

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136356.D
 Acq On : 02 Dec 2023 02:20
 Operator : CG\JU
 Sample : 05489-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-SP-2

Quant Time: Dec 02 03:30:53 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)

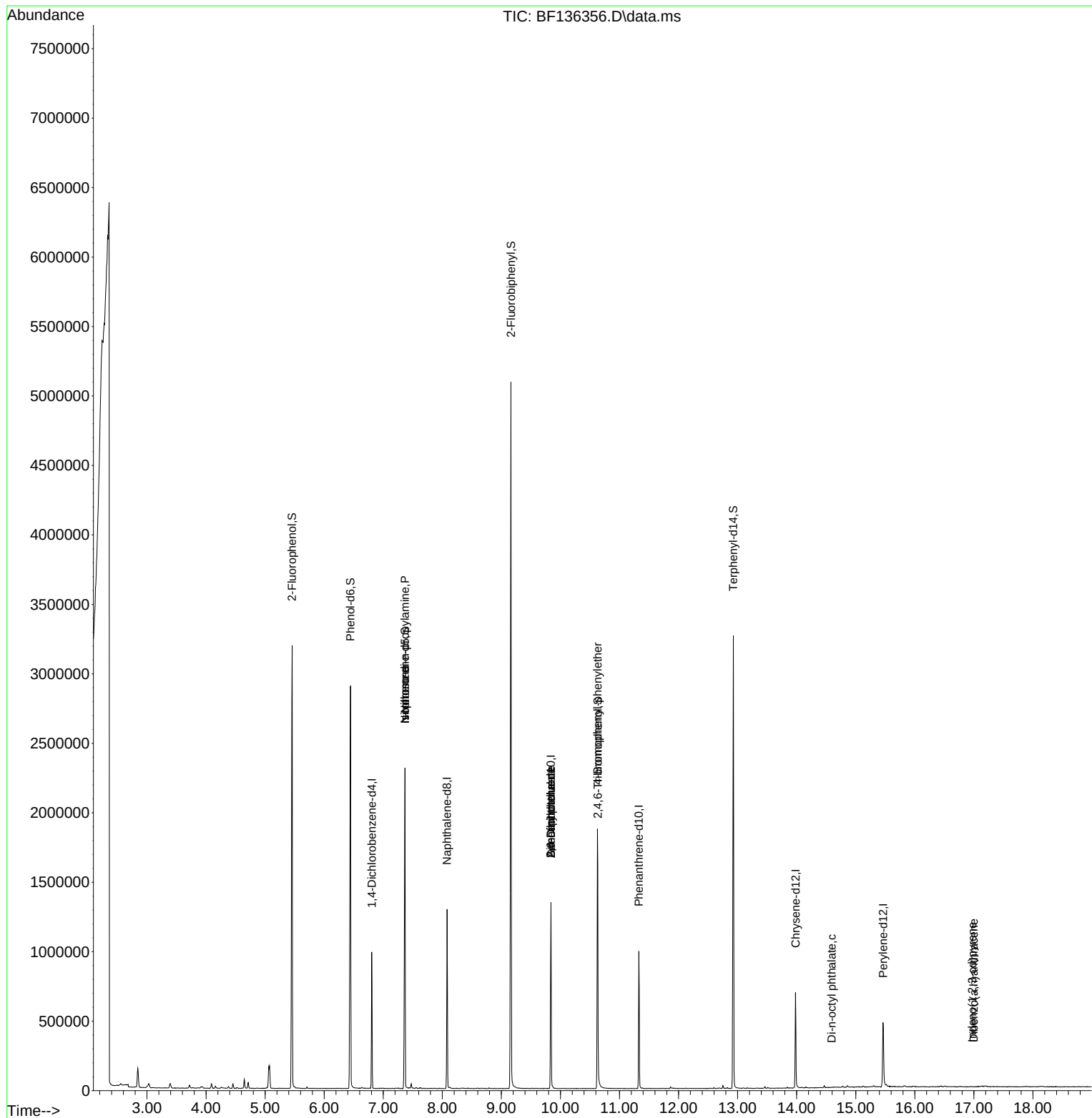
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	132267	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	534785	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	256405	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	358771	20.000	ng	0.00
76) Chrysene-d12	13.980	240	228826	20.000	ng	-0.01
86) Perylene-d12	15.462	264	246314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	939174	98.830	ng	0.02
7) Phenol-d6	6.445	99	1077927	90.718	ng	0.00
23) Nitrobenzene-d5	7.369	82	763519	75.445	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	263910	84.188	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1546649	77.048	ng	0.00
79) Terphenyl-d14	12.927	244	1139858	57.459	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	100320	14.117	ng	# 74
25) Isophorone	7.369	82	763513	41.840	ng	# 68
50) Dimethylphthalate	9.839	163	52780	2.723	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	32032	8.091	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	32032	6.057	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	15552	3.716	ng	# 1
85) Di-n-octyl phthalate	14.592	149	389	5.185	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.974	276	130	2.686	ng	# 53
91) Dibenzo(a,h)anthracene	16.998	278	136	2.722	ng	# 2

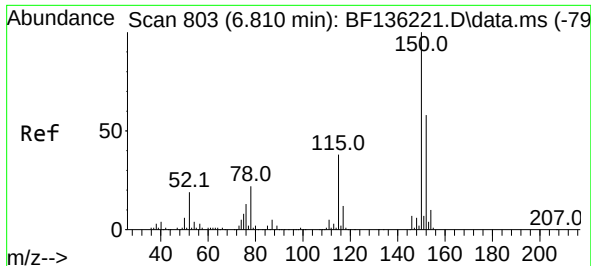
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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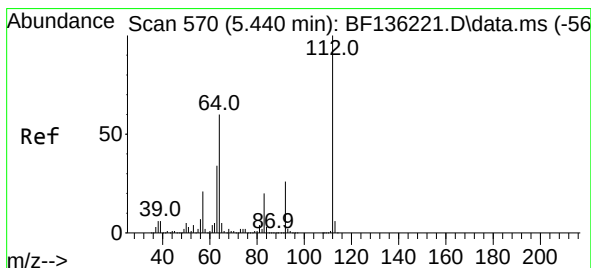
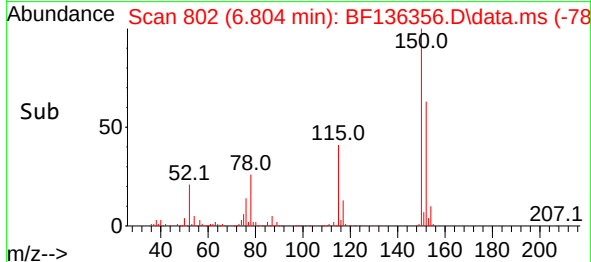
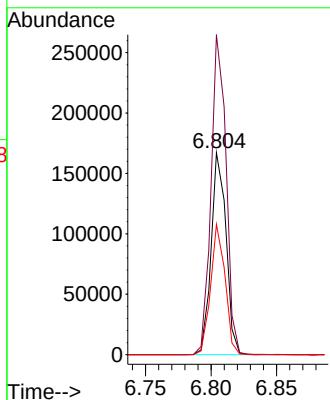
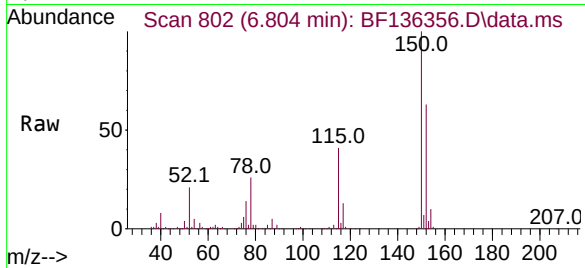




