

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137514.D
 Acq On : 06 Mar 2024 12:56
 Operator : CG\JU
 Sample : P1672-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 06 13:16:58 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)

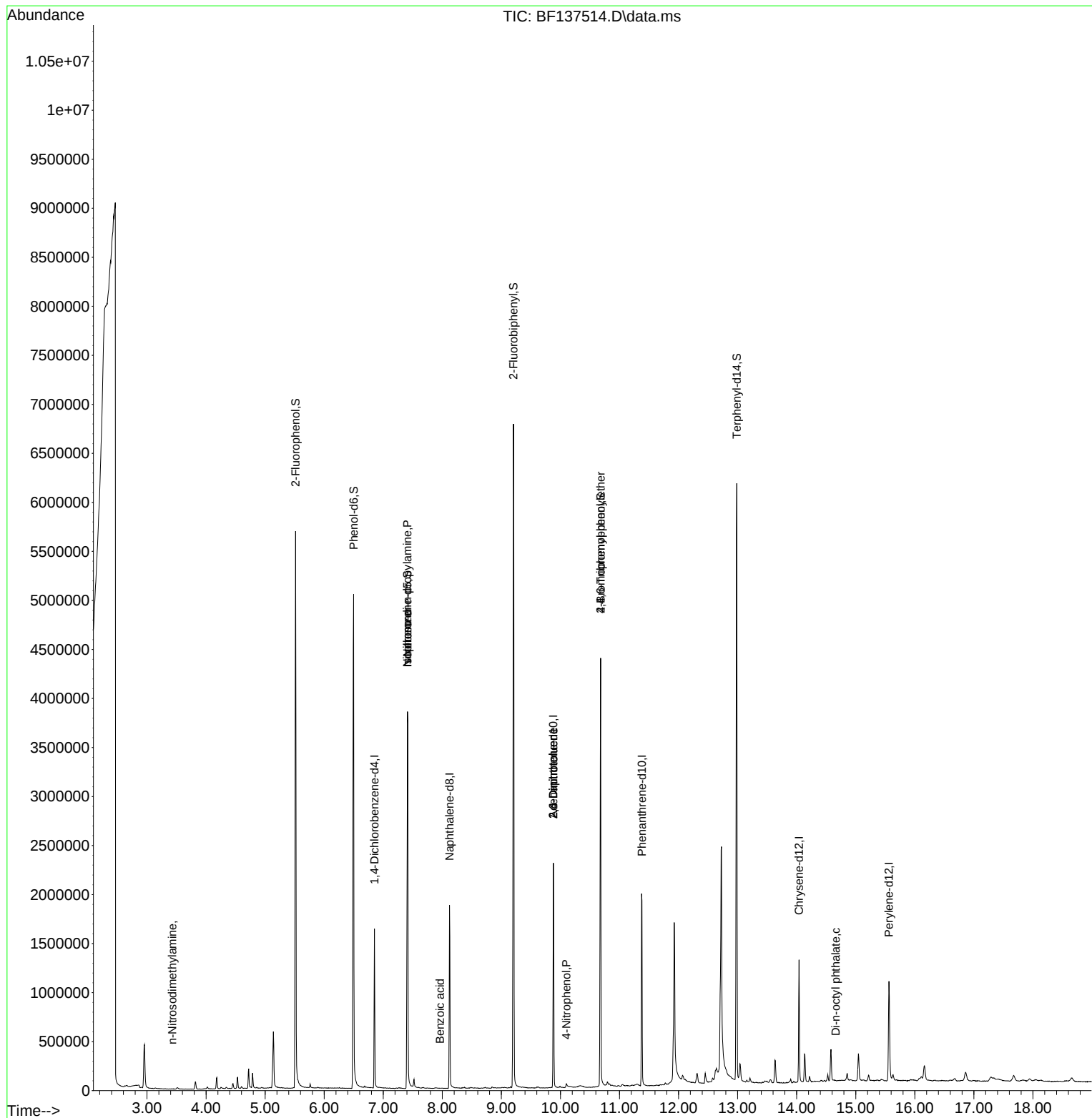
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	216174	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	830687	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	459727	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	747630	20.000	ng	0.00
76) Chrysene-d12	14.039	240	410949	20.000	ng	-0.01
86) Perylene-d12	15.562	264	407847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1671135	117.082	ng	0.00
7) Phenol-d6	6.498	99	2050825	99.540	ng	0.00
23) Nitrobenzene-d5	7.410	82	1556678	87.072	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	527760	130.724	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	2395622	81.570	ng	-0.01
79) Terphenyl-d14	12.986	244	2424684	81.134	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.428	42	326	3.848	ng	# 1
19) n-Nitroso-di-n-propyla...	7.410	70	204482	16.072	ng	# 82
25) Isophorone	7.410	82	1556668	45.831	ng	# 69
32) Benzoic acid	7.963	122	240	6.326	ng	92
51) 2,6-Dinitrotoluene	9.880	165	59520	8.892	ng	# 20
56) 4-Nitrophenol	10.098	139	144	4.553	ng	88
57) 2,4-Dinitrotoluene	9.880	165	59520	7.238	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	35878	4.406	ng	# 1
85) Di-n-octyl phthalate	14.663	149	1155	5.647	ng	# 69

