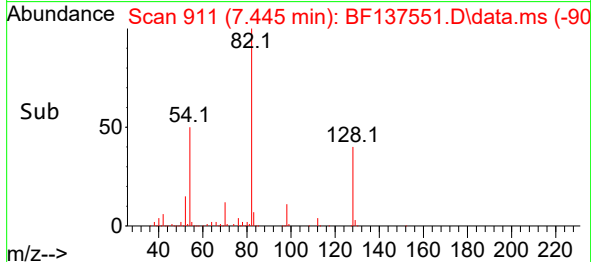
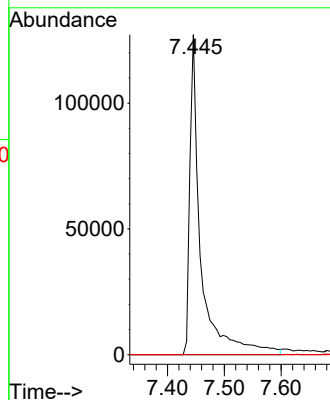
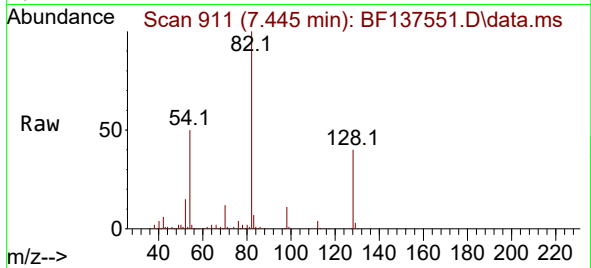




#25
Isophorone
Concen: 5.305 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

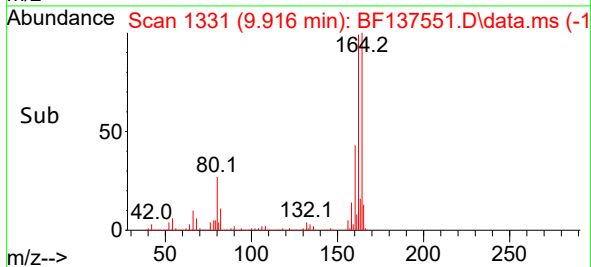
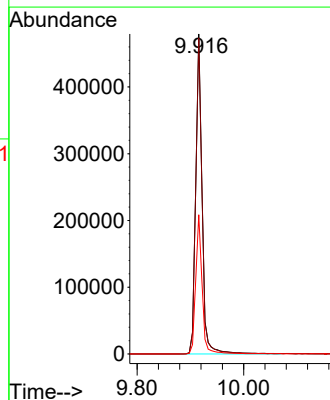
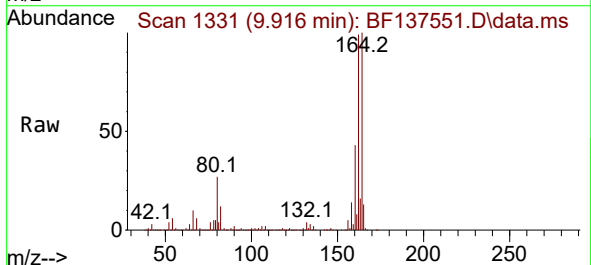
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

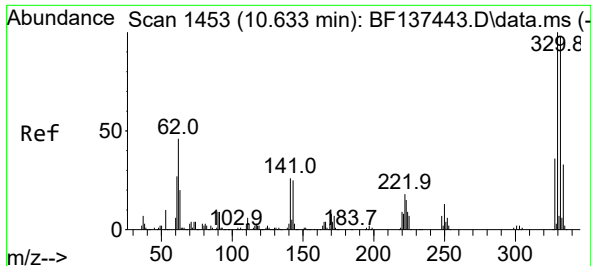
Tgt Ion: 82 Resp: 170505
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Tgt Ion:164 Resp: 398391
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 12.619 ng

