

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136295.D
 Acq On : 29 Nov 2023 21:23
 Operator : CG\JU
 Sample : 05550-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A591

Quant Time: Nov 29 23:50:27 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)

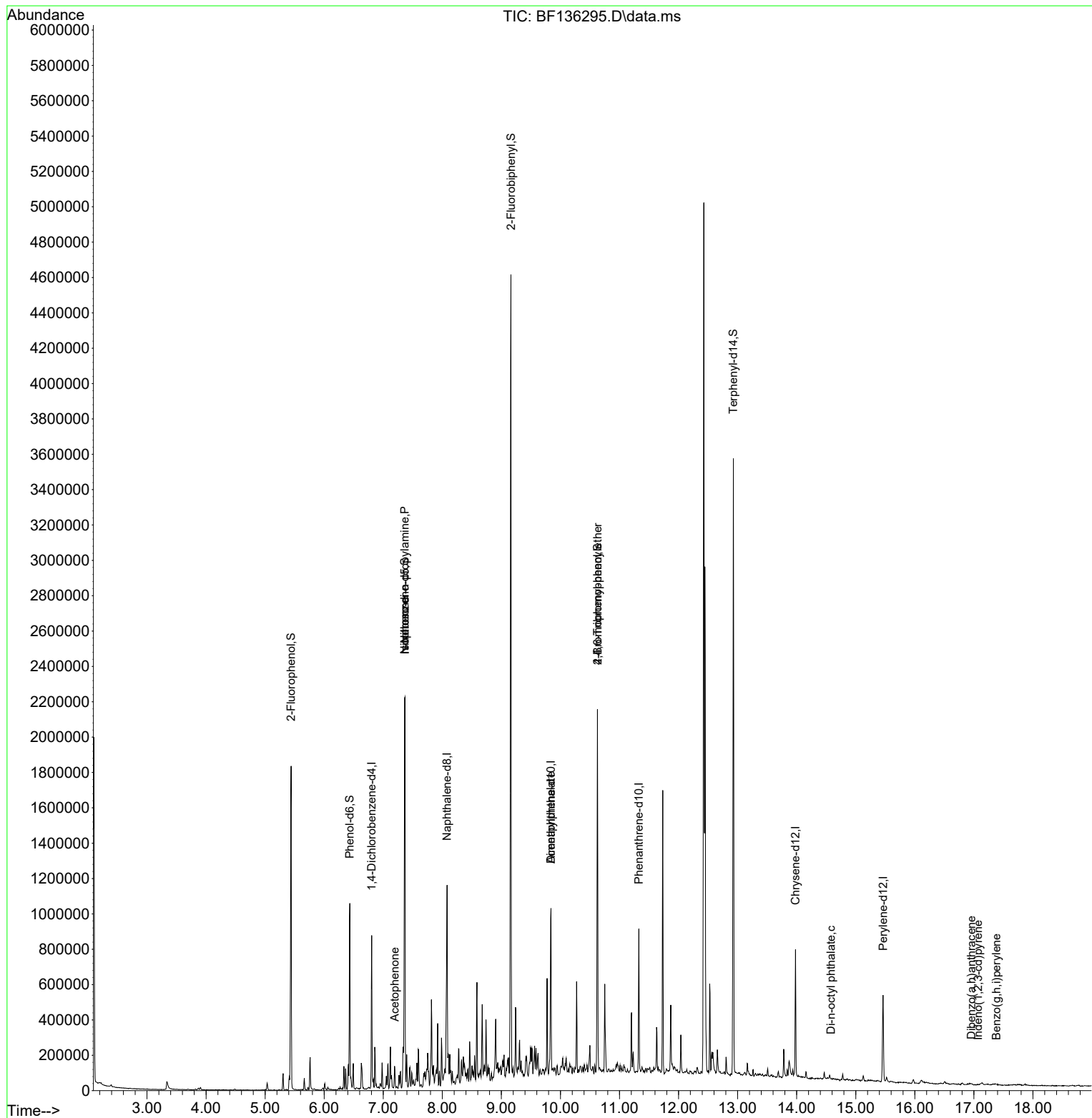
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	113655	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	434220	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	181662	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	264656	20.000	ng	0.00
76) Chrysene-d12	13.980	240	223307	20.000	ng	-0.01
86) Perylene-d12	15.462	264	230800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	484284	59.307	ng	0.00
7) Phenol-d6	6.434	99	344656	33.756	ng	-0.01
23) Nitrobenzene-d5	7.363	82	795498	96.810	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	253325	114.061	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1415573	99.532	ng	0.00
79) Terphenyl-d14	12.927	244	1222143	63.130	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	104049	17.039	ng	# 75
22) Acetophenone	7.192	105	31632	2.774	ng	# 55
25) Isophorone	7.363	82	790245	53.335	ng	# 68
50) Dimethylphthalate	9.839	163	40324	2.937	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	14255	4.617	ng	# 1
85) Di-n-octyl phthalate	14.580	149	1006	5.223	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.068	276	267	2.694	ng	95
91) Dibenzo(a,h)anthracene	16.956	278	6282	3.141	ng	98
92) Benzo(g,h,i)perylene	17.380	276	4481	2.210	ng	# 88

