

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136357.D
 Acq On : 02 Dec 2023 02:54
 Operator : CG\JU
 Sample : 05489-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-SP-3-E2

Quant Time: Dec 02 03:31:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

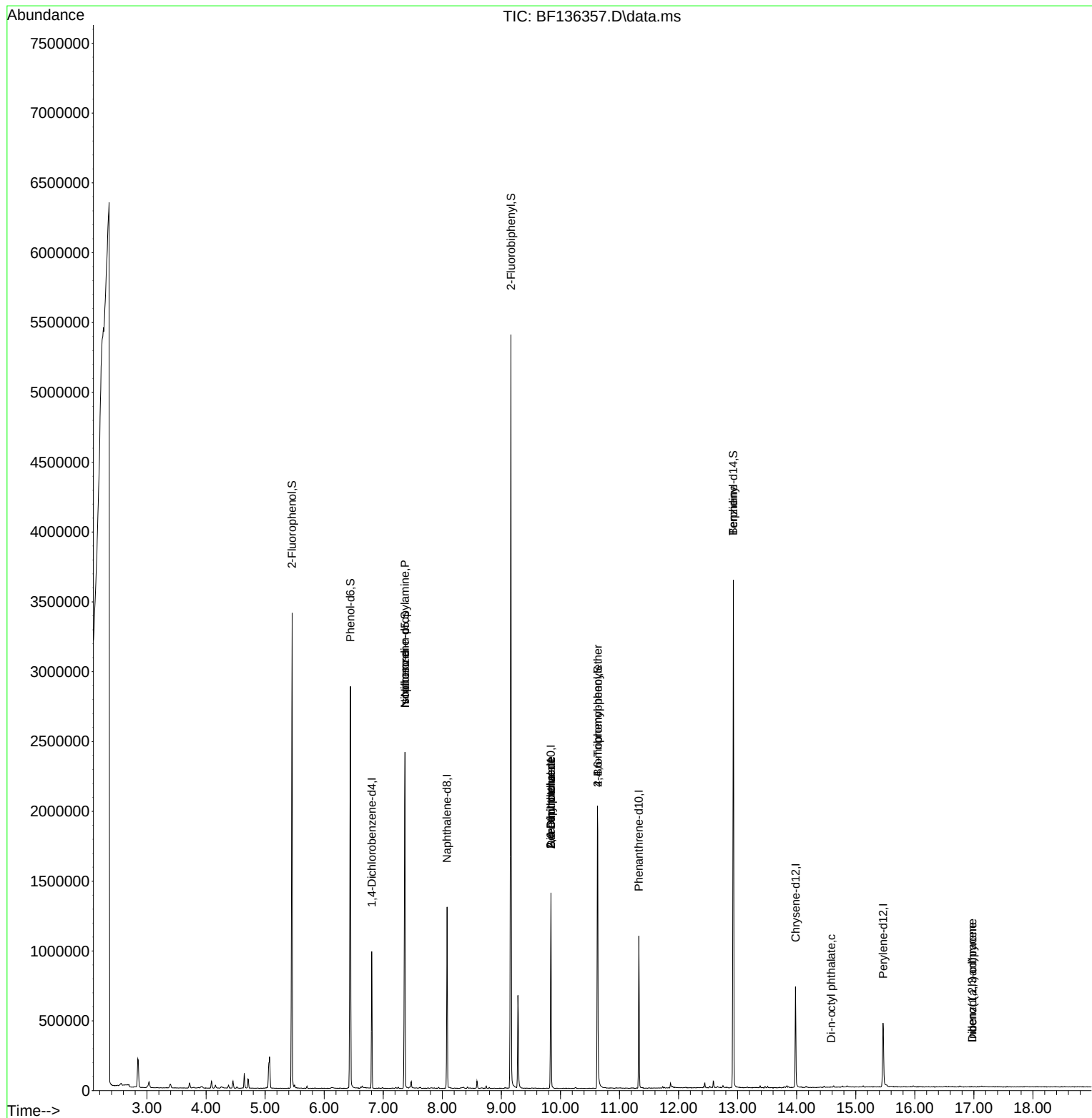
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	133119	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	552164	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	265942	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	378944	20.000	ng	0.00
76) Chrysene-d12	13.980	240	241625	20.000	ng	-0.01
86) Perylene-d12	15.462	264	247028	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	985031	102.992	ng	0.02
7) Phenol-d6	6.445	99	1114427	93.189	ng	0.00
23) Nitrobenzene-d5	7.369	82	832313	79.654	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	300165	92.320	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1713528	82.300	ng	0.00
79) Terphenyl-d14	12.927	244	1296173	61.878	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	110256	15.415	ng	# 73
25) Isophorone	7.369	82	832304	44.175	ng	# 68
50) Dimethylphthalate	9.839	163	54526	2.713	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	32838	7.997	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	32838	5.987	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	18153	4.106	ng	# 1
77) Benzidine	12.927	184	14389	3.623	ng	# 93
85) Di-n-octyl phthalate	14.586	149	540	5.192	ng	# 2
87) Indeno(1,2,3-cd)pyrene	16.974	276	327	2.696	ng	# 70
91) Dibenzo(a,h)anthracene	16.974	278	699	2.758	ng	# 58

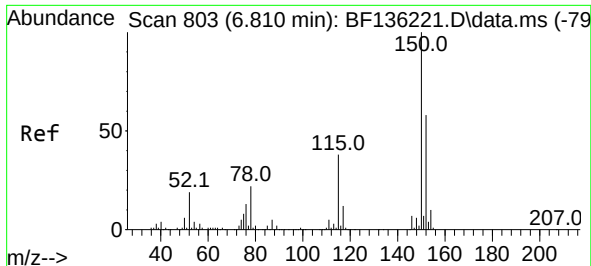
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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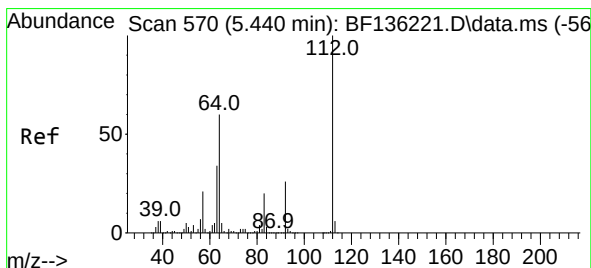
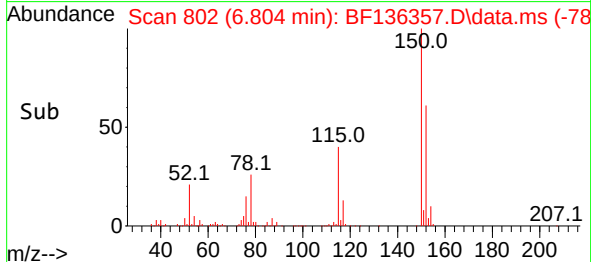
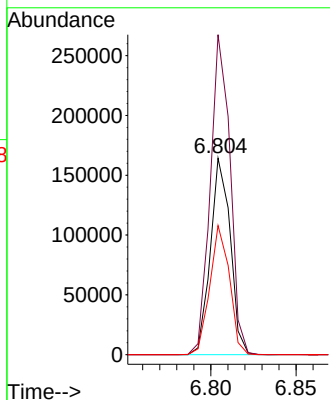
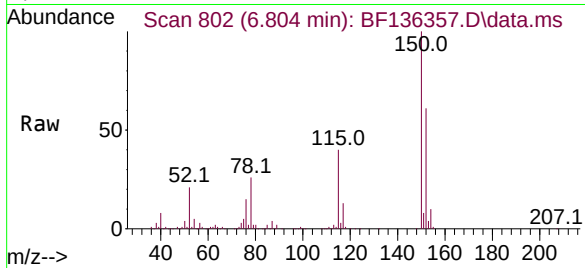