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

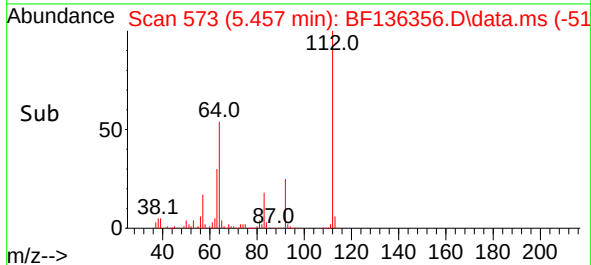
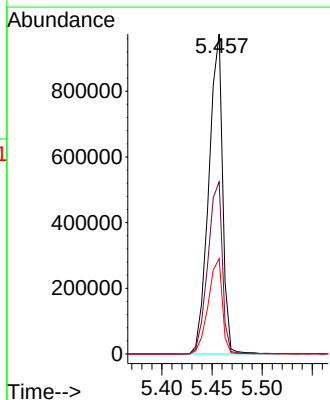
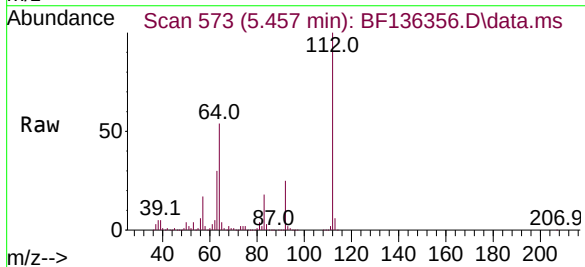
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-2

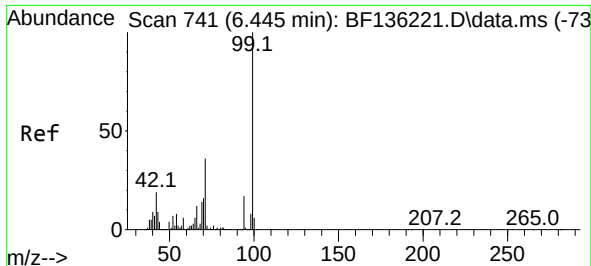
Tgt Ion:152 Resp: 132267
Ion Ratio Lower Upper
152 100
150 158.5 137.8 206.8
115 64.6 52.7 79.1



#5
2-Fluorophenol
Concen: 98.830 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

Tgt Ion:112 Resp: 939174
Ion Ratio Lower Upper
112 100
64 53.8 48.2 72.4
63 29.8 27.0 40.6

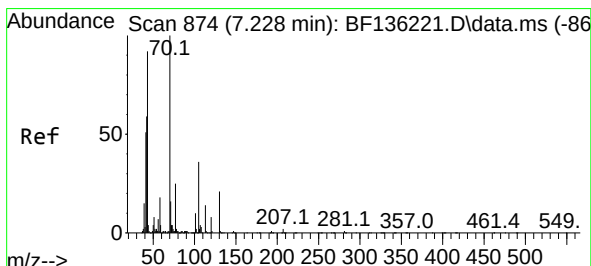
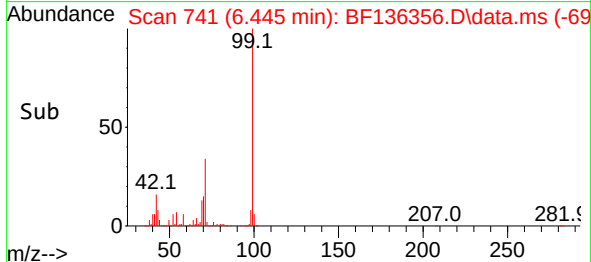
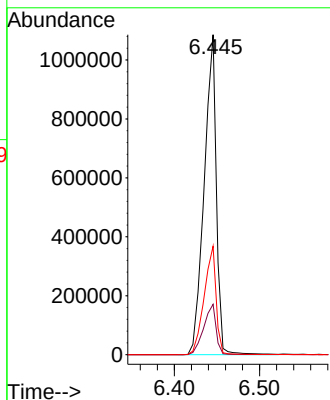
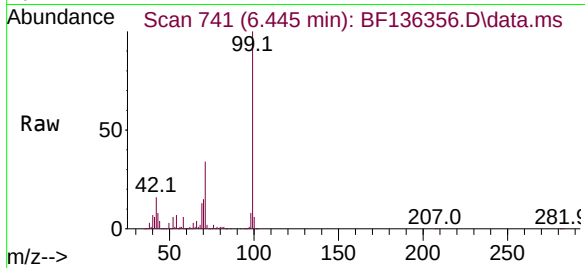




#7
Phenol-d6
Concen: 90.718 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