RT: 10.710 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137551.D

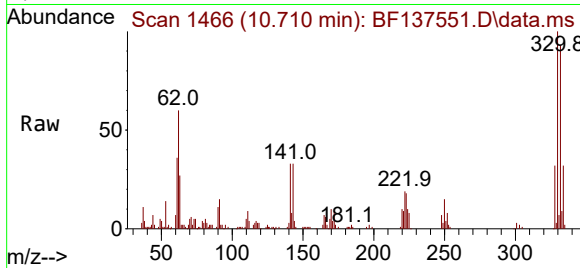
Acq: 08 Mar 2024 19:11

Instrument :

BNA_F

ClientSampleId :

RCA-3-COMP



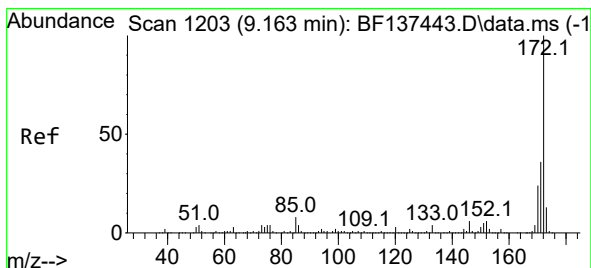
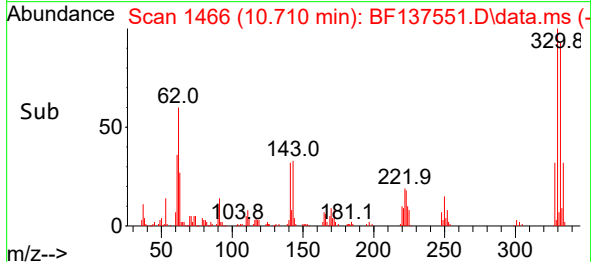
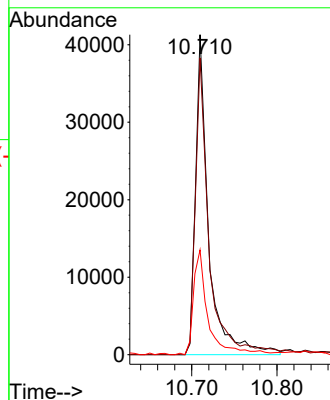
Tgt Ion:330 Resp: 44147

Ion Ratio Lower Upper

330 100

332 97.9 78.0 117.0

141 36.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 13.950 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF137551.D

Acq: 08 Mar 2024 19:11

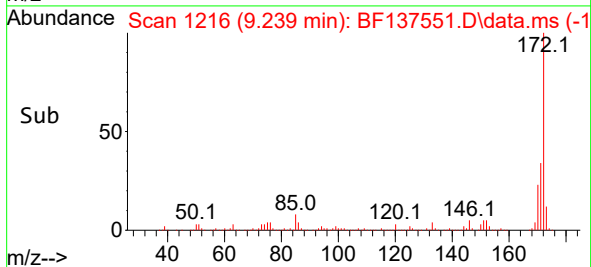
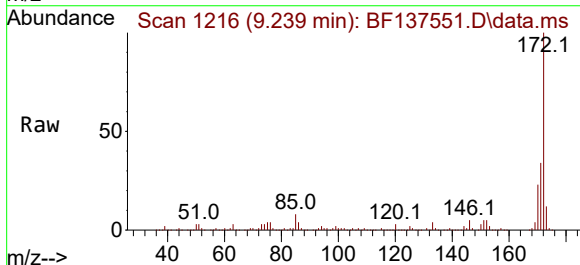
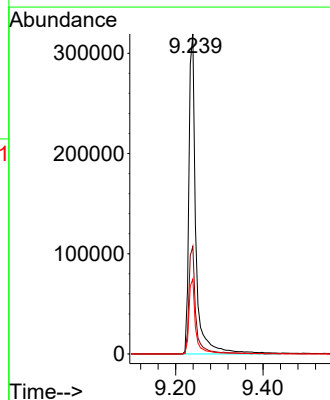
Tgt Ion:172 Resp: 355045