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

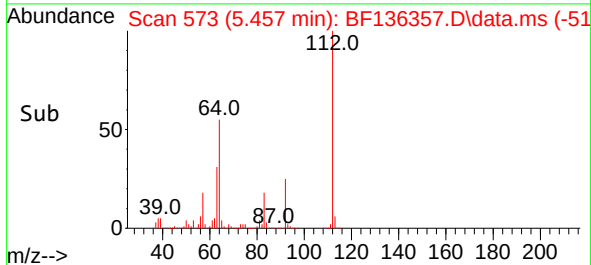
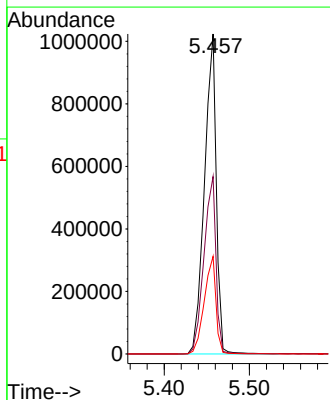
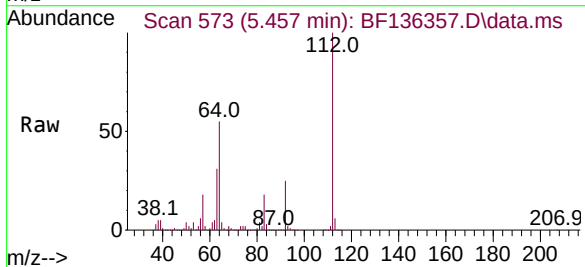
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

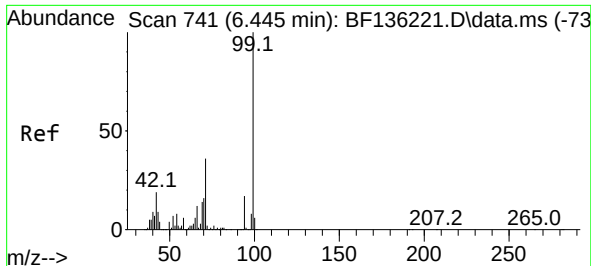
Tgt Ion:152 Resp: 133119
Ion Ratio Lower Upper
152 100
150 162.8 137.8 206.8
115 65.7 52.7 79.1



#5
2-Fluorophenol
Concen: 102.992 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:112 Resp: 985031
Ion Ratio Lower Upper
112 100
64 55.4 48.2 72.4
63 30.5 27.0 40.6



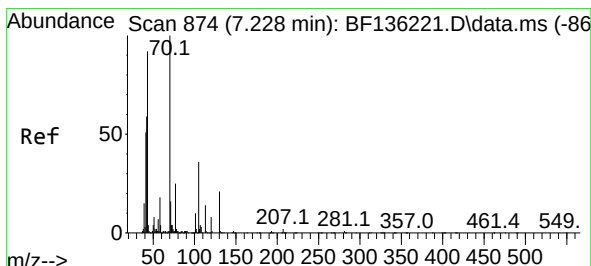
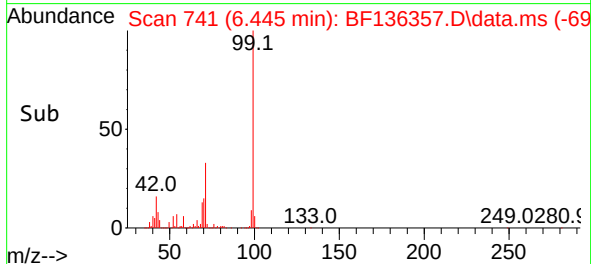
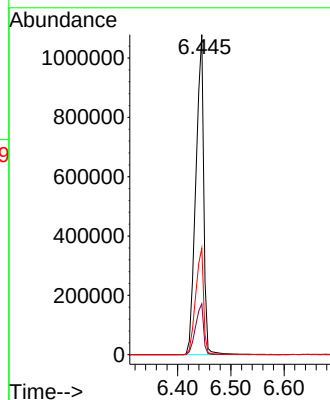
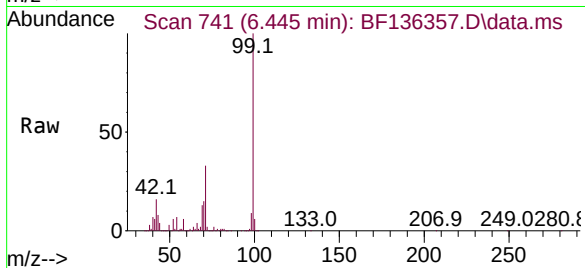


#7
Phenol-d6
Concen: 93.189 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

Tgt Ion: 99 Resp: 1114427

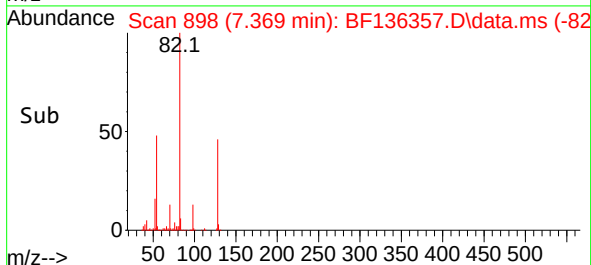
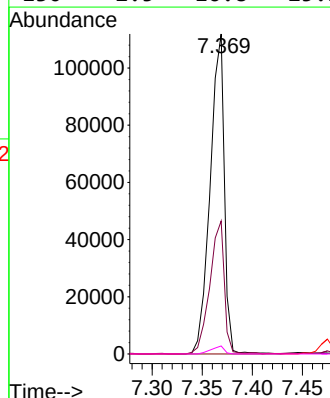
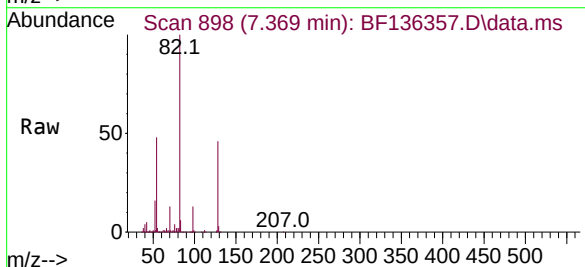
Ion	Ratio	Lower	Upper
99	100		
42	15.9	15.0	22.6
71	33.3	28.9	43.3