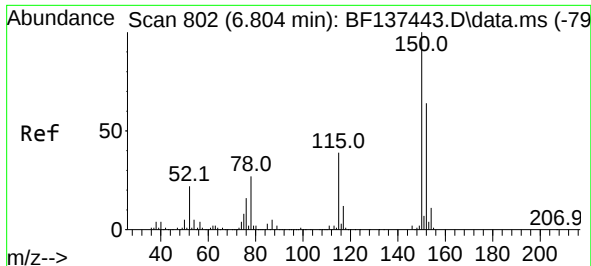
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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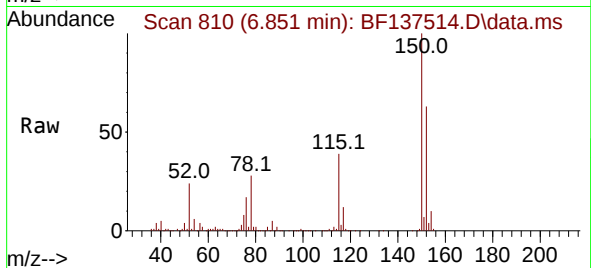
Quant Time: Mar 06 13:16:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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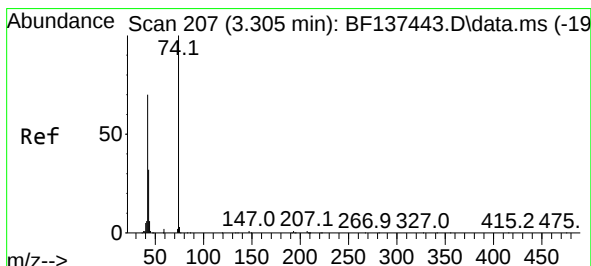
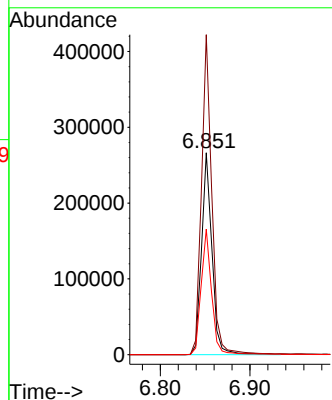
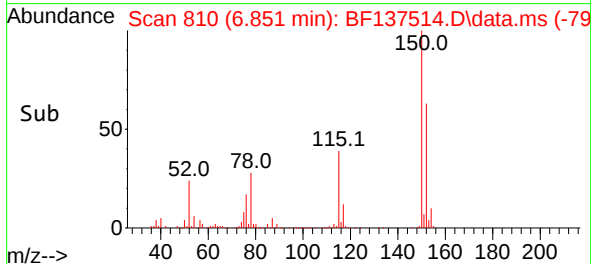


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

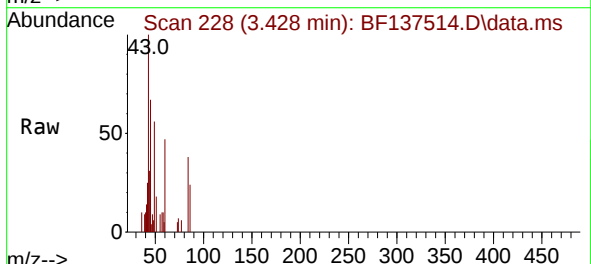
Instrument :
BNA_F
ClientSampleId :
TP-1



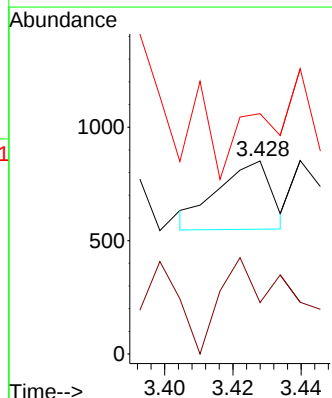
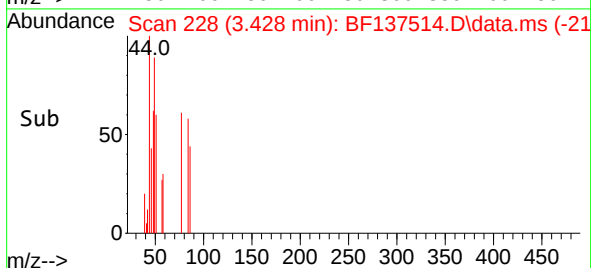
Tgt Ion:152 Resp: 216174
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.6
115 62.2 48.8 73.2

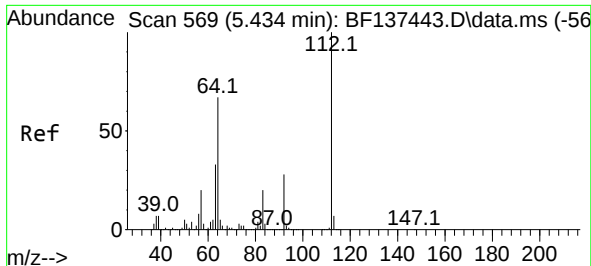


#4
n-Nitrosodimethylamine
Concen: 3.848 ng
RT: 3.428 min Scan# 228
Delta R.T. -0.018 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56



Tgt Ion: 42 Resp: 326
Ion Ratio Lower Upper
42 100
74 26.7 114.0 171.0#
44 124.6 7.0 10.4#

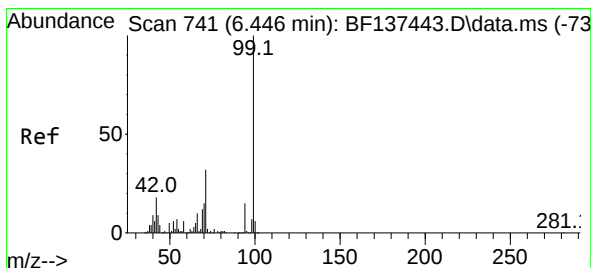
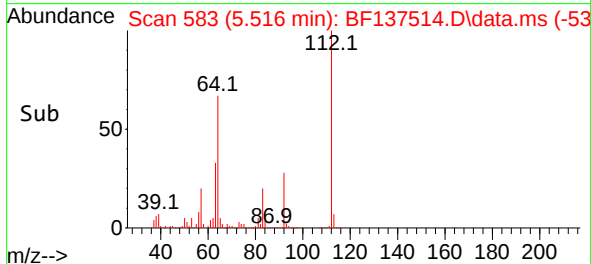
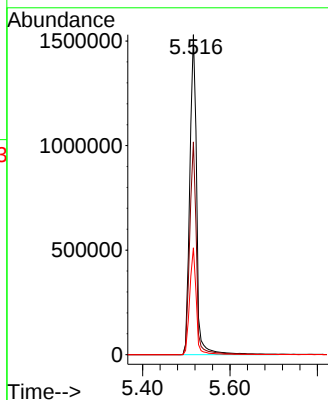
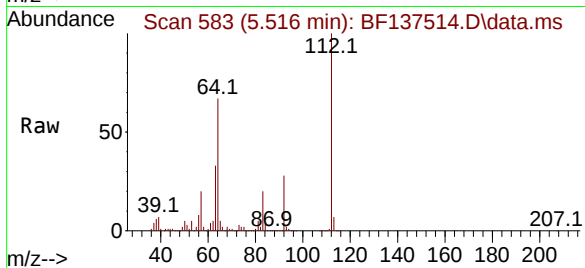




#5
2-Fluorophenol
Concen: 117.082 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