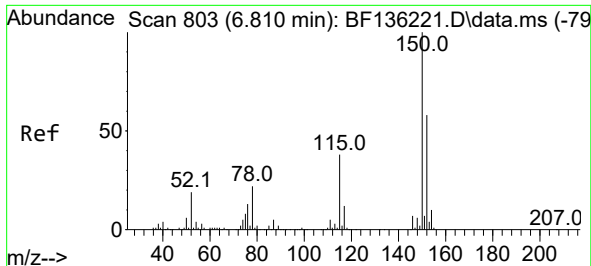
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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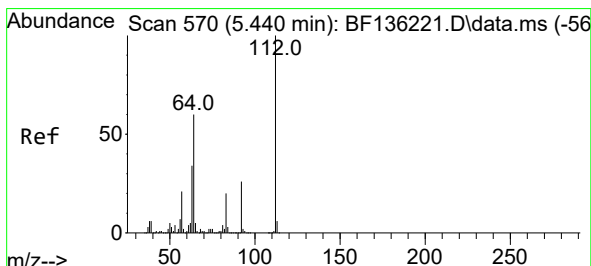
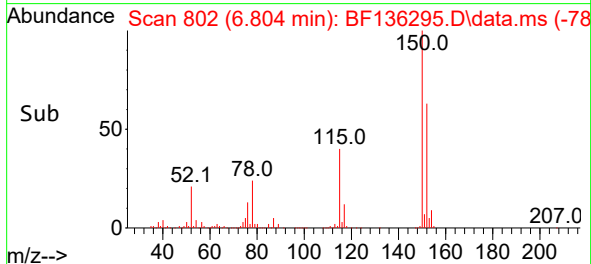
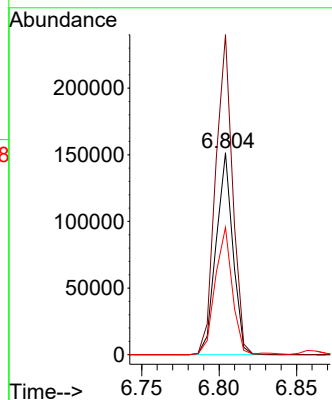
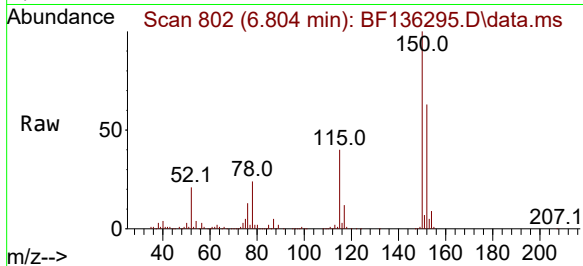