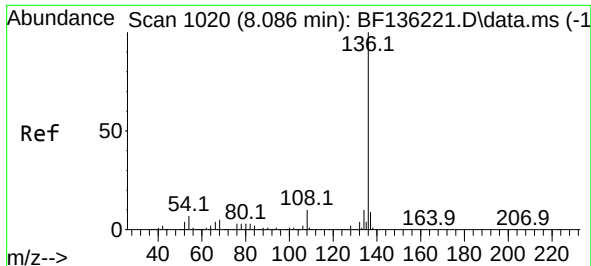


#19
n-Nitroso-di-n-propylamine
Concen: 15.415 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion: 70 Resp: 110256

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.0	70.4#
101	0.0	7.8	11.8#
130	2.5	16.8	25.2#

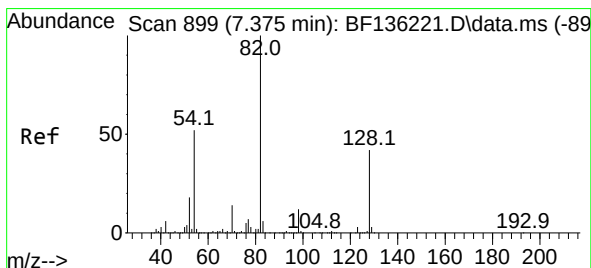
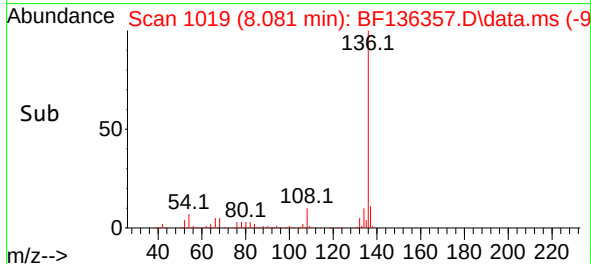
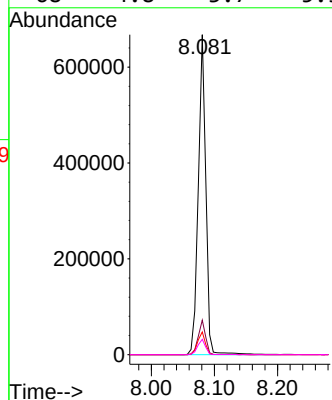
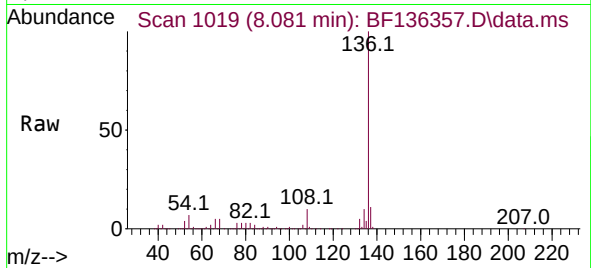




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

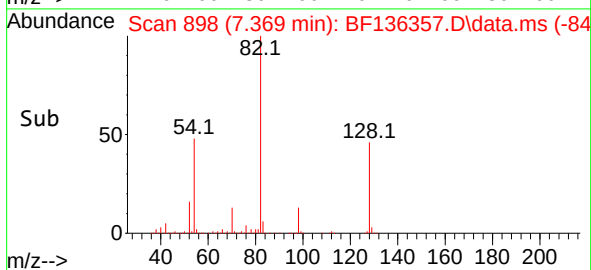
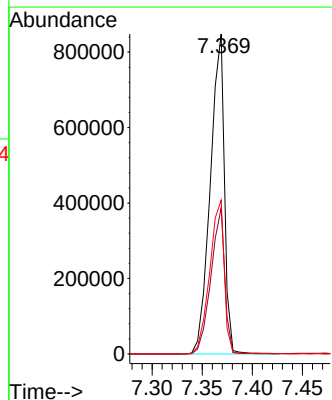
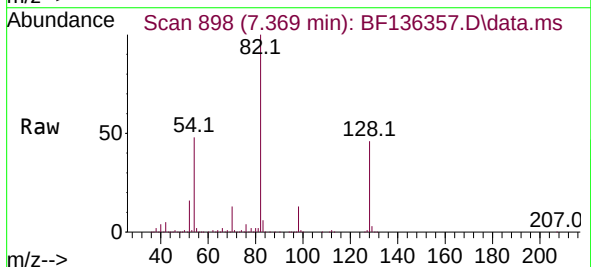
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

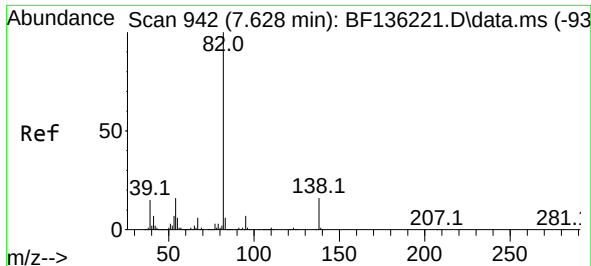
Tgt Ion:136 Resp: 552164
Ion Ratio Lower Upper
136 100
137 10.8 7.4 11.2
54 7.1 5.5 8.3
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 79.654 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion: 82 Resp: 832313
Ion Ratio Lower Upper
82 100
128 45.6 33.4 50.2
54 48.0 41.7 62.5