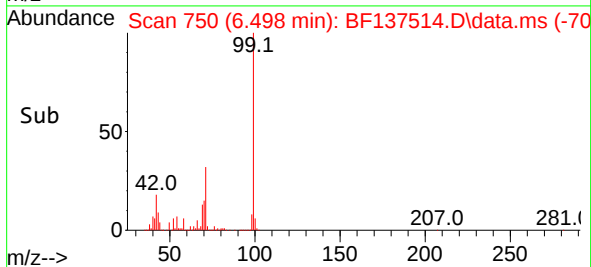
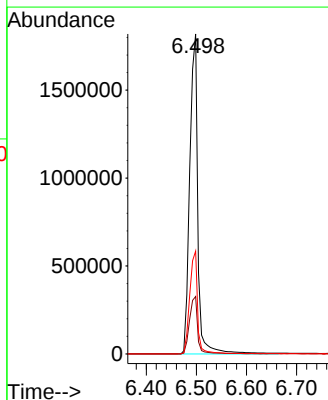
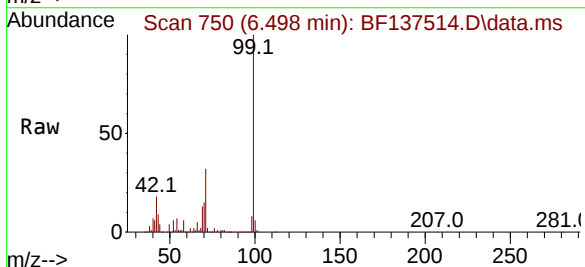
Instrument :
BNA_F
ClientSampleId :
TP-1

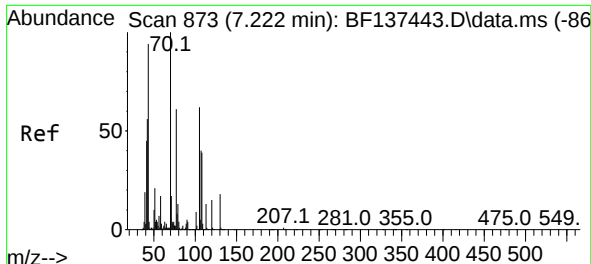
Tgt Ion:112 Resp: 1671135
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 33.4 26.2 39.2



#7
Phenol-d6
Concen: 99.540 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

Tgt Ion: 99 Resp: 2050825
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 32.1 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 16.072 ng

RT: 7.410 min Scan# 90

Delta R.T. 0.130 min

Lab File: BF137514.D

Acq: 06 Mar 2024 12:56

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion: 70 Resp: 204482

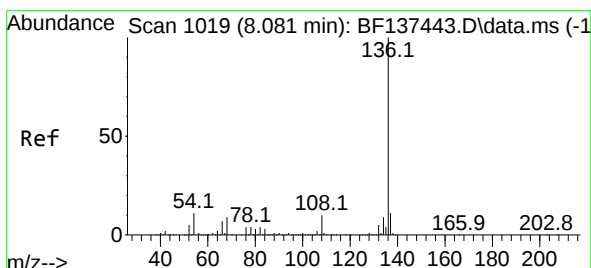
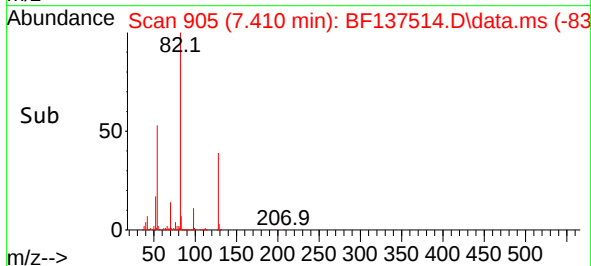
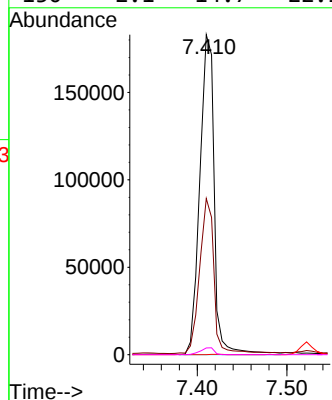
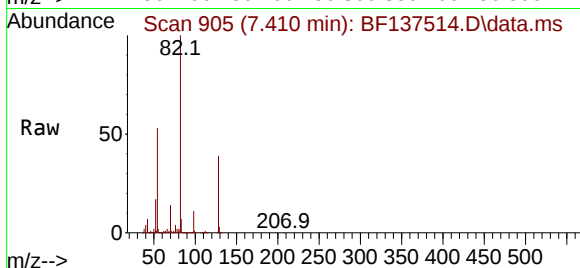
Ion Ratio Lower Upper

70 100

42 48.8 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: 8.122 min Scan# 1026

Delta R.T. -0.012 min

Lab File: BF137514.D

Acq: 06 Mar 2024 12:56

Tgt Ion:136 Resp: 830687

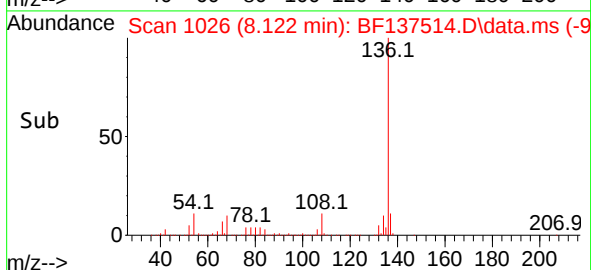
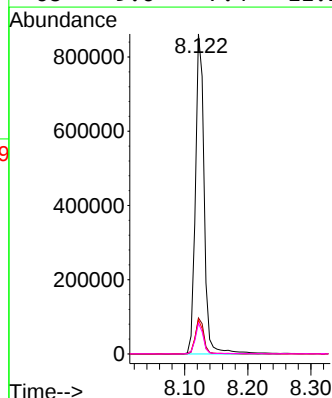
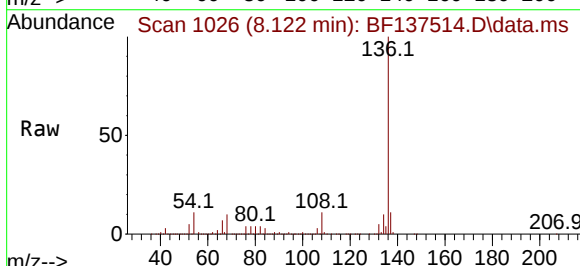
Ion Ratio Lower Upper