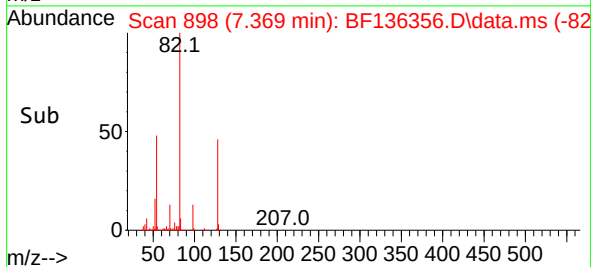
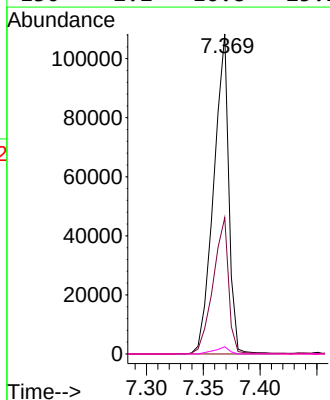
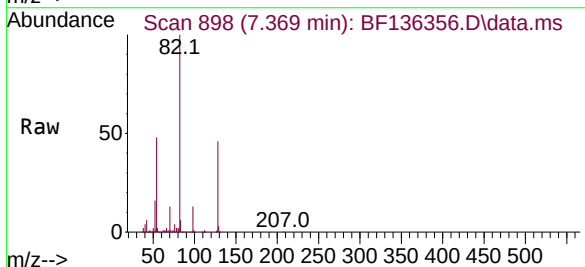
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-2

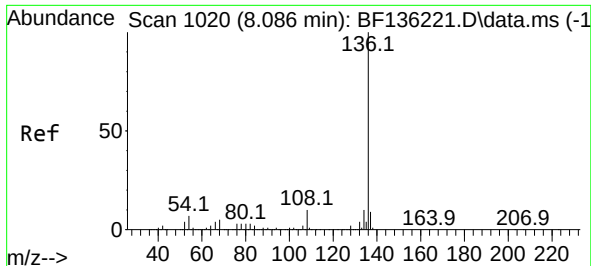
Tgt Ion: 99 Resp: 1077927
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.6
71 33.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.117 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

Tgt Ion: 70 Resp: 100320
Ion Ratio Lower Upper
70 100
42 42.6 47.0 70.4#
101 0.0 7.8 11.8#
130 2.2 16.8 25.2#

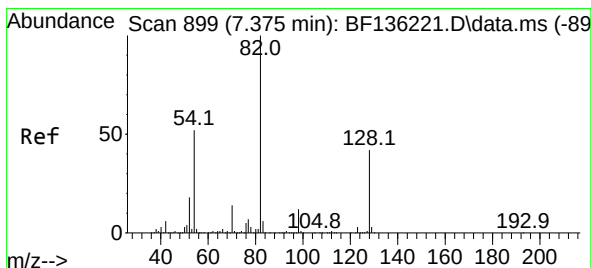
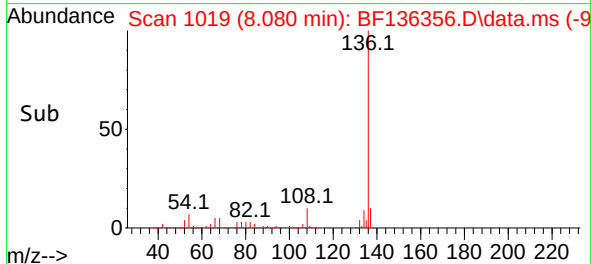
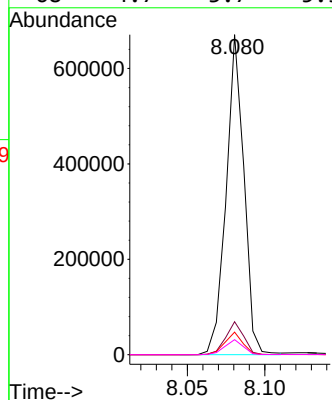
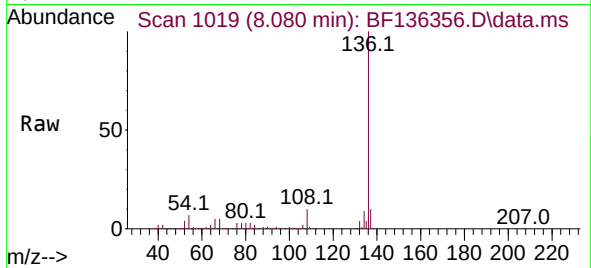




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

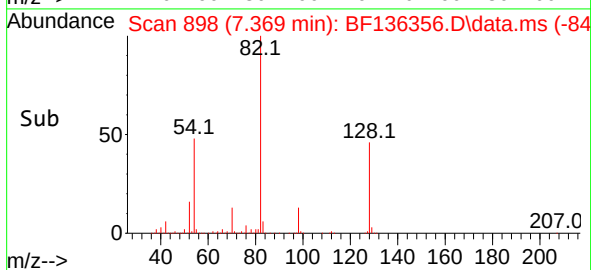
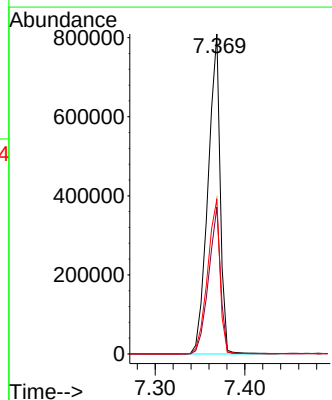
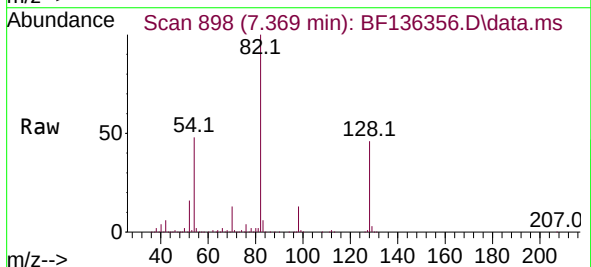
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-2

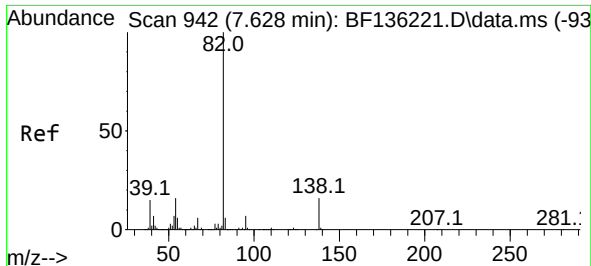
Tgt Ion:136 Resp: 534785
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.2
54 7.0 5.5 8.3
68 4.7 3.7 5.5



#23
Nitrobenzene-d5
Concen: 75.445 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

Tgt Ion: 82 Resp: 763519
Ion Ratio Lower Upper
82 100
128 45.9 33.4 50.2
54 48.3 41.7 62.5