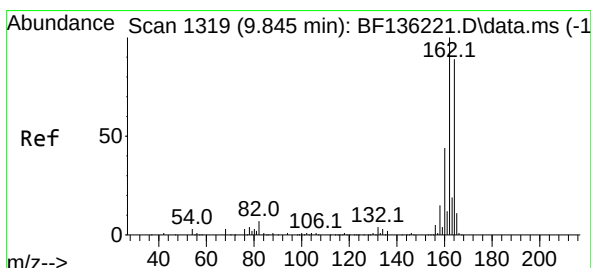
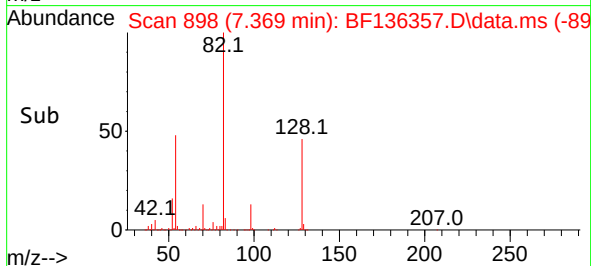
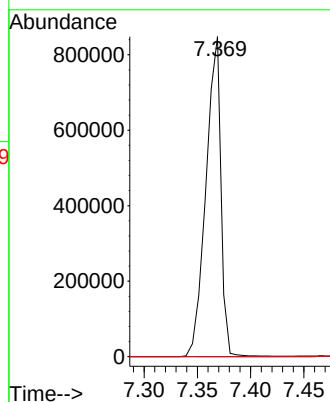
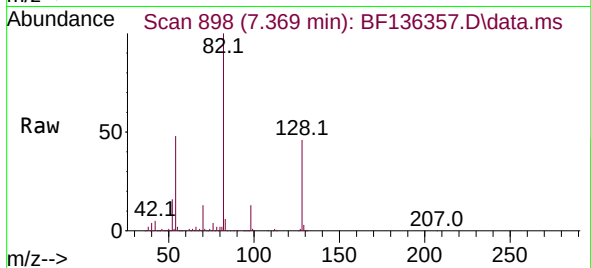




#25
Isophorone
Concen: 44.175 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

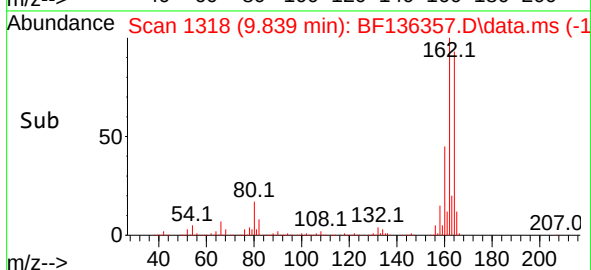
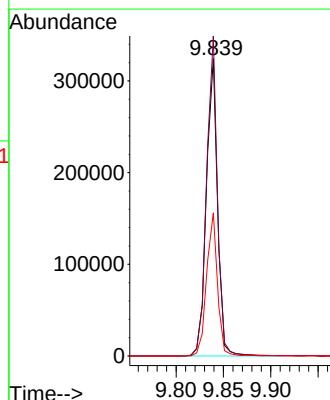
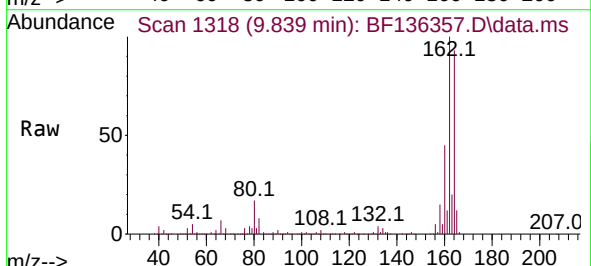
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

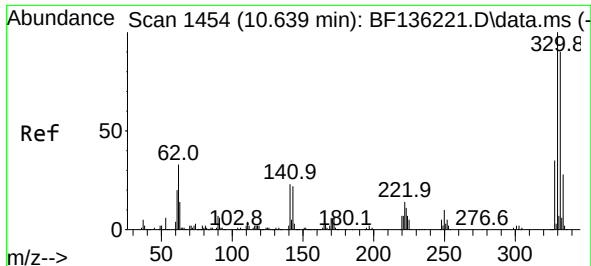
Tgt Ion: 82 Resp: 832304
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:164 Resp: 265942
Ion Ratio Lower Upper
164 100
162 107.6 89.5 134.3
160 48.2 39.6 59.4

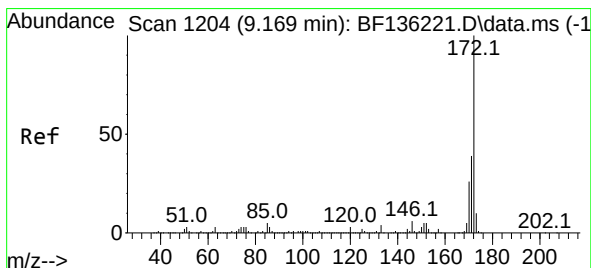
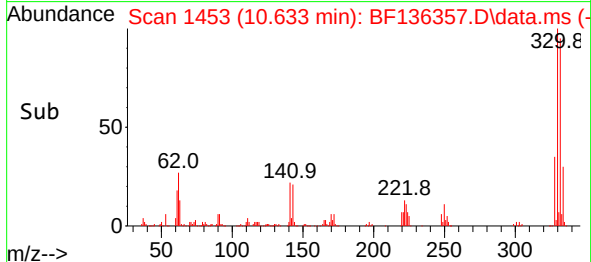
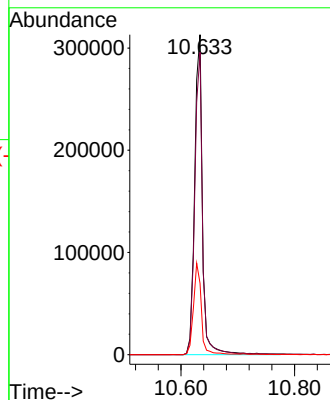
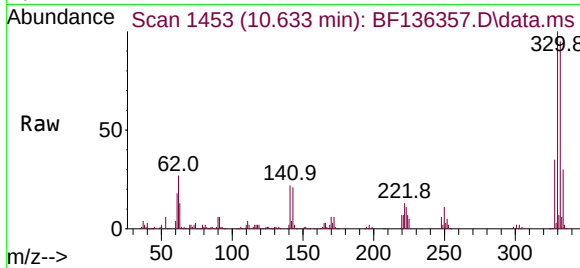




#42
2,4,6-Tribromophenol
Concen: 92.320 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

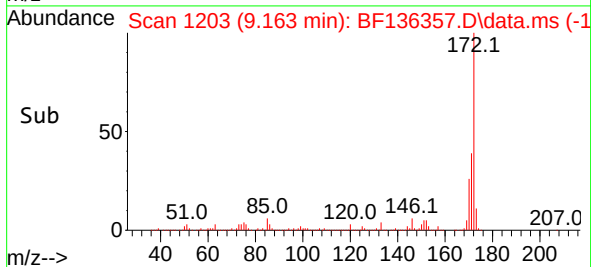
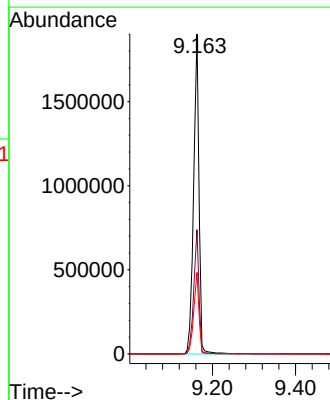
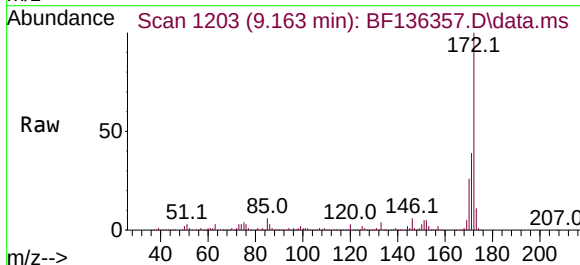
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