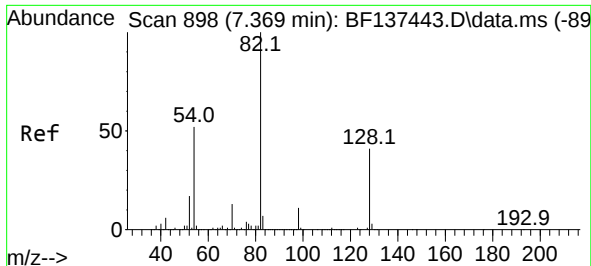
136 100

137 11.2 9.1 13.7

54 10.7 8.5 12.7

68 9.6 7.4 11.2

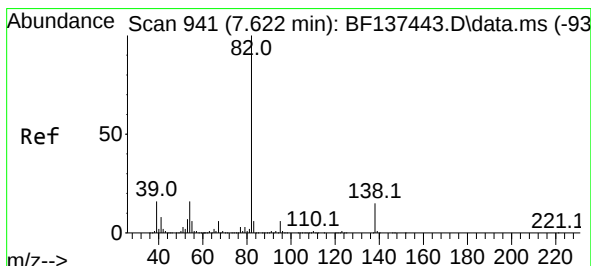
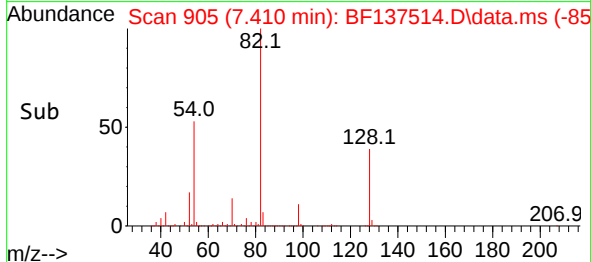
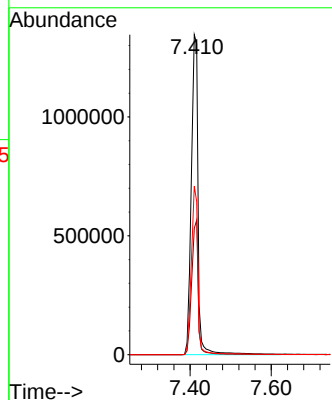
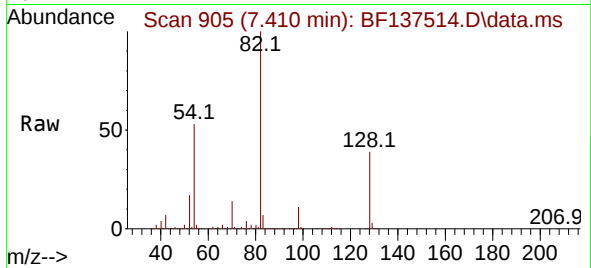




#23
Nitrobenzene-d5
Concen: 87.072 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

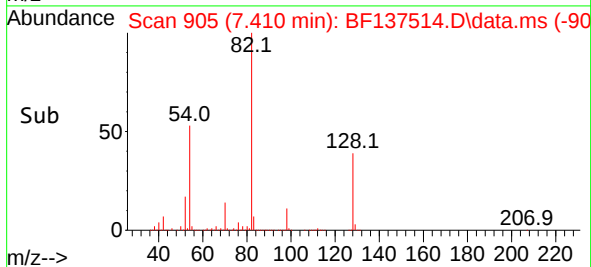
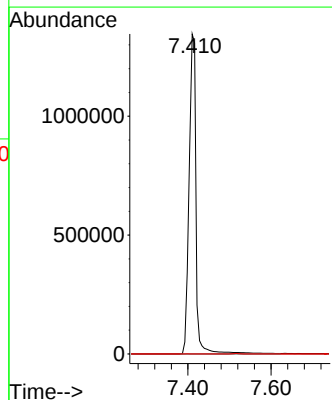
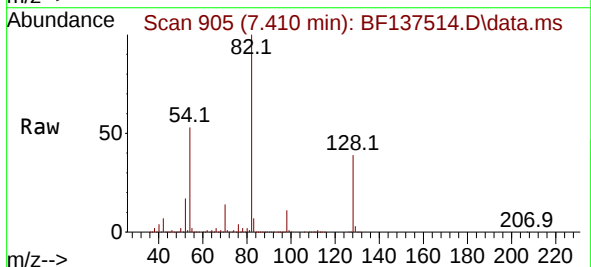
Instrument :
BNA_F
ClientSampleId :
TP-1

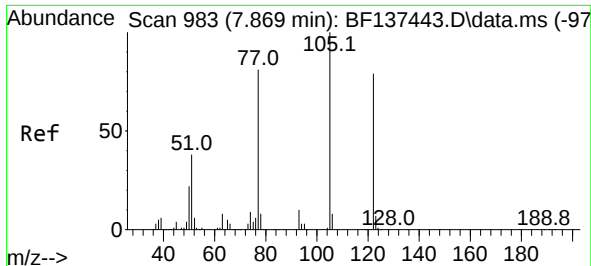
Tgt Ion: 82 Resp: 1556678
Ion Ratio Lower Upper
82 100
128 39.5 32.5 48.7
54 52.7 41.5 62.3



#25
Isophorone
Concen: 45.831 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

Tgt Ion: 82 Resp: 1556668
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

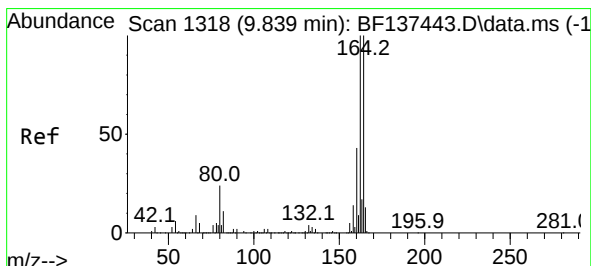
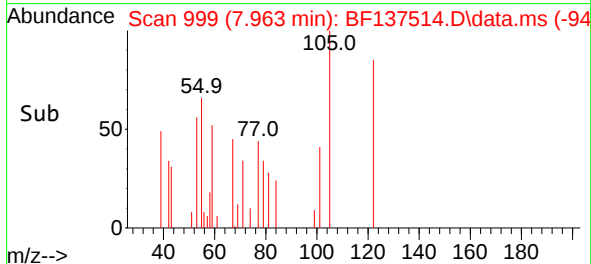
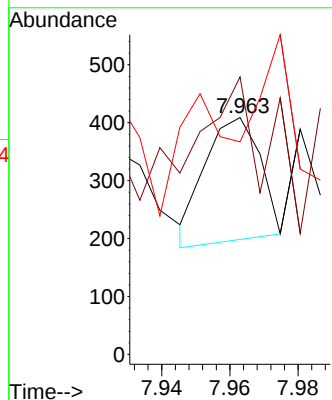
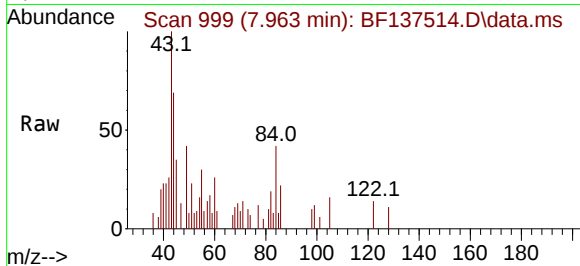