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

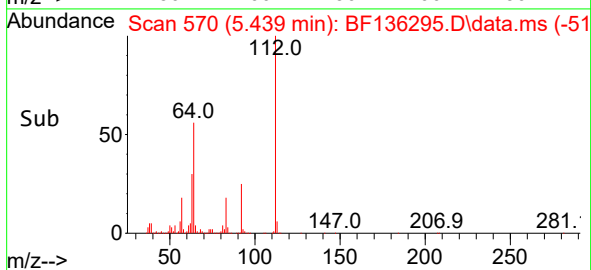
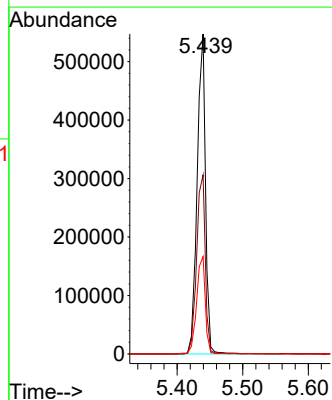
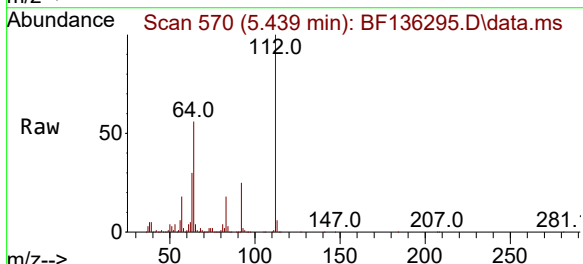
Instrument :
BNA_F
ClientSampleId :
A591

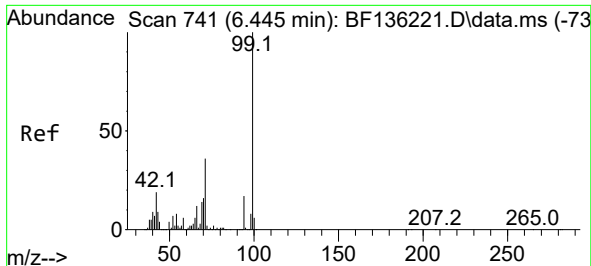
Tgt Ion:152 Resp: 113655
Ion Ratio Lower Upper
152 100
150 158.4 137.8 206.8
115 63.0 52.7 79.1



#5
2-Fluorophenol
Concen: 59.307 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

Tgt Ion:112 Resp: 484284
Ion Ratio Lower Upper
112 100
64 55.9 48.2 72.4
63 30.4 27.0 40.6

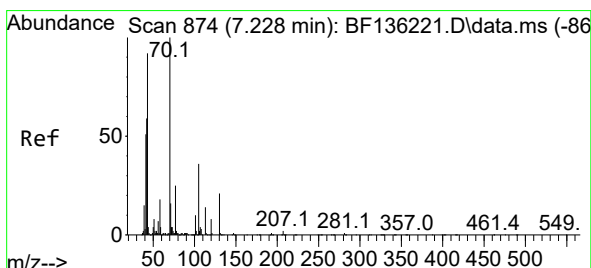
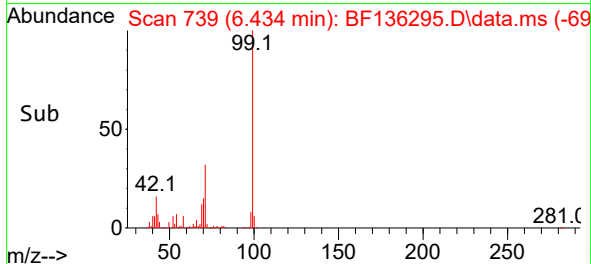
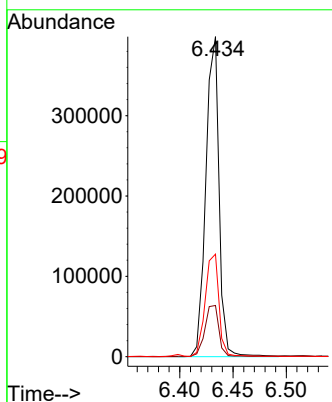
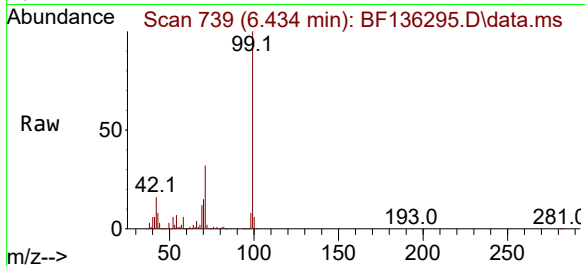