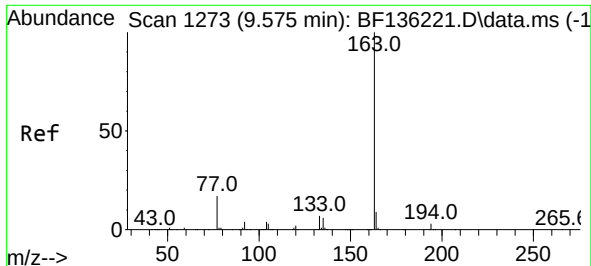
Tgt Ion:330 Resp: 300165
Ion Ratio Lower Upper
330 100
332 94.2 73.0 109.6
141 28.6 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 82.300 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:172 Resp: 1713528
Ion Ratio Lower Upper
172 100
171 38.9 31.5 47.3
170 25.5 20.8 31.2

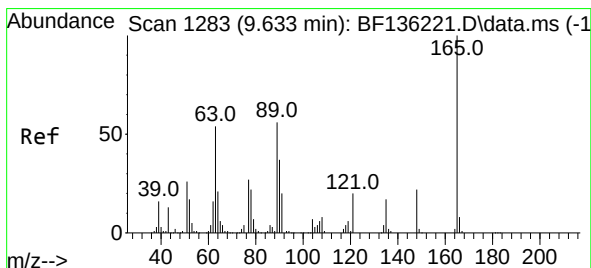
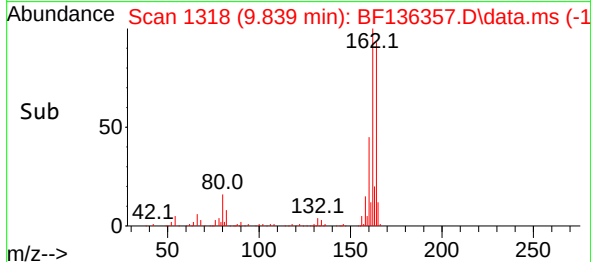
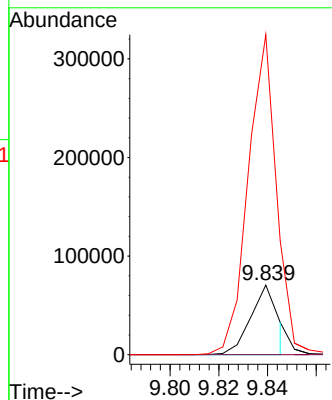
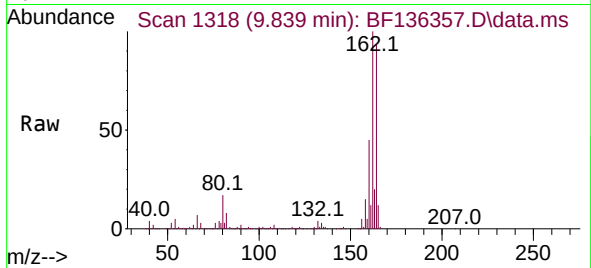




#50
Dimethylphthalate
Concen: 2.713 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

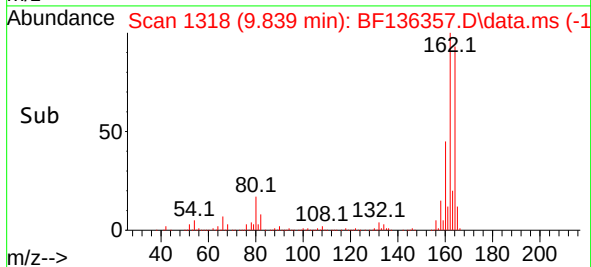
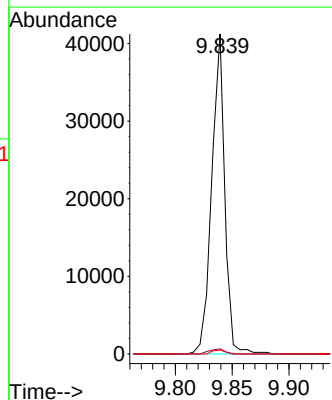
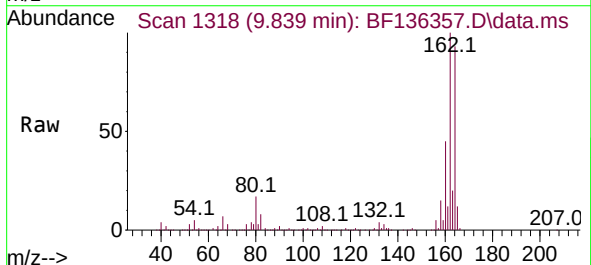
Instrument :
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TRACKS-SP-3-E2

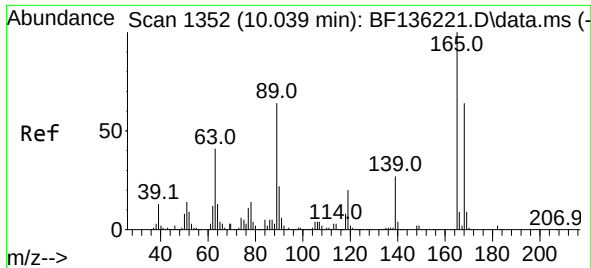
Tgt Ion:163 Resp: 54526
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 459.8 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.997 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:165 Resp: 32838
Ion Ratio Lower Upper
165 100
63 1.6 46.2 69.2#
89 1.2 44.9 67.3#