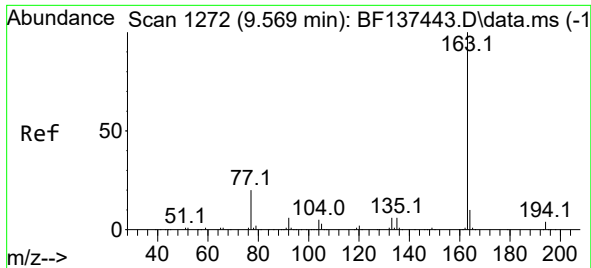
Ion Ratio Lower Upper

172 100

171 33.6 28.5 42.7

170 23.4 19.0 28.6

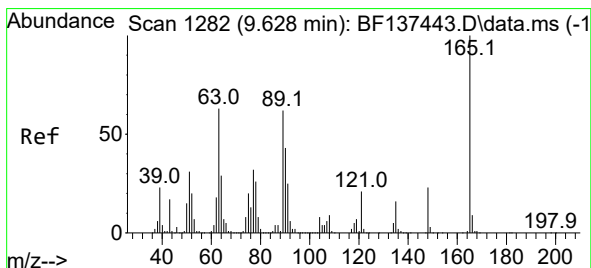
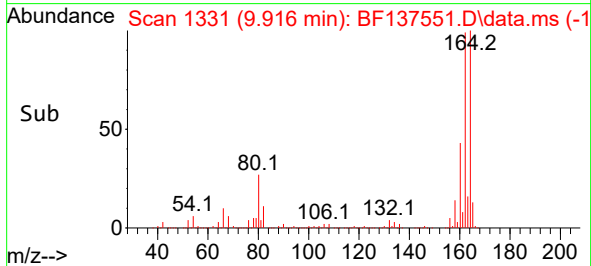
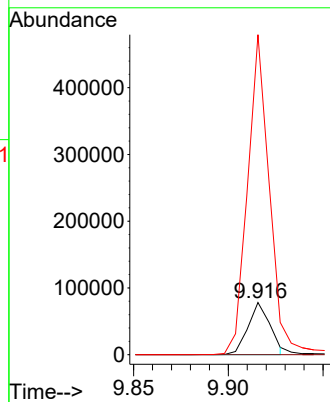
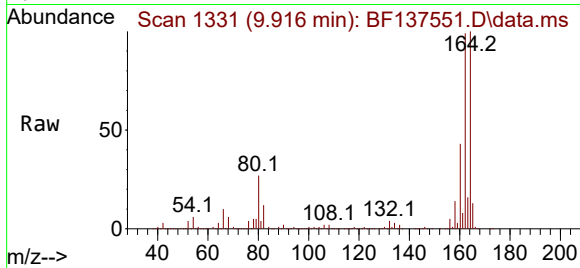




#50
Dimethylphthalate
Concen: 2.284 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.265 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