#7
Phenol-d6
Concen: 33.756 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

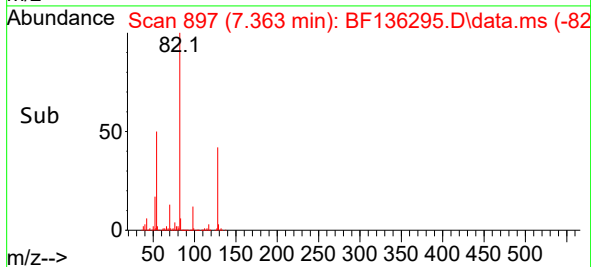
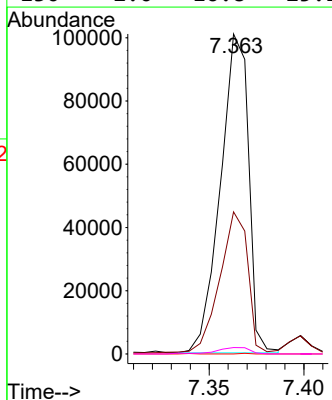
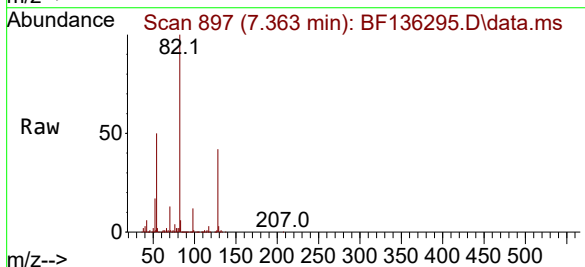
Instrument :
BNA_F
ClientSampleId :
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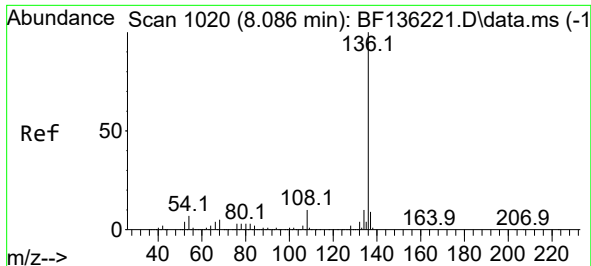
Tgt Ion: 99 Resp: 344656
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.6
71 32.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.039 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

Tgt Ion: 70 Resp: 104049
Ion Ratio Lower Upper
70 100
42 44.4 47.0 70.4#
101 0.0 7.8 11.8#
130 2.0 16.8 25.2#