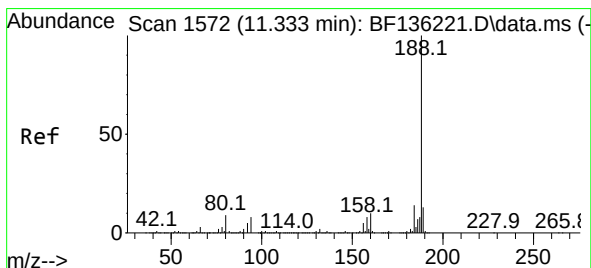
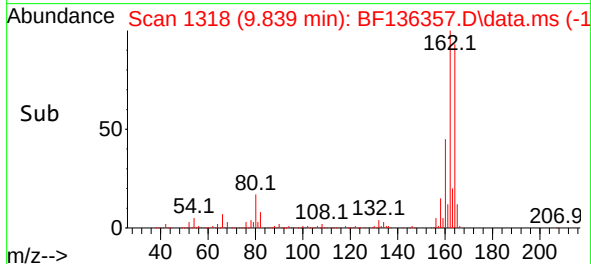
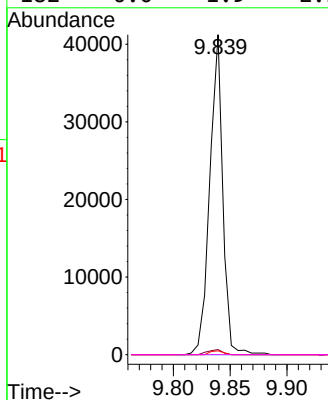
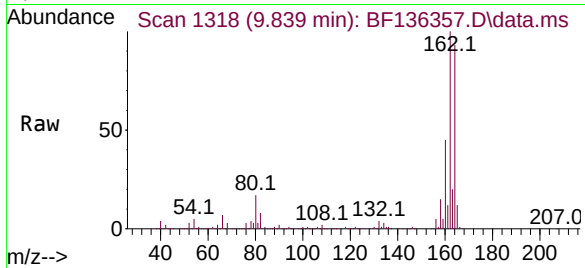




#57
2,4-Dinitrotoluene
Concen: 5.987 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

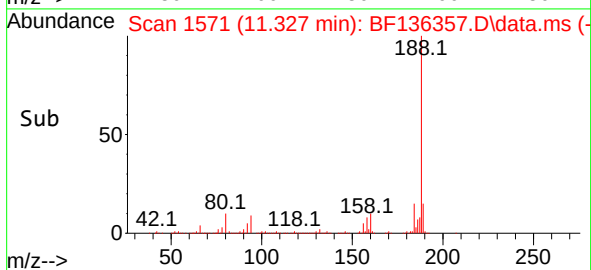
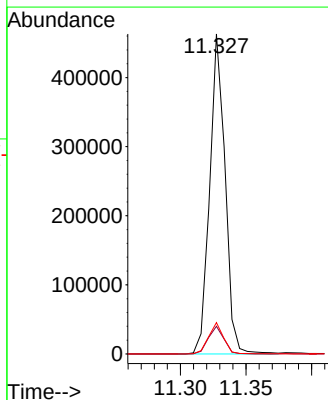
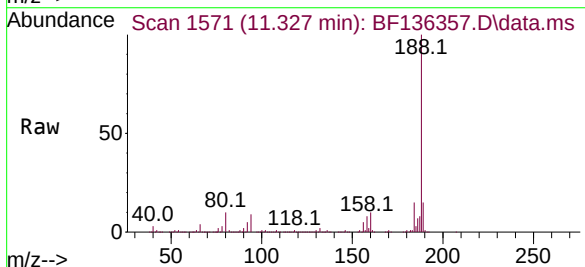
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

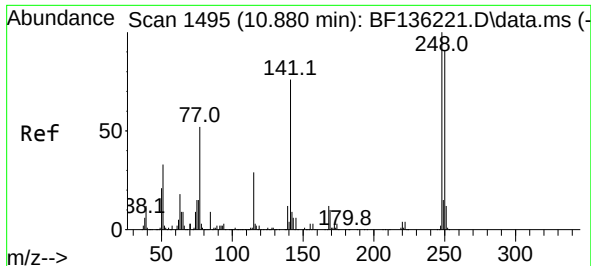
Tgt Ion:165 Resp: 32838
Ion Ratio Lower Upper
165 100
63 1.6 33.0 49.4#
89 1.2 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:188 Resp: 378944
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.8 7.2 10.8

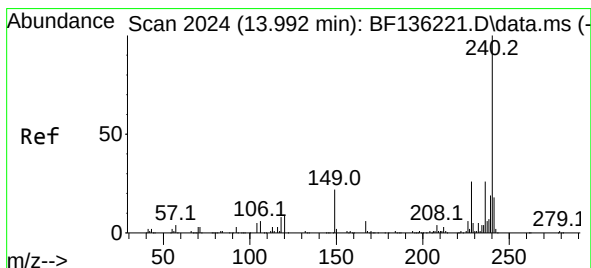
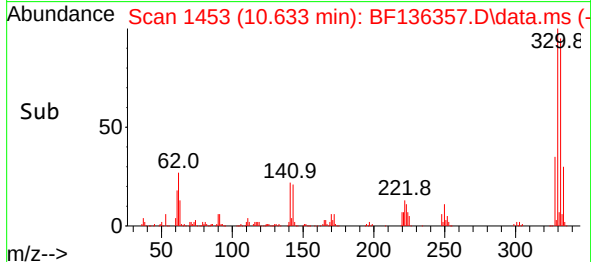
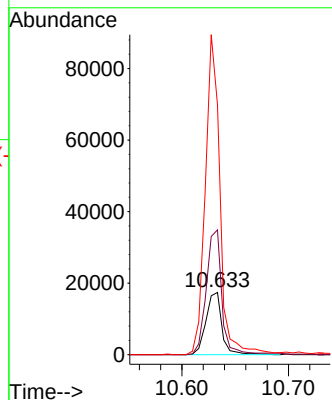
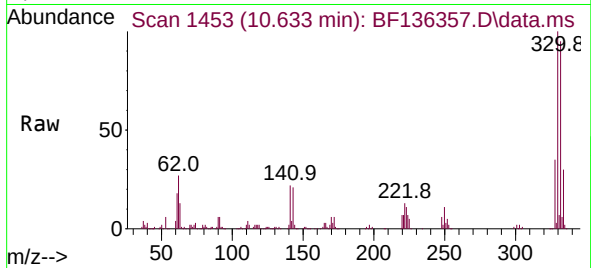




#67
4-Bromophenyl-phenylether
Concen: 4.106 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