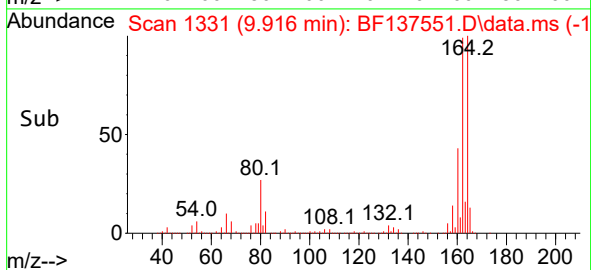
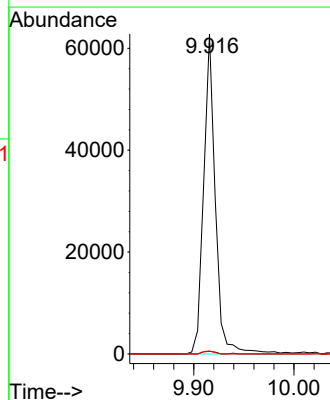
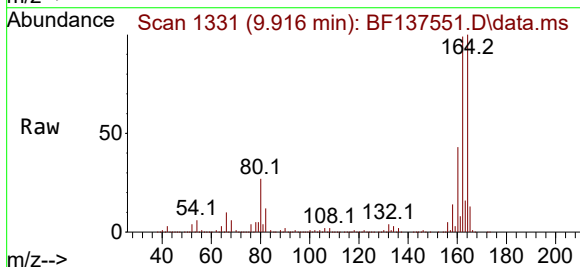
Instrument :
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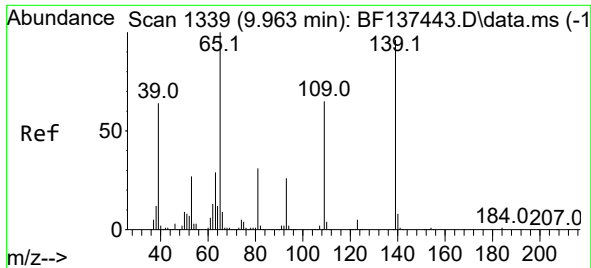
Tgt Ion:163 Resp: 63354
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 613.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Tgt Ion:165 Resp: 51183
Ion Ratio Lower Upper
165 100
63 0.8 50.7 76.1#
89 1.0 50.0 75.0#

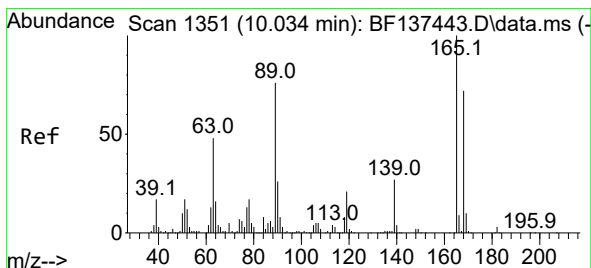
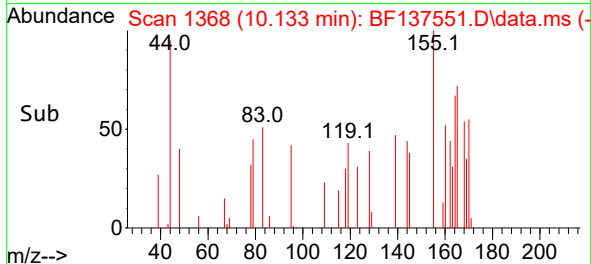
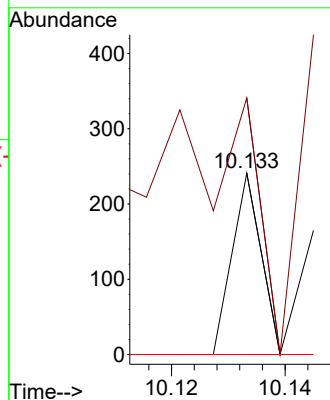
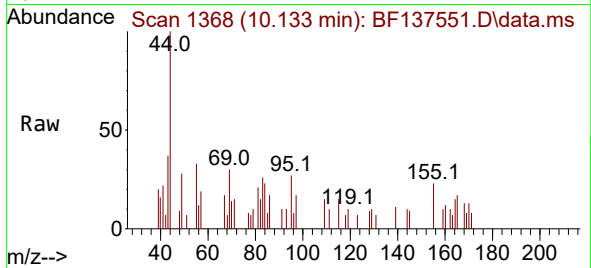




#56
4-Nitrophenol
Concen: 4.545 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