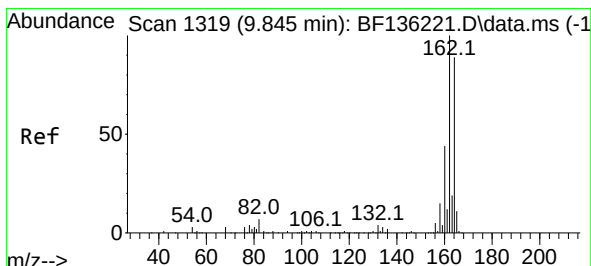
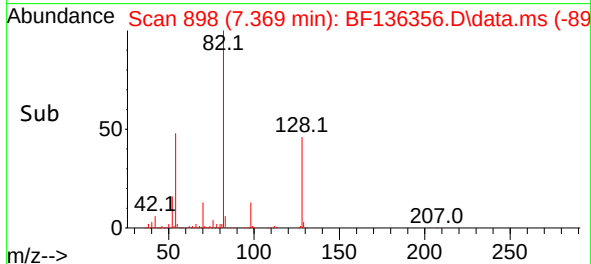
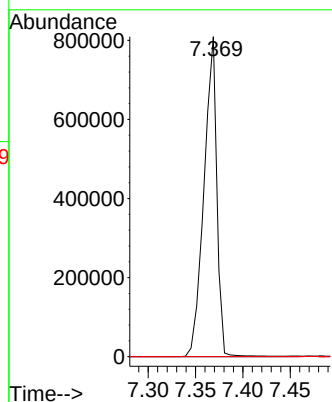
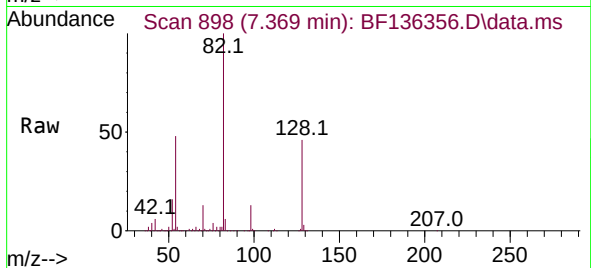




#25
Isophorone
Concen: 41.840 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

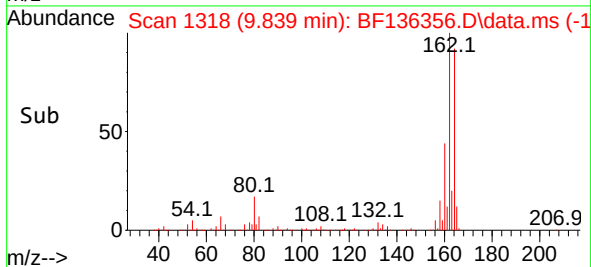
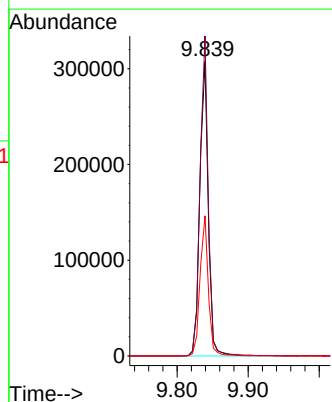
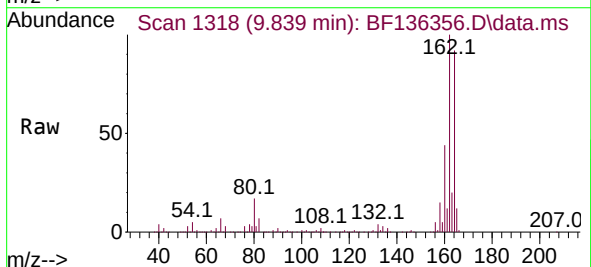
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-2

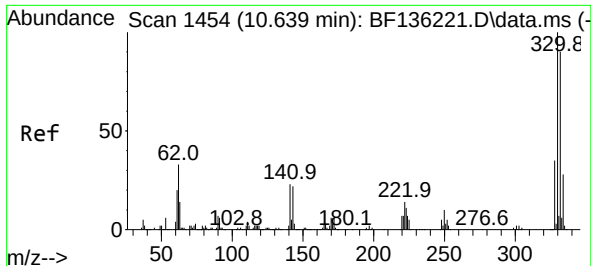
Tgt Ion: 82 Resp: 763513
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

Tgt Ion: 164 Resp: 256405
Ion Ratio Lower Upper
164 100
162 108.6 89.5 134.3
160 47.6 39.6 59.4

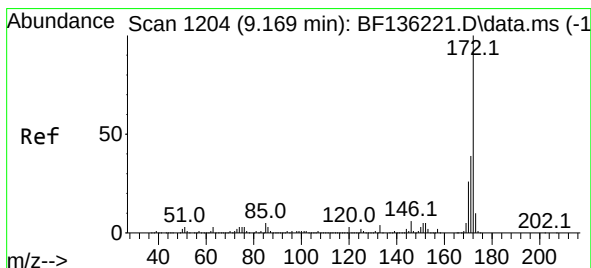
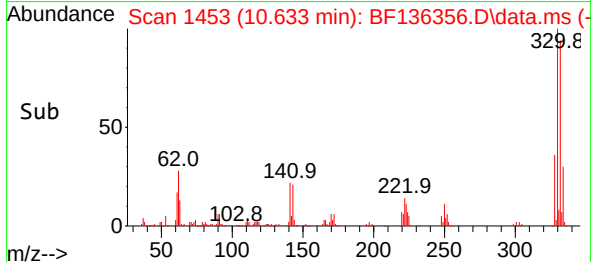
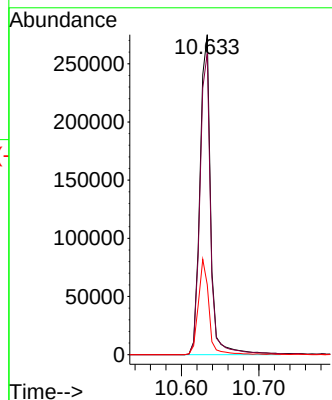
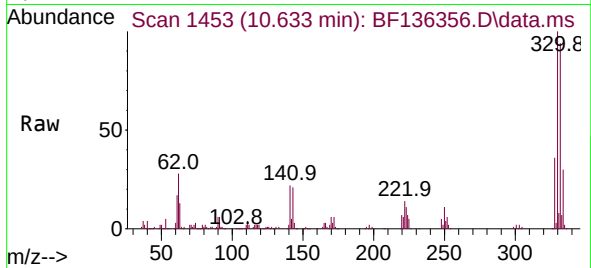




#42
2,4,6-Tribromophenol
Concen: 84.188 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