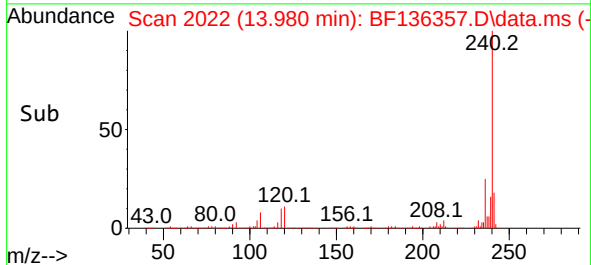
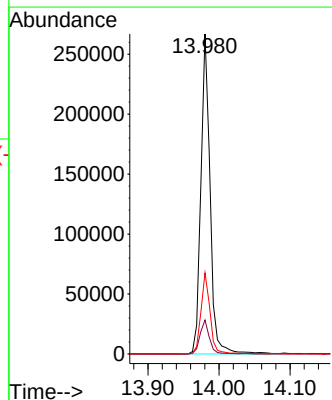
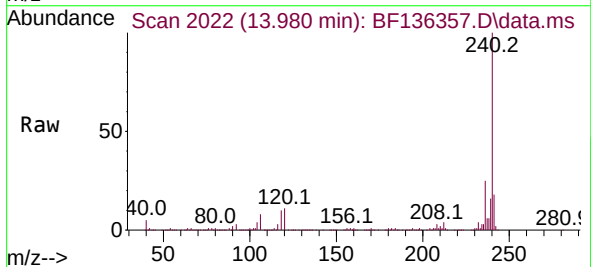
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

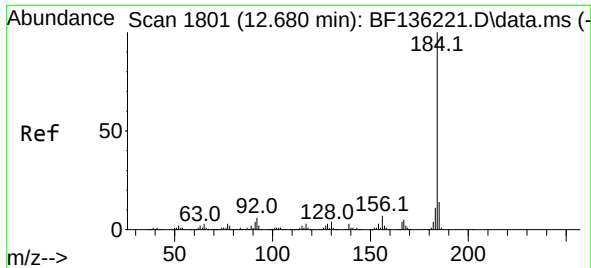
Tgt Ion:248 Resp: 18153
Ion Ratio Lower Upper
248 100
250 200.4 72.5 108.7#
141 401.5 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:240 Resp: 241625
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.2
236 25.4 21.1 31.7

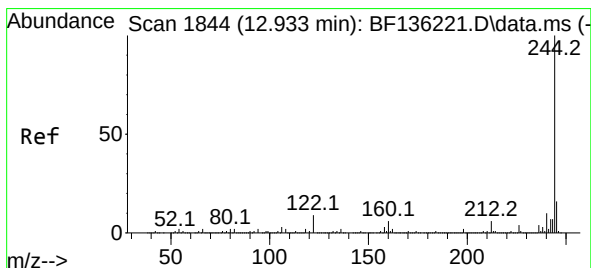
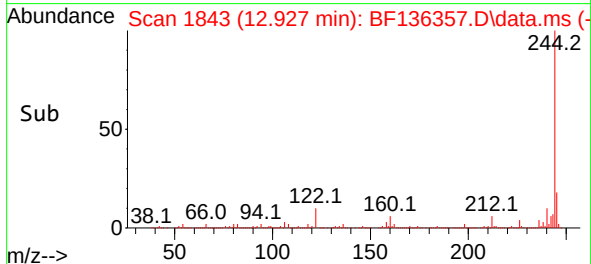
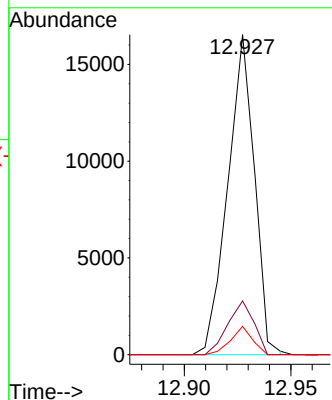
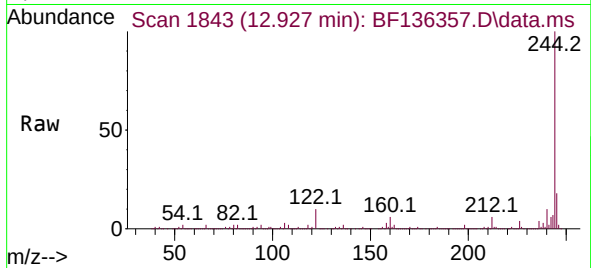




#77
Benzidine
Concen: 3.623 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

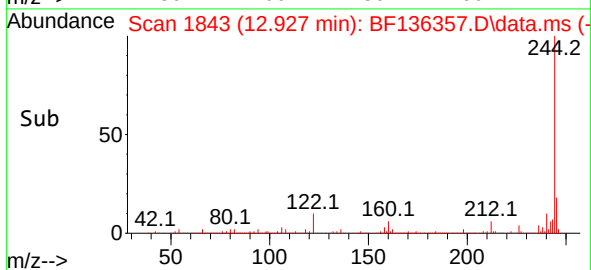
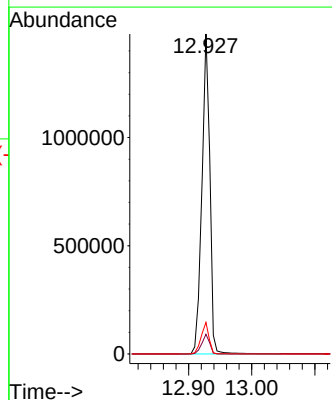
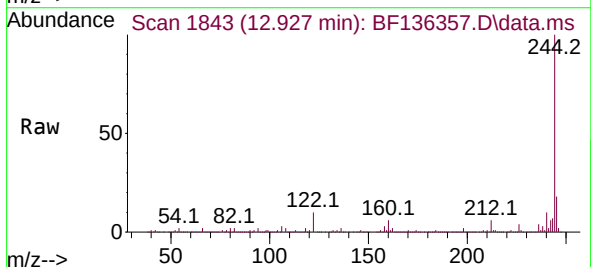
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

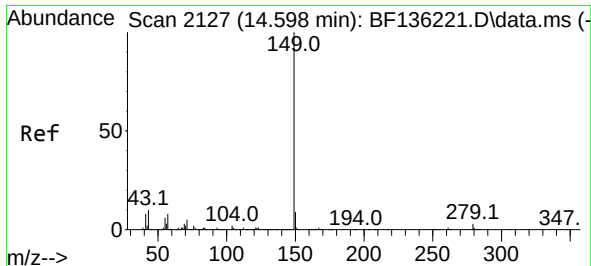
Tgt Ion:184 Resp: 14389
Ion Ratio Lower Upper
184 100
185 16.8 11.0 16.6#
183 8.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 61.878 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:244 Resp: 1296173
Ion Ratio Lower Upper
244 100
212 6.2 4.6 7.0
122 9.9 7.3 10.9