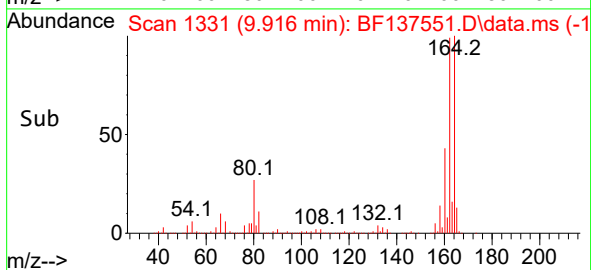
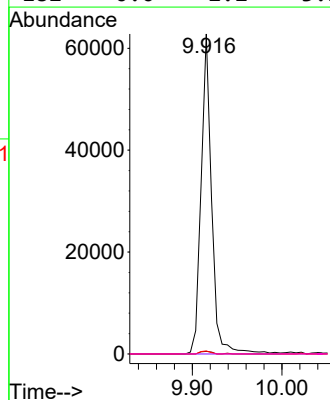
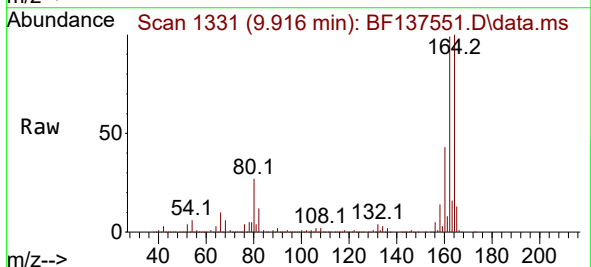
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

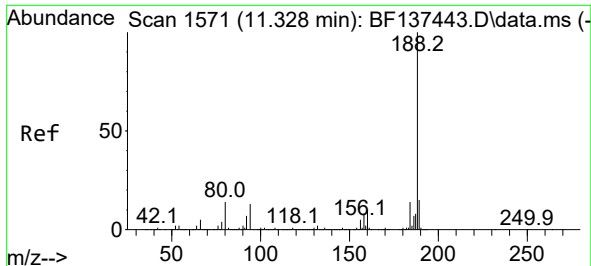
Tgt Ion:139 Resp: 85
Ion Ratio Lower Upper
139 100
109 141.5 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.207 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Tgt Ion:165 Resp: 51358
Ion Ratio Lower Upper
165 100
63 0.8 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#

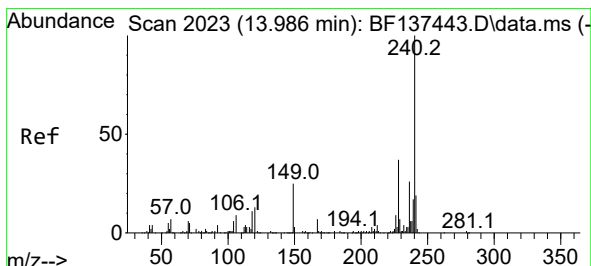
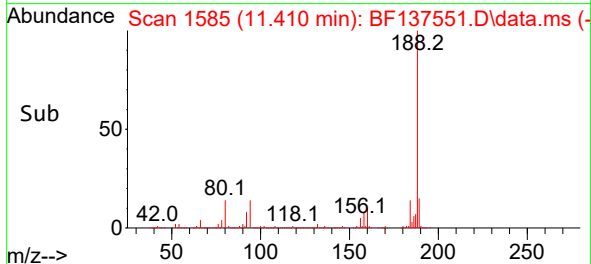
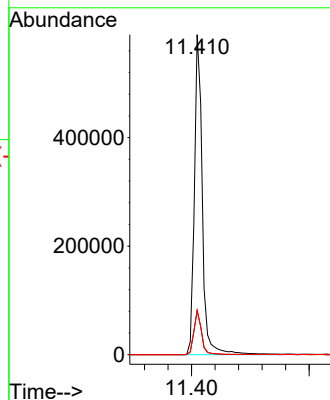
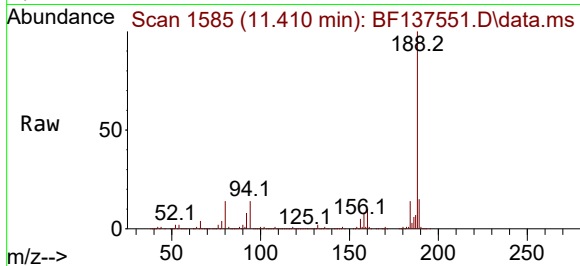