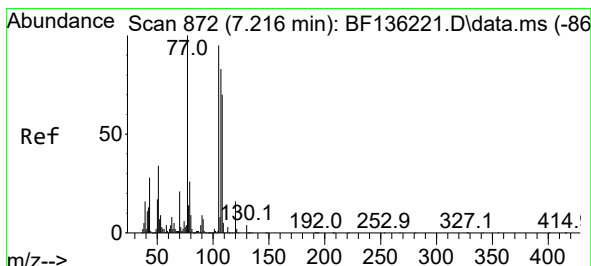
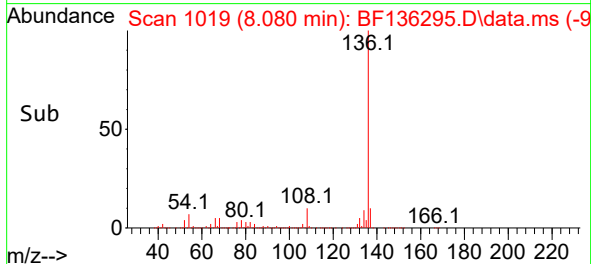
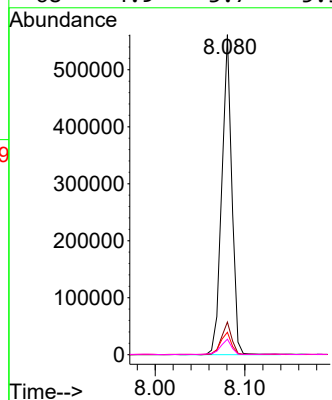
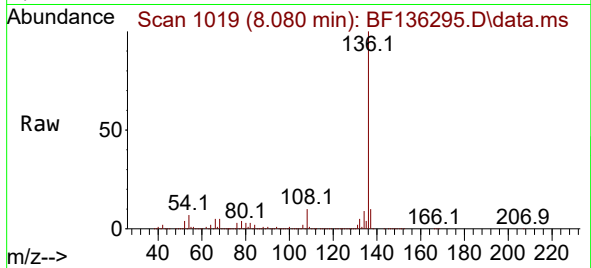




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

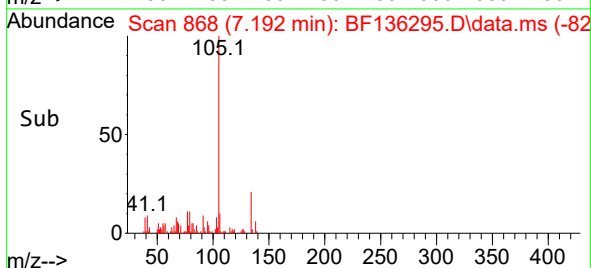
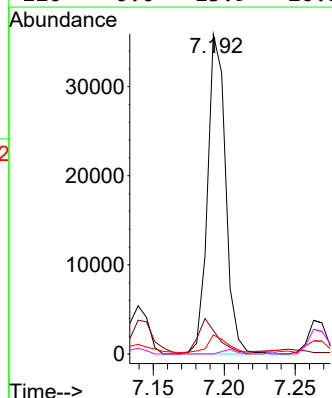
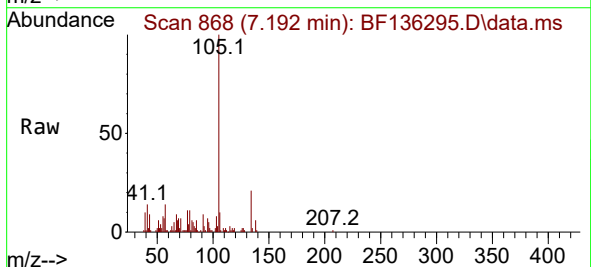
Instrument :
BNA_F
ClientSampleId :
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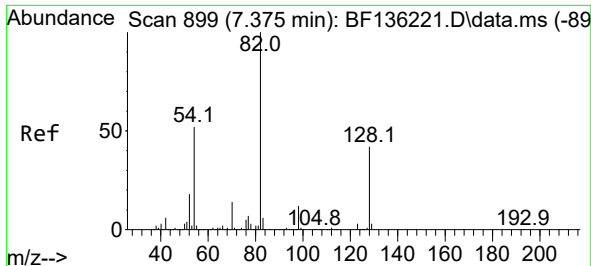
Tgt Ion:136 Resp: 434220
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 7.0 5.5 8.3
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 2.774 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.024 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

Tgt Ion:105 Resp: 31632
Ion Ratio Lower Upper
105 100
71 7.3 2.8 4.2#
51 5.9 29.0 43.6#
120 0.0 13.9 20.9#





#23

Nitrobenzene-d5

Concen: 96.810 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

Instrument :

BNA_F

ClientSampleId :