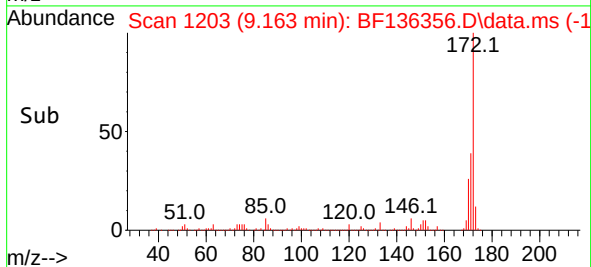
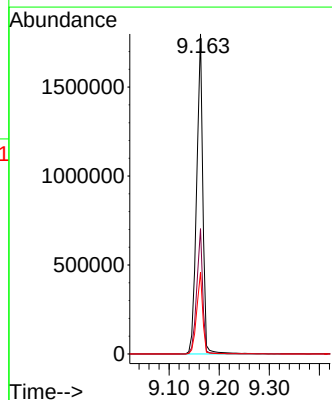
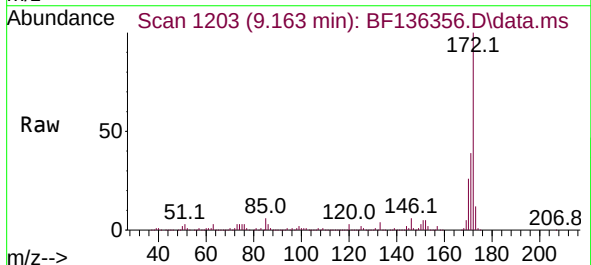
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-2

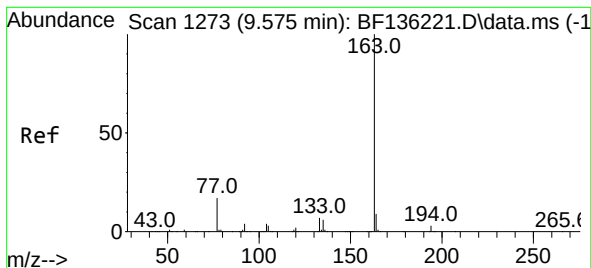
Tgt Ion:330 Resp: 263910
Ion Ratio Lower Upper
330 100
332 94.6 73.0 109.6
141 29.4 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 77.048 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

Tgt Ion:172 Resp: 1546649
Ion Ratio Lower Upper
172 100
171 39.2 31.5 47.3
170 25.6 20.8 31.2





#50

Dimethylphthalate

Concen: 2.723 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.265 min

Lab File: BF136356.D

Acq: 02 Dec 2023 02:20

Instrument :

BNA_F

ClientSampleId :

TRACKS-SP-2

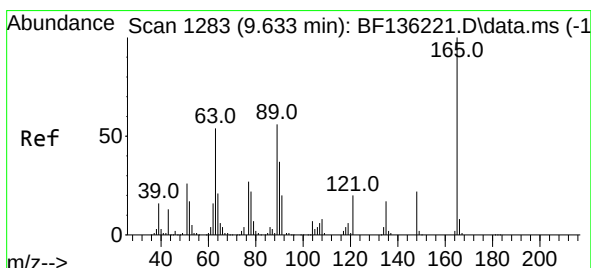
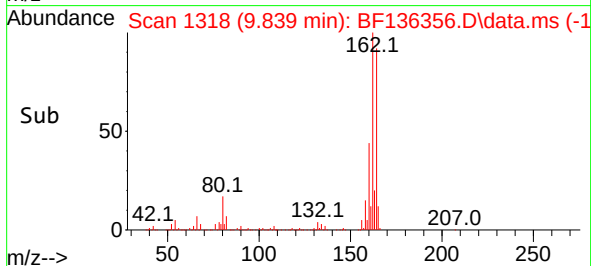
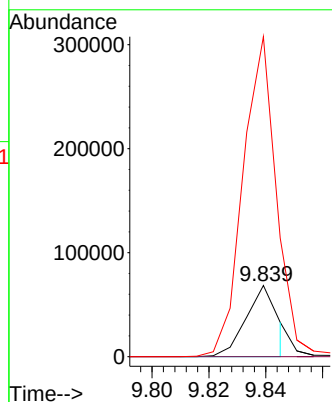
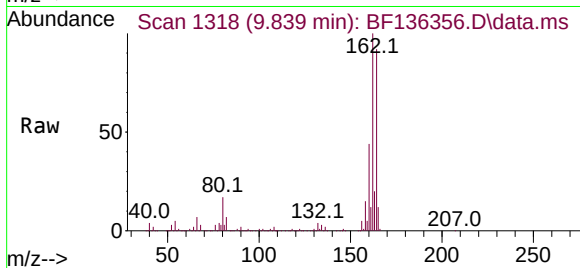
Tgt Ion:163 Resp: 52780

Ion Ratio Lower Upper

163 100

194 0.0 2.5 3.7#

164 449.3 7.0 10.6#



#51

2,6-Dinitrotoluene

Concen: 8.091 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.206 min

Lab File: BF136356.D

Acq: 02 Dec 2023 02:20

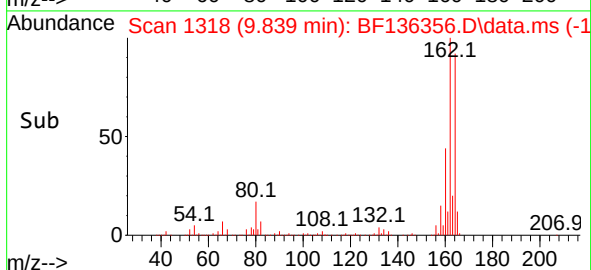
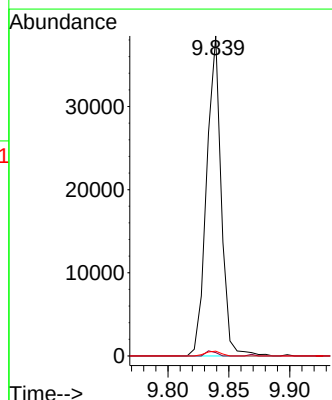
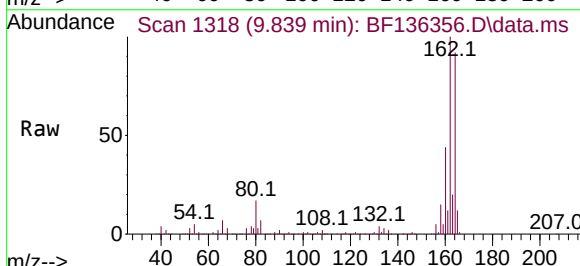
Tgt Ion:165 Resp: 32032