#32
Benzoic acid
Concen: 6.326 ng
RT: 7.963 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

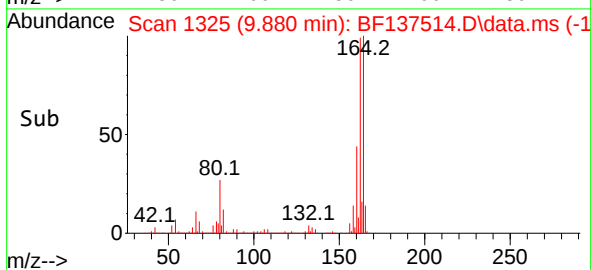
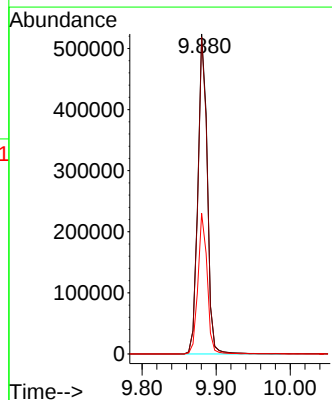
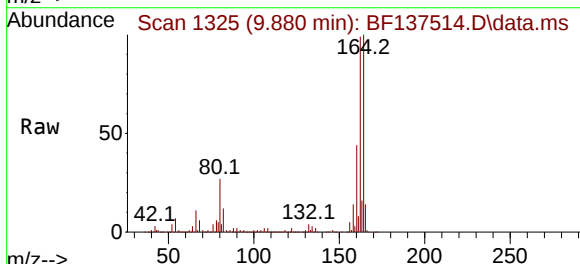
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BNA_F
ClientSampleId :
TP-1

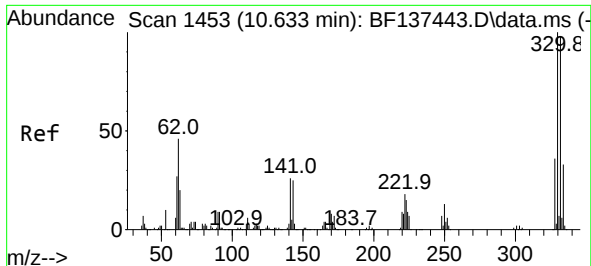
Tgt Ion:122 Resp: 240
Ion Ratio Lower Upper
122 100
105 117.1 102.4 142.4
77 89.7 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

Tgt Ion:164 Resp: 459727
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 130.724 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137514.D

Acq: 06 Mar 2024 12:56

Instrument :

BNA_F

ClientSampleId :

TP-1

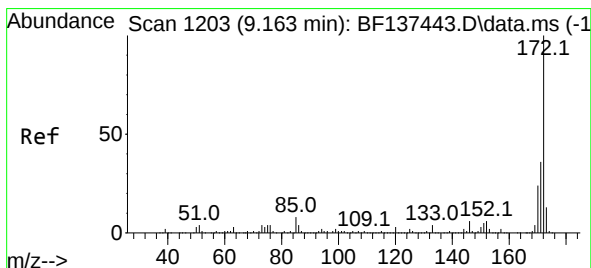
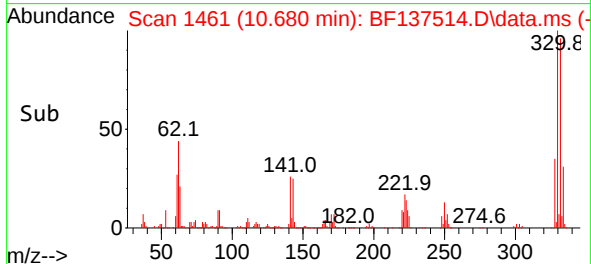
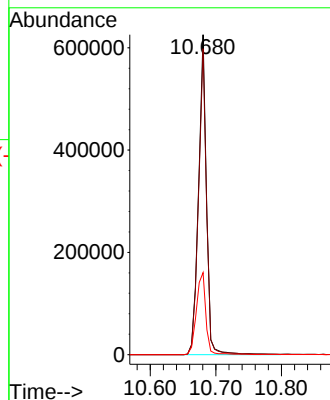
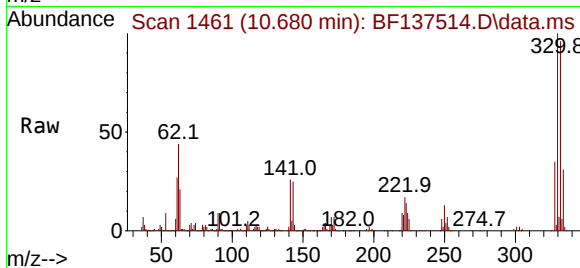
Tgt Ion:330 Resp: 527760

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 30.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 81.570 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF137514.D

Acq: 06 Mar 2024 12:56

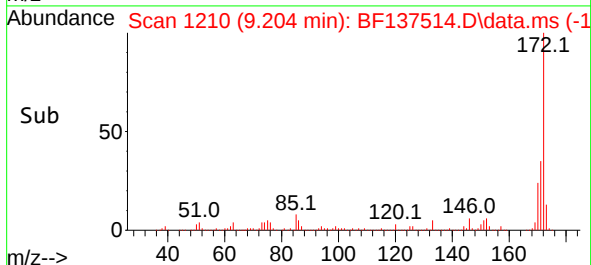
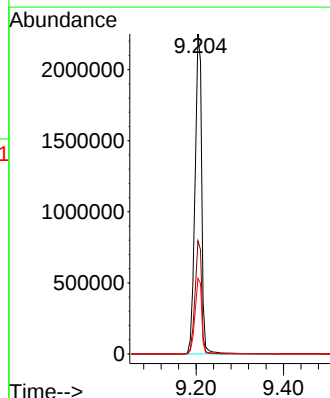
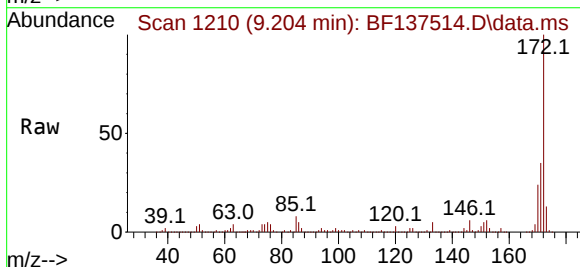
Tgt Ion:172 Resp: 2395622