A591

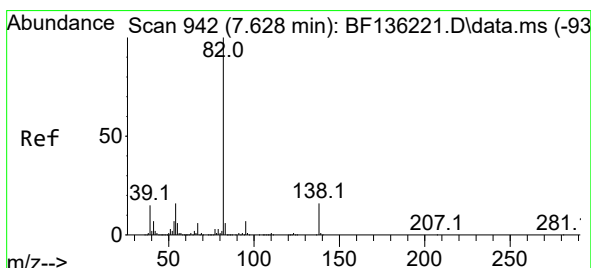
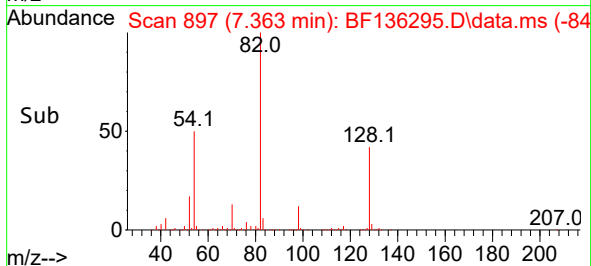
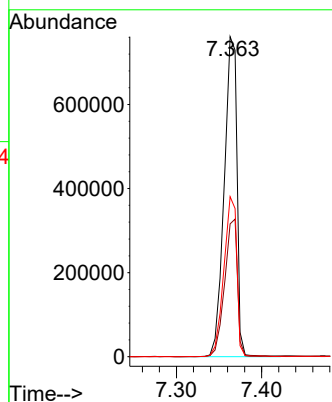
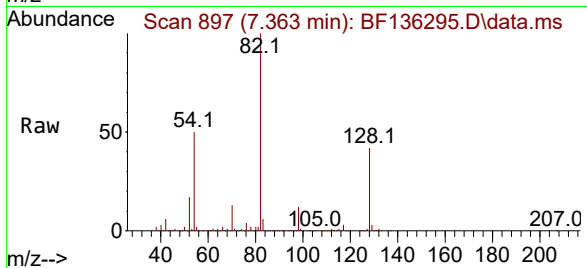
Tgt Ion: 82 Resp: 795498

Ion Ratio Lower Upper

82 100

128 41.5 33.4 50.2

54 50.0 41.7 62.5



#25

Isophorone

Concen: 53.335 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.265 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

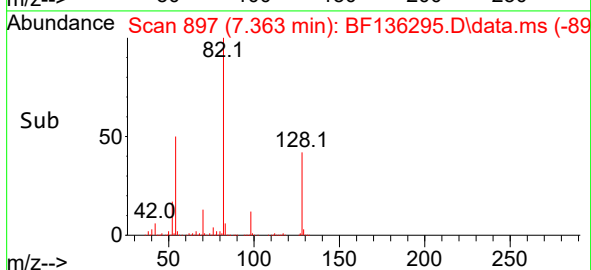
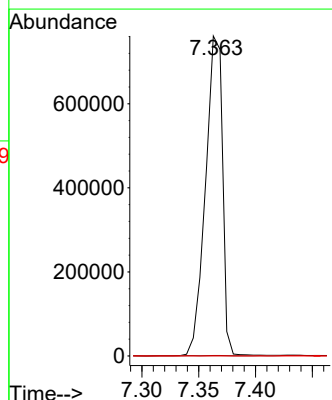
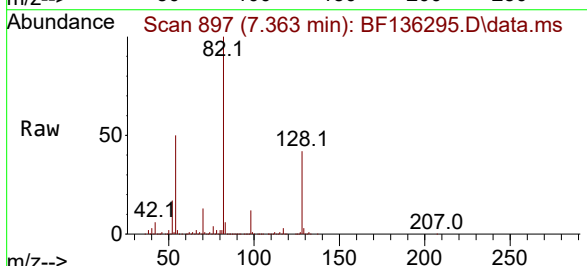
Tgt Ion: 82 Resp: 790245