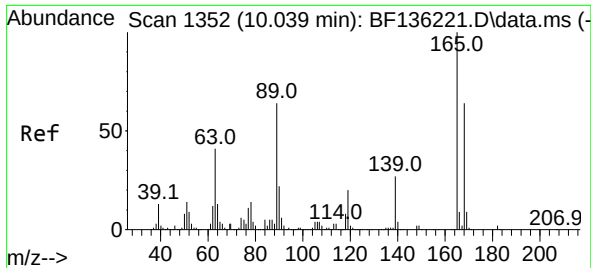
Ion Ratio Lower Upper

165 100

63 1.0 46.2 69.2#

89 1.5 44.9 67.3#

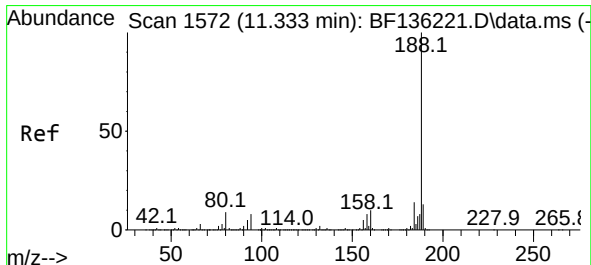
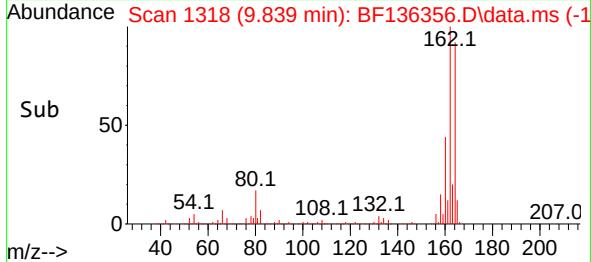
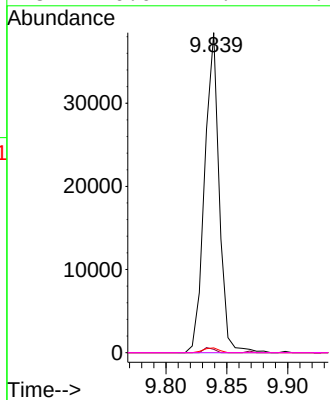
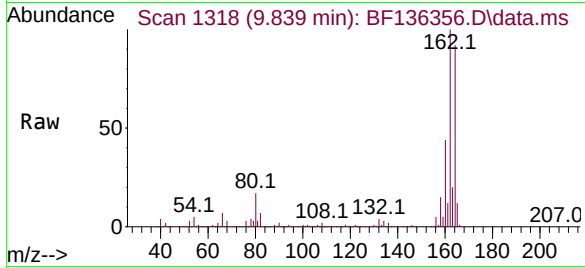




#57
2,4-Dinitrotoluene
Concen: 6.057 ng
RT: 9.839 min Scan# 111
Delta R.T. -0.200 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

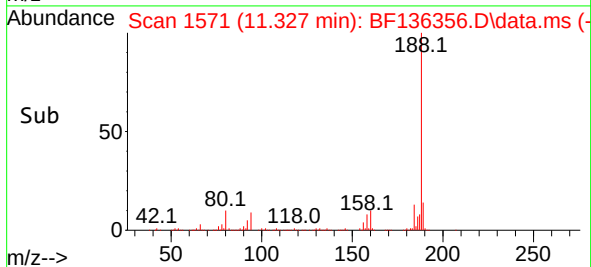
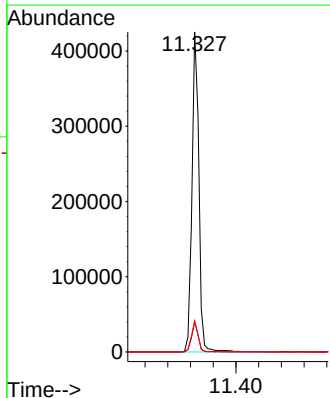
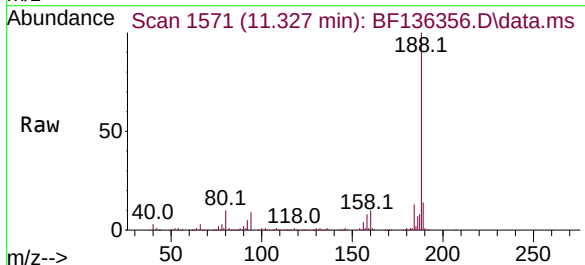
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-2

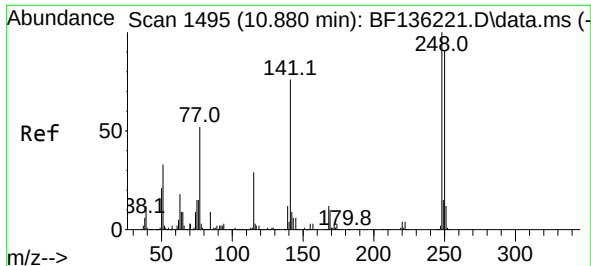
Tgt Ion:165 Resp: 32032
Ion Ratio Lower Upper
165 100
63 1.0 33.0 49.4#
89 1.5 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

Tgt Ion:188 Resp: 358771
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.8 7.2 10.8

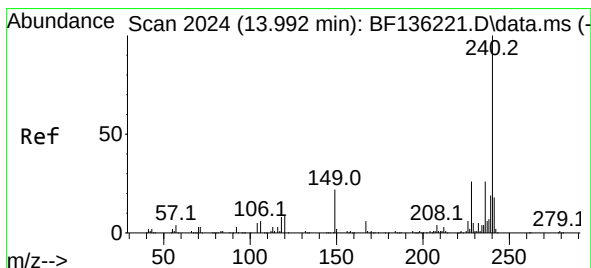
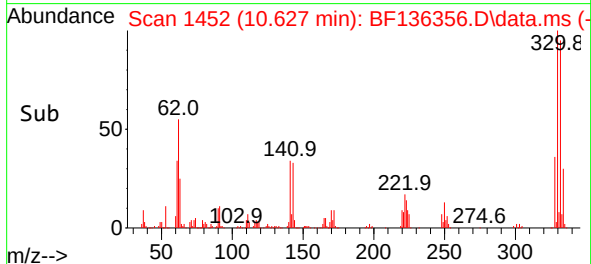
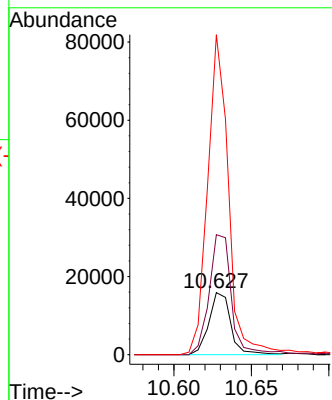
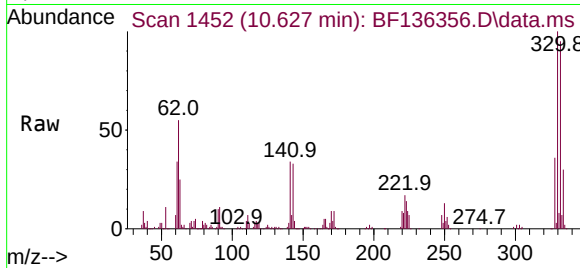