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

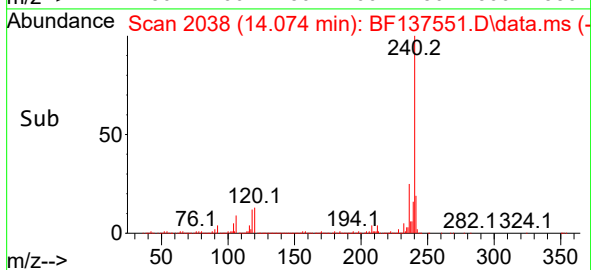
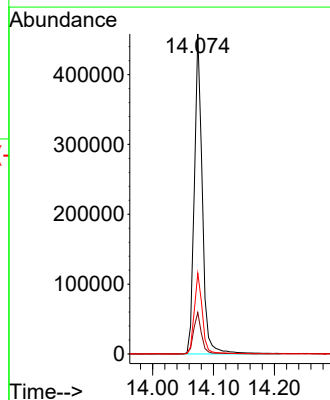
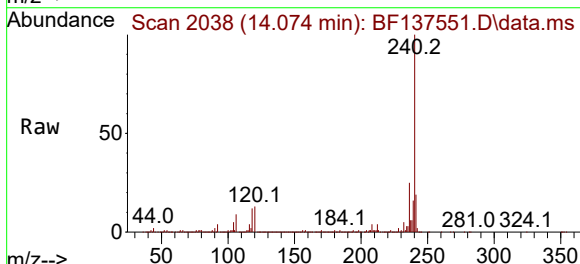
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

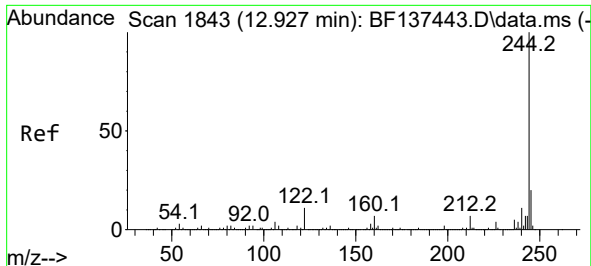
Tgt Ion:188 Resp: 555127
Ion Ratio Lower Upper
188 100
94 13.8 10.6 15.8
80 13.8 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Tgt Ion:240 Resp: 419122
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 25.2 20.9 31.3