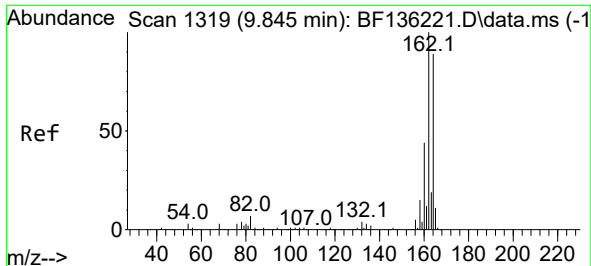
Ion Ratio Lower Upper

82 100

95 0.2 5.5 8.3#

138 0.0 12.8 19.2#

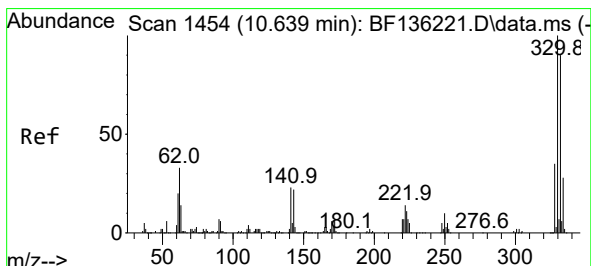
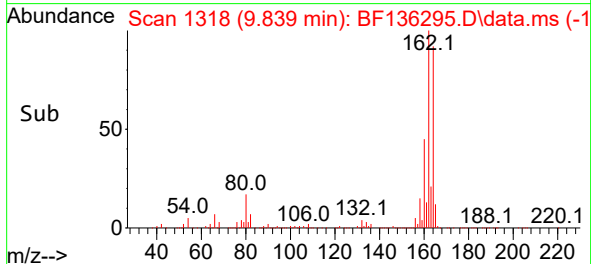
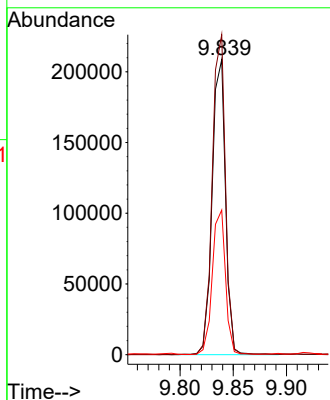
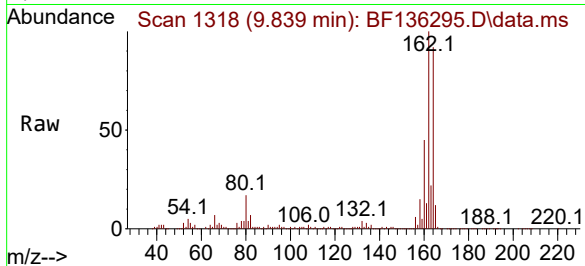




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

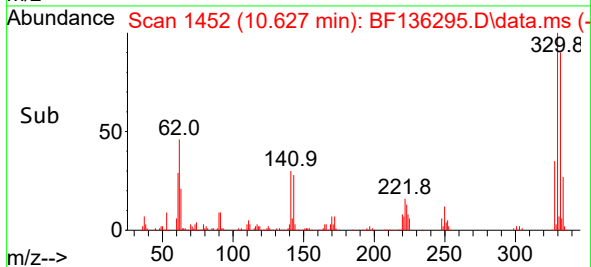
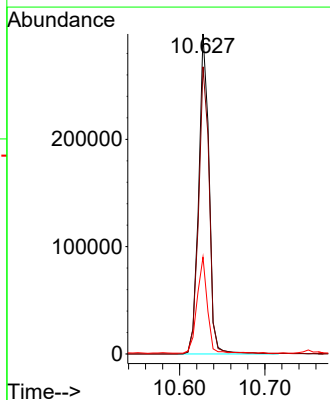
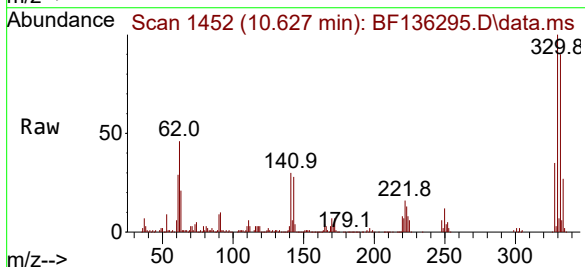
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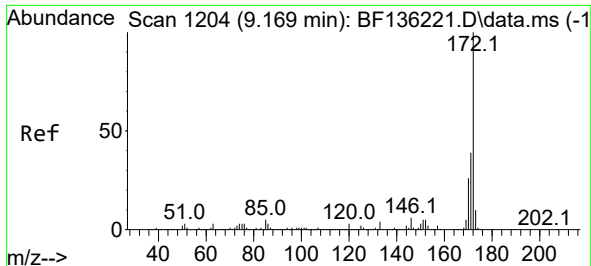
Tgt Ion:164 Resp: 181662
Ion Ratio Lower Upper
164 100
162 108.5 89.5 134.3
160 49.0 39.6 59.4