#67
4-Bromophenyl-phenylether
Concen: 3.716 ng
RT: 10.627 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

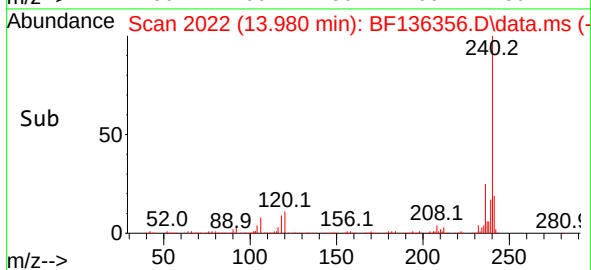
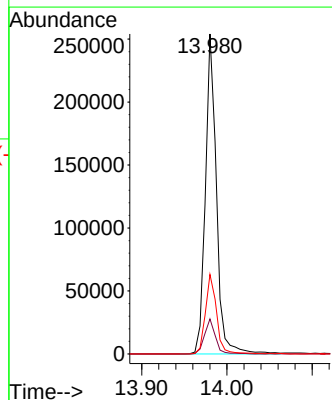
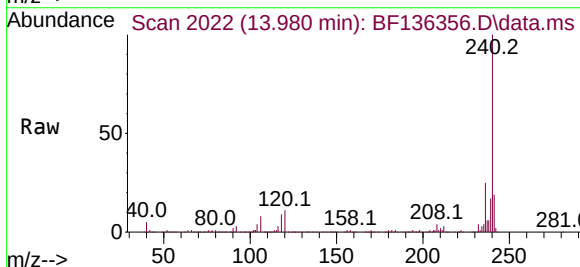
Instrument :
BNA_F
ClientSampleId :
TRACKS-SP-2

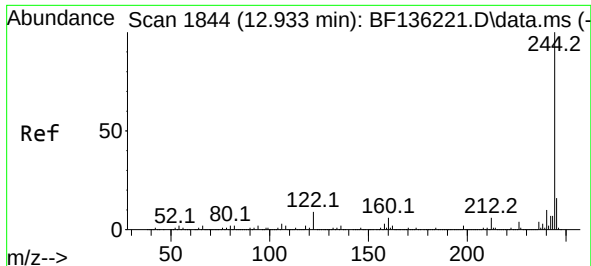
Tgt Ion:248 Resp: 15552
Ion Ratio Lower Upper
248 100
250 193.4 72.5 108.7#
141 515.9 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136356.D
Acq: 02 Dec 2023 02:20

Tgt Ion:240 Resp: 228826
Ion Ratio Lower Upper
240 100
120 11.0 7.4 11.2
236 24.8 21.1 31.7

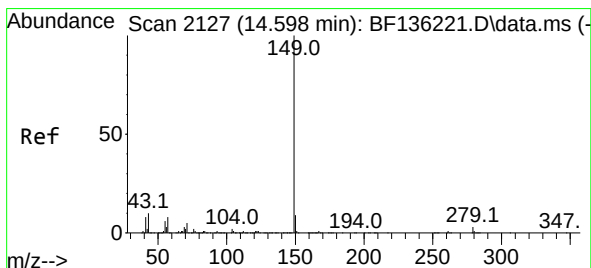
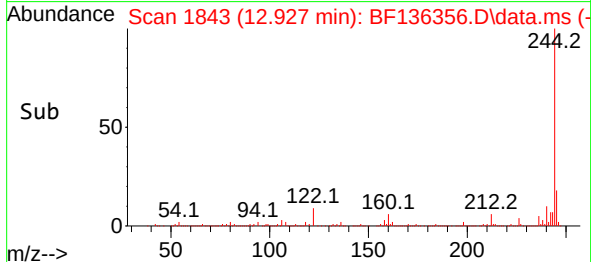
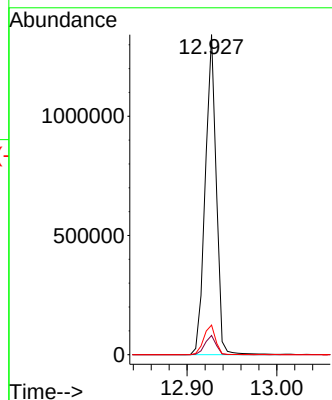
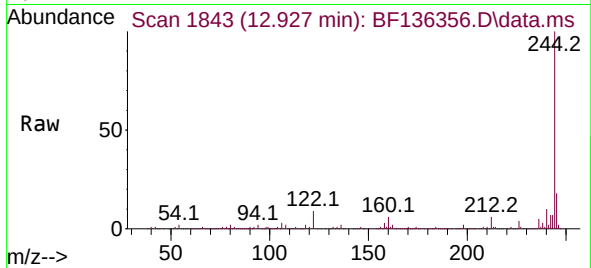




#79
 Terphenyl-d14
 Concen: 57.459 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136356.D
 Acq: 02 Dec 2023 02:20

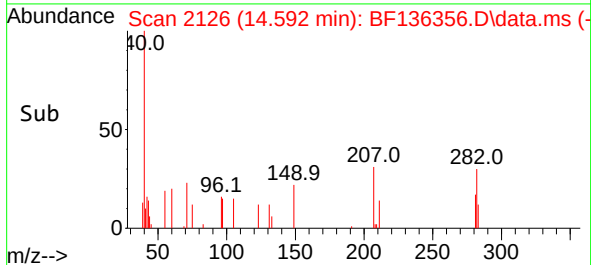
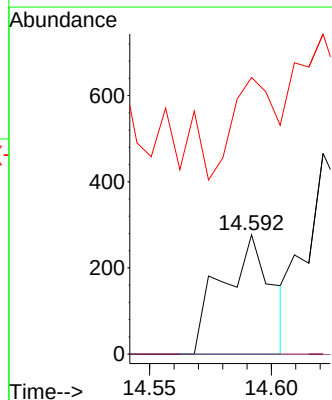
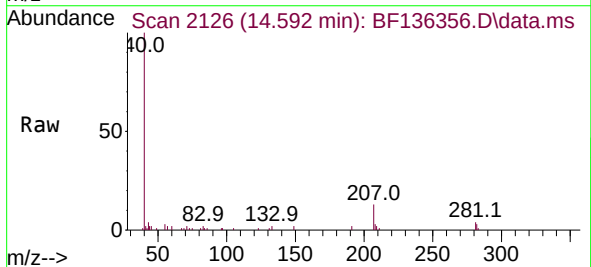
Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-SP-2