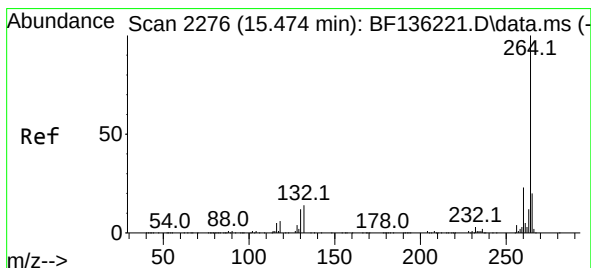
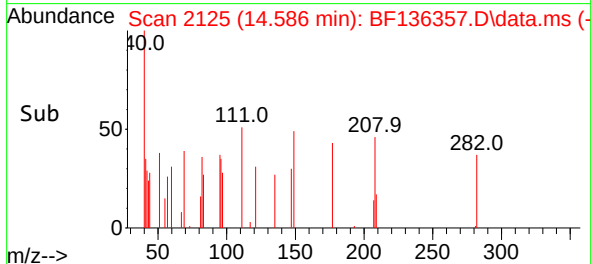
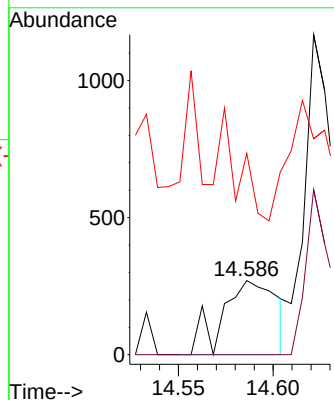
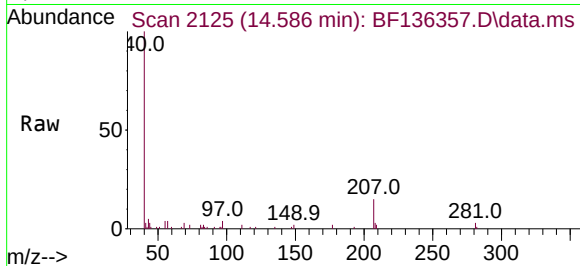




#85
Di-n-octyl phthalate
Concen: 5.192 ng
RT: 14.586 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

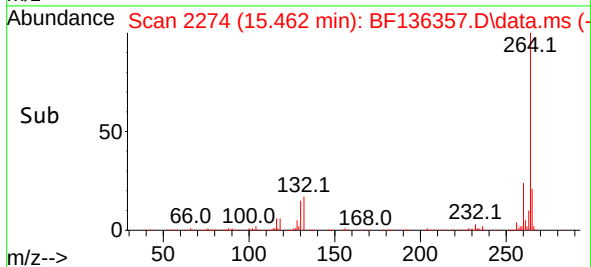
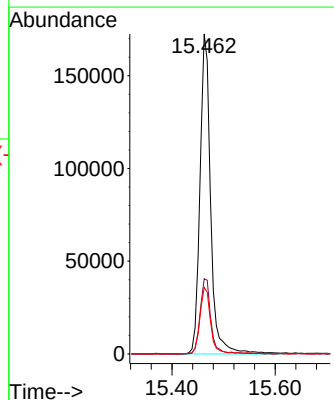
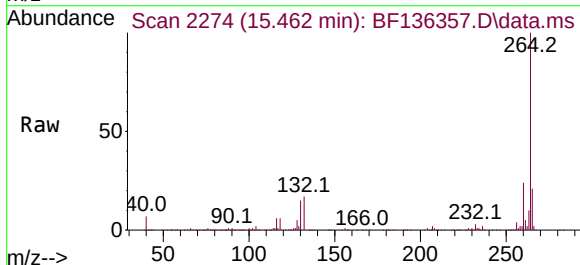
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-3-E2

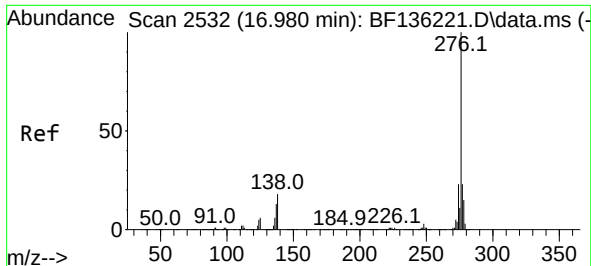
Tgt Ion:149 Resp: 540
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 49.4 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF136357.D
Acq: 02 Dec 2023 02:54

Tgt Ion:264 Resp: 247028
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 20.8 15.7 23.5

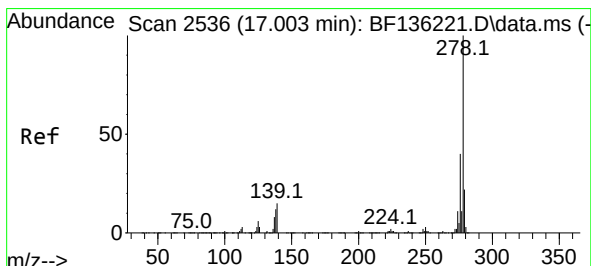
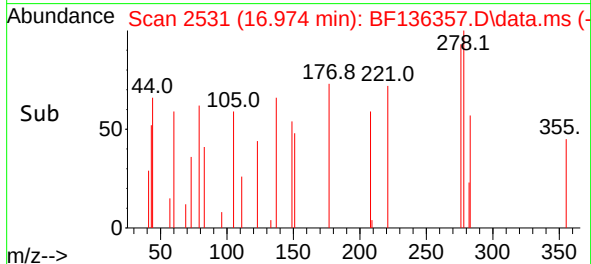
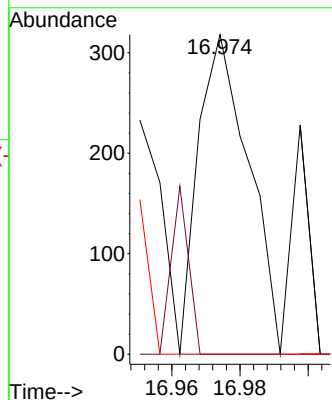
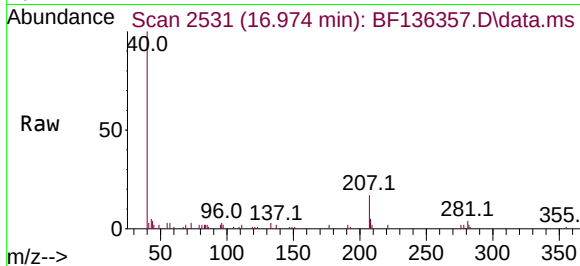




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.696 ng
 RT: 16.974 min Scan# 2531
 Delta R.T. -0.006 min
 Lab File: BF136357.D
 Acq: 02 Dec 2023 02:54

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-SP-3-E2

Tgt Ion:276 Resp: 327
 Ion Ratio Lower Upper
 276 100
 138 18.0 17.7 26.5
 277 0.0 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.758 ng
 RT: 16.974 min Scan# 2531
 Delta R.T. -0.029 min
 Lab File: BF136357.D
 Acq: 02 Dec 2023 02:54

Tgt Ion:278 Resp: 699
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.7 17.5#
 279 0.0 17.8 26.8#