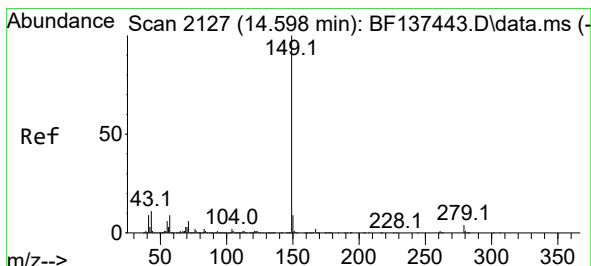
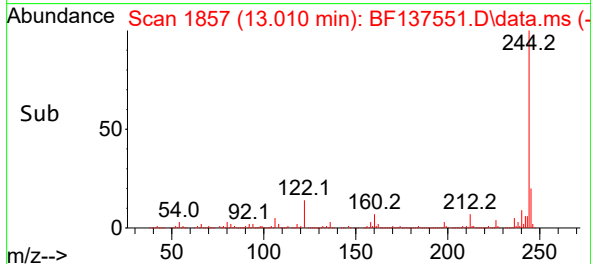
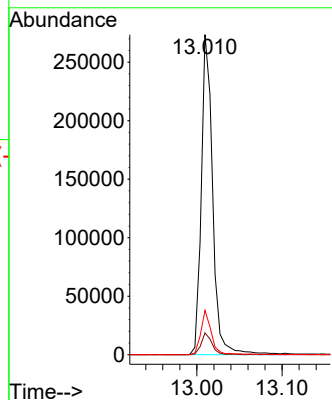
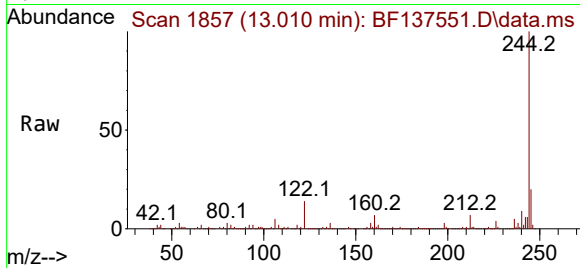




#79
 Terphenyl-d14
 Concen: 8.316 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137551.D
 Acq: 08 Mar 2024 19:11

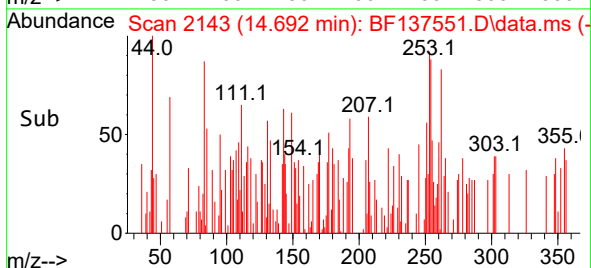
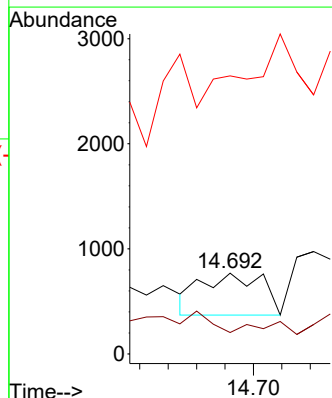
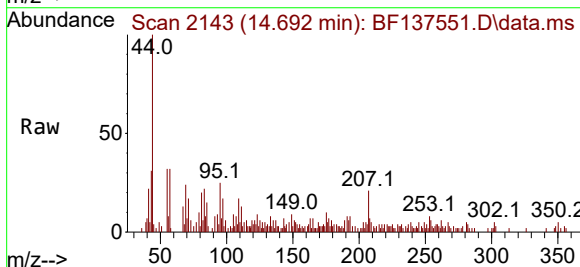
Instrument :
 BNA_F
 ClientSampleId :
 RCA-3-COMP

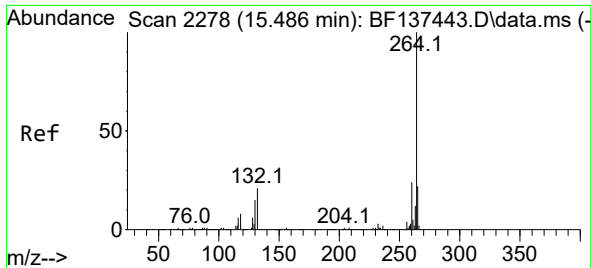
Tgt Ion:244 Resp: 253461
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 13.8 9.1 13.7#



#85
 Di-n-octyl phthalate
 Concen: 5.627 ng
 RT: 14.692 min Scan# 2143
 Delta R.T. -0.000 min
 Lab File: BF137551.D
 Acq: 08 Mar 2024 19:11

Tgt Ion:149 Resp: 587
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 78.4 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

Tgt Ion:264 Resp: 409770

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.6	17.4	26.0