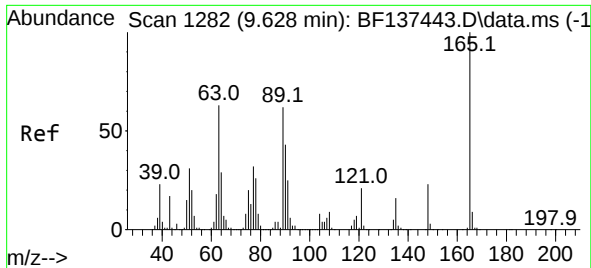
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.6 19.0 28.6

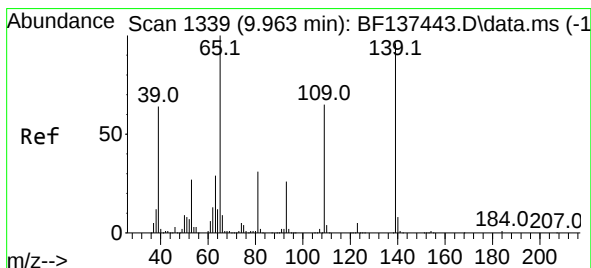
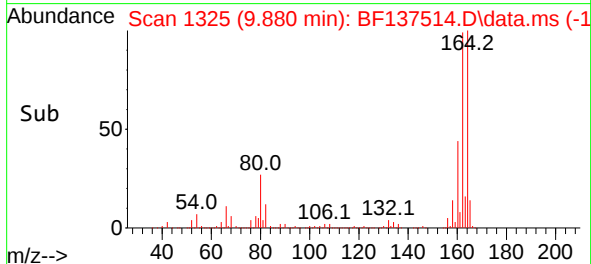
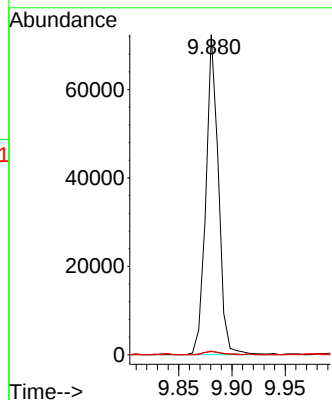
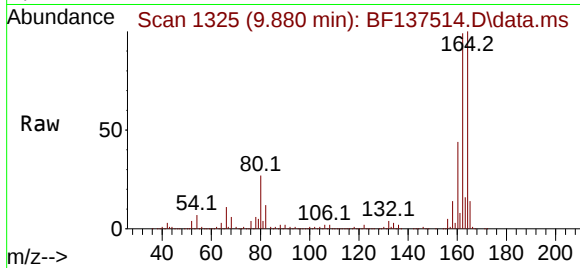




#51
2,6-Dinitrotoluene
Concen: 8.892 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

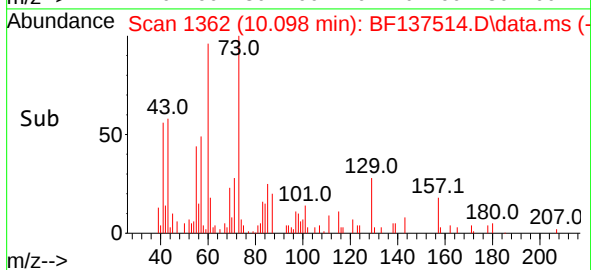
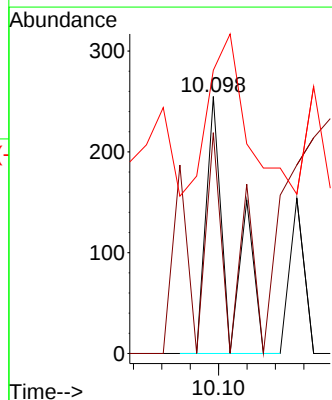
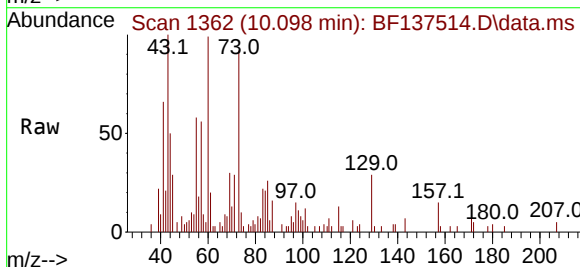
Instrument :
BNA_F
ClientSampleId :
TP-1

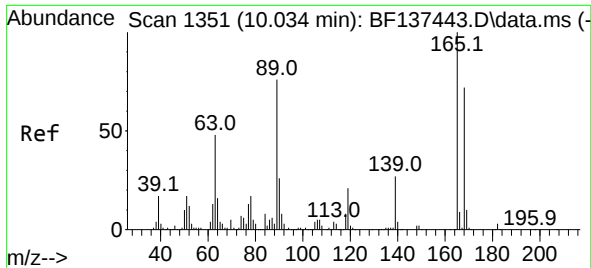
Tgt Ion:165 Resp: 59520
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.2 50.0 75.0#



#56
4-Nitrophenol
Concen: 4.553 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.077 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

Tgt Ion:139 Resp: 144
Ion Ratio Lower Upper
139 100
109 85.9 47.1 87.1
65 110.2 85.1 125.1