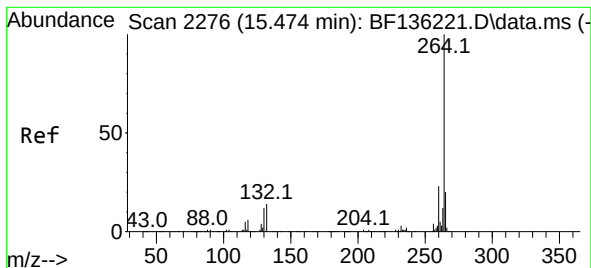
Tgt Ion:244 Resp: 1139858
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.3 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.185 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BF136356.D
 Acq: 02 Dec 2023 02:20

Tgt Ion:149 Resp: 389
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 73.5 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136356.D

Acq: 02 Dec 2023 02:20

Instrument :

BNA_F

ClientSampleId :

TRACKS-SP-2

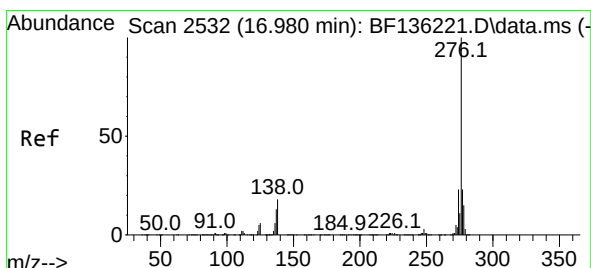
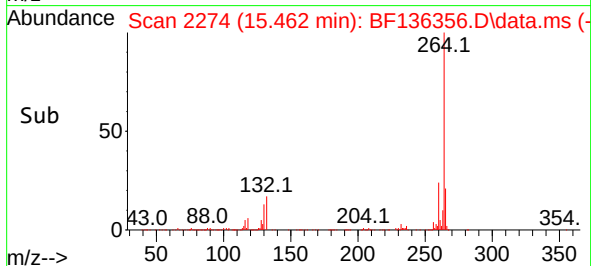
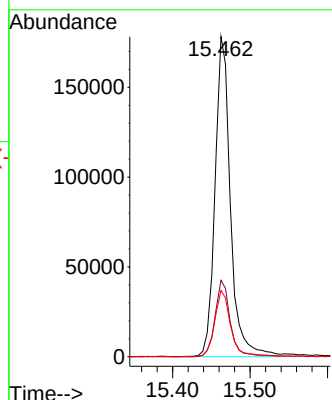
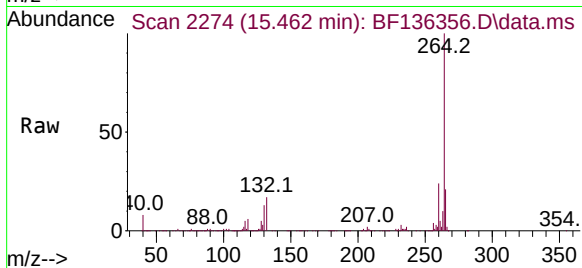
Tgt Ion:264 Resp: 246314

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 20.7 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.686 ng

RT: 16.974 min Scan# 2531

Delta R.T. -0.006 min

Lab File: BF136356.D

Acq: 02 Dec 2023 02:20

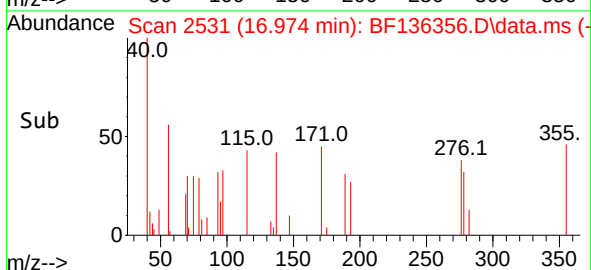
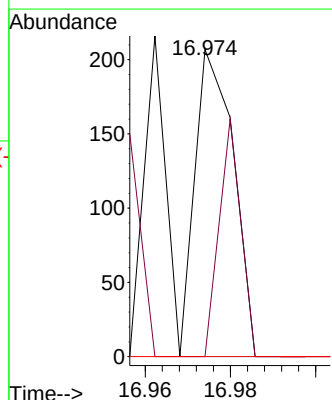
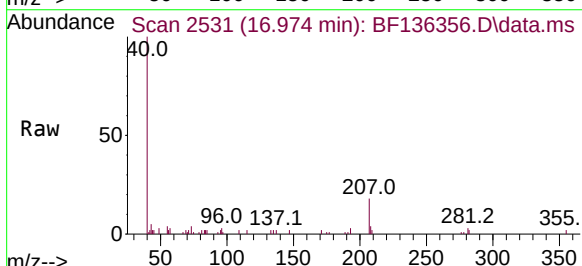
Tgt Ion:276 Resp: 130

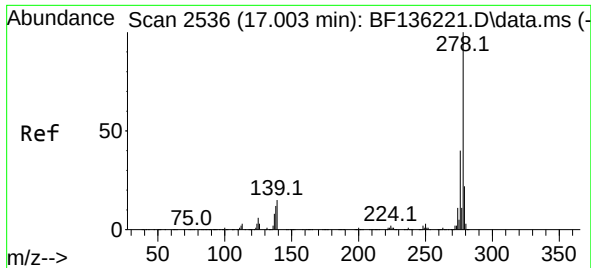
Ion Ratio Lower Upper

276 100

138 43.1 17.7 26.5#

277 0.0 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 2.722 ng
 RT: 16.998 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BF136356.D
 Acq: 02 Dec 2023 02:20

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-SP-2

Tgt Ion:	278	Resp:	136
Ion	Ratio	Lower	Upper
278	100		
139	87.4	11.7	17.5#
279	0.0	17.8	26.8#