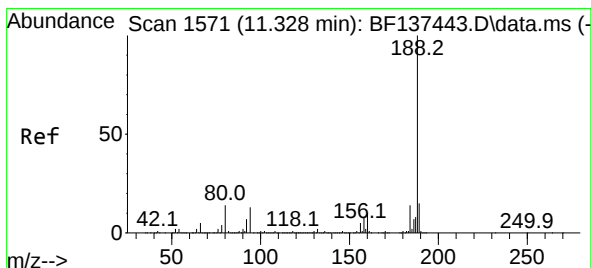
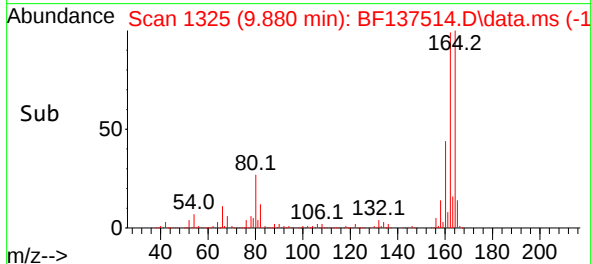
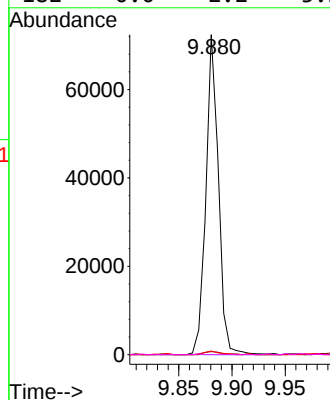
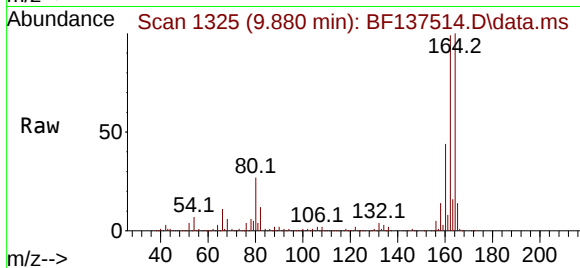




#57
2,4-Dinitrotoluene
Concen: 7.238 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

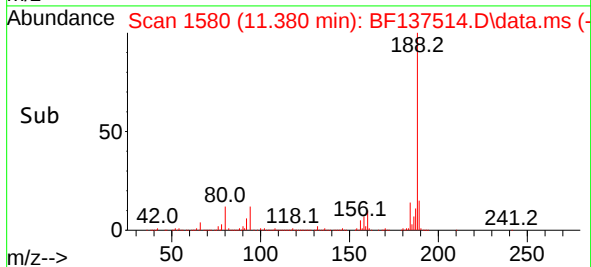
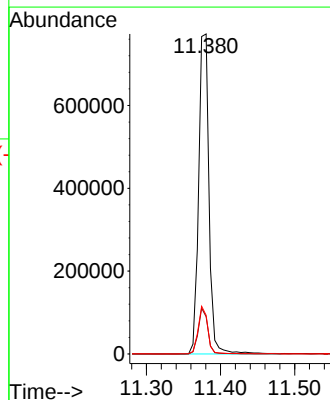
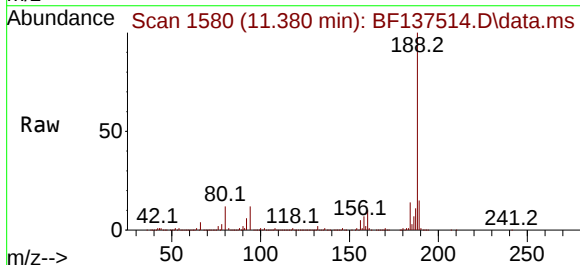
Instrument :
BNA_F
ClientSampleId :
TP-1

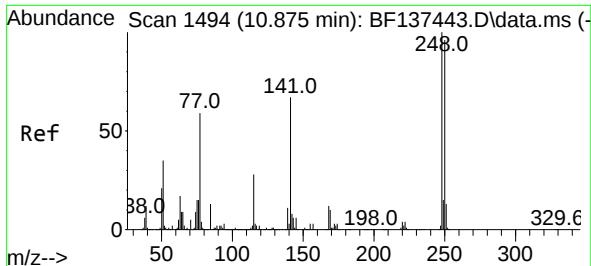
Tgt Ion:165	Resp:	59520
Ion Ratio	Lower	Upper
165	100	
63	1.0	39.0 58.6#
89	1.2	60.9 91.3#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

Tgt Ion:188	Resp:	747630
Ion Ratio	Lower	Upper
188	100	
94	11.6	10.6 15.8
80	12.1	11.5 17.3

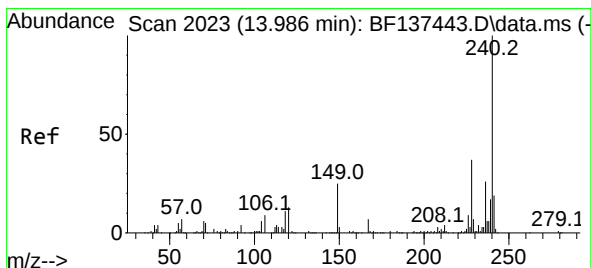
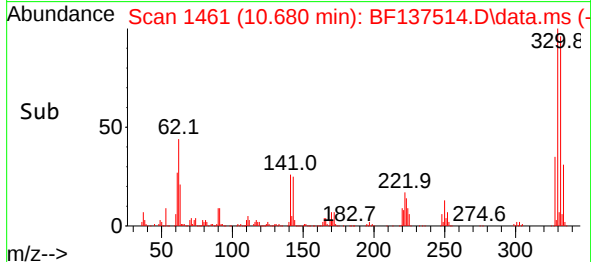
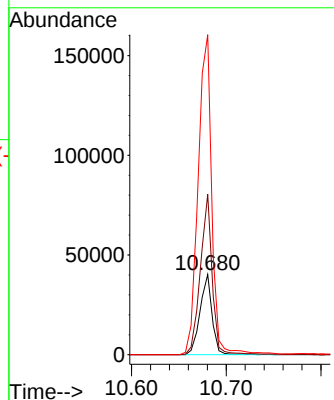
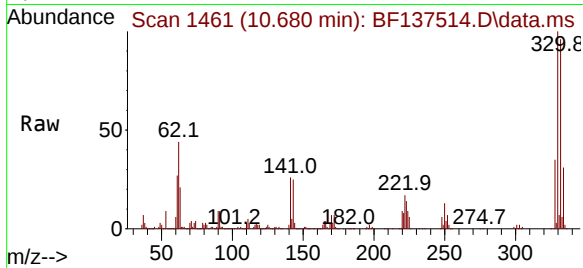




#67
4-Bromophenyl-phenylether
Concen: 4.406 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

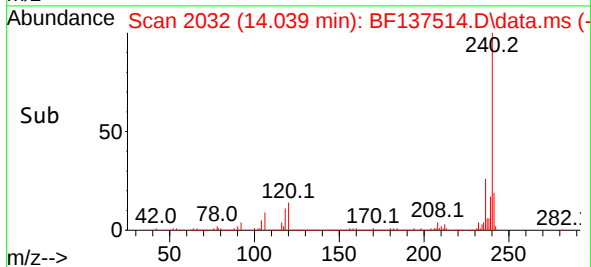
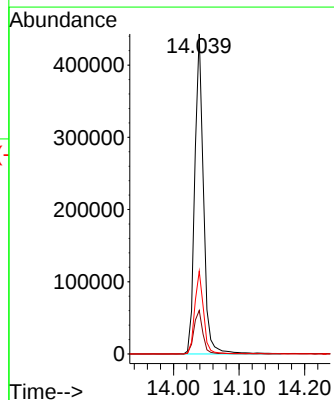
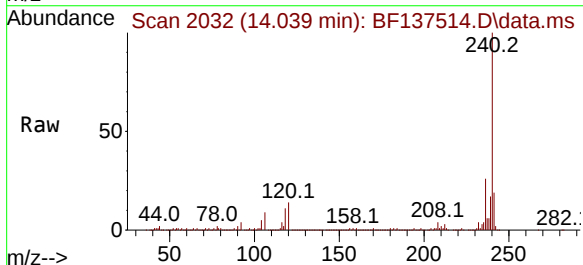
Instrument :
BNA_F
ClientSampleId :
TP-1

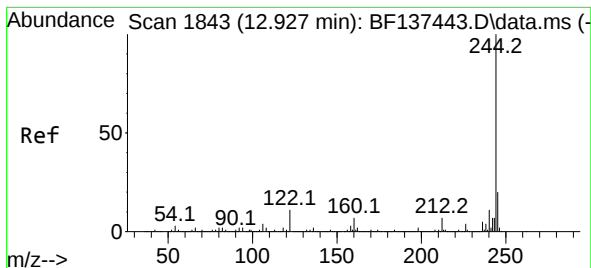
Tgt Ion:248 Resp: 35878
Ion Ratio Lower Upper
248 100
250 200.1 76.8 115.2#
141 399.2 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

Tgt Ion:240 Resp: 410949
Ion Ratio Lower Upper
240 100
120 13.6 10.4 15.6
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 81.134 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137514.D

Acq: 06 Mar 2024 12:56

Instrument :

BNA_F

ClientSampleId :

TP-1

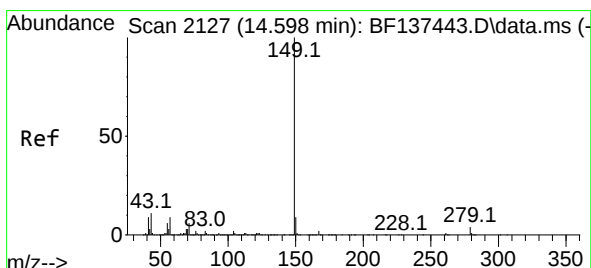
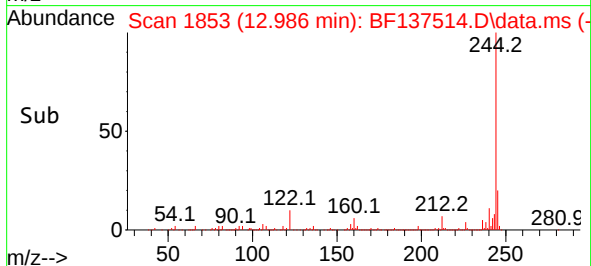
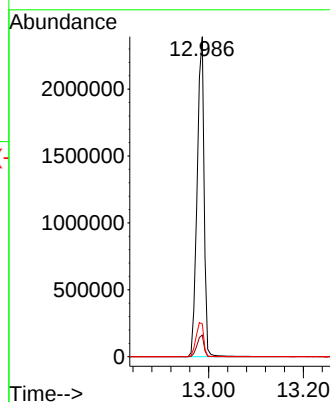
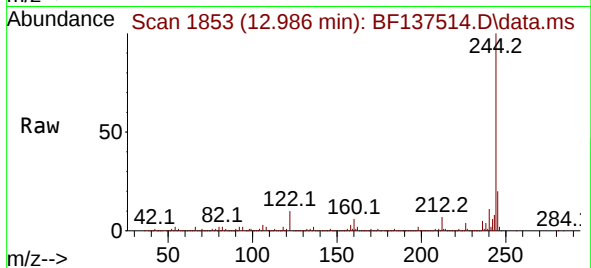
Tgt Ion:244 Resp: 2424684

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.3 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.647 ng

RT: 14.663 min Scan# 2138

Delta R.T. 0.000 min

Lab File: BF137514.D

Acq: 06 Mar 2024 12:56

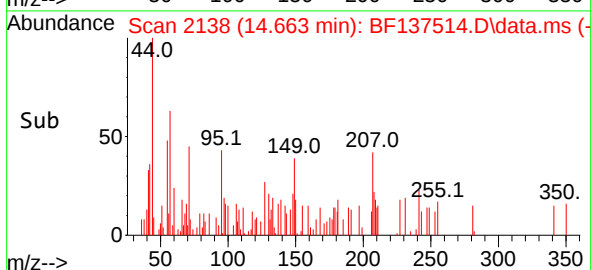
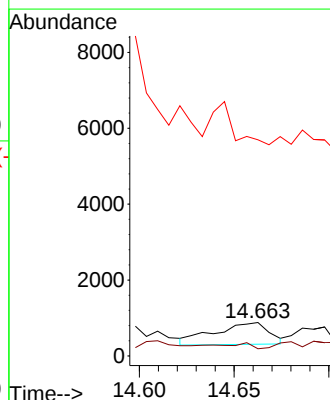
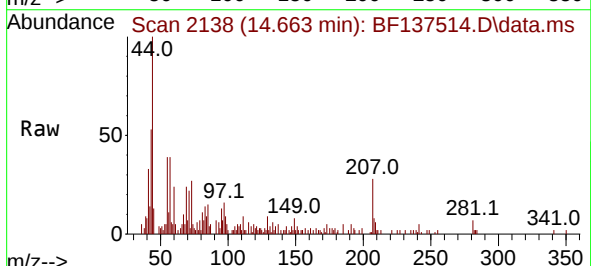
Tgt Ion:149 Resp: 1155

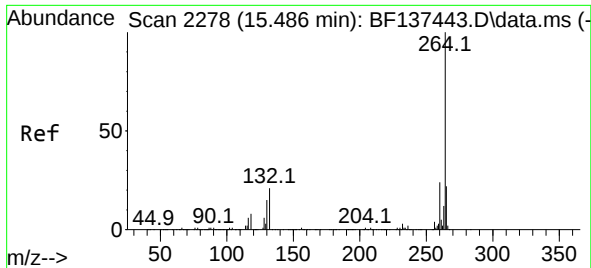
Ion Ratio Lower Upper

149 100

167 12.8 1.2 1.8#

43 0.0 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137514.D
Acq: 06 Mar 2024 12:56

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 407847

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	22.2	17.4	26.0