#42
2,4,6-Tribromophenol
Concen: 114.061 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

Tgt Ion:330 Resp: 253325
Ion Ratio Lower Upper
330 100
332 92.2 73.0 109.6
141 30.0 24.2 36.2

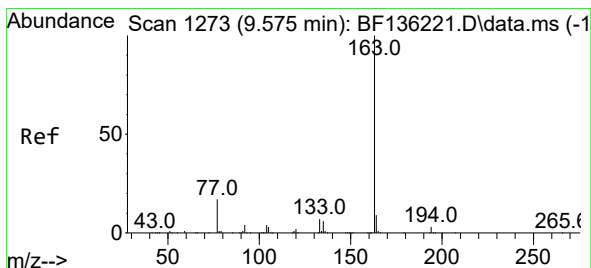
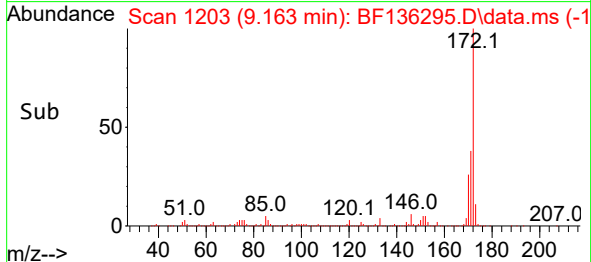
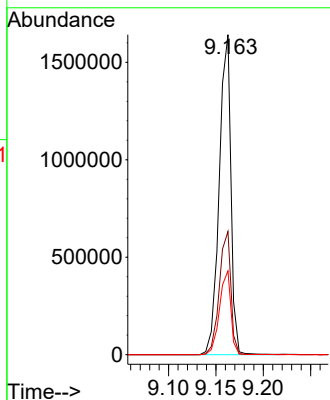
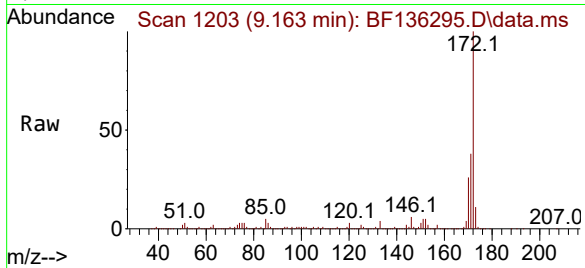




#45
2-Fluorobiphenyl
Concen: 99.532 ng
RT: 9.163 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

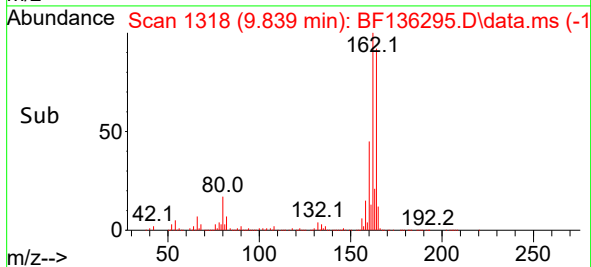
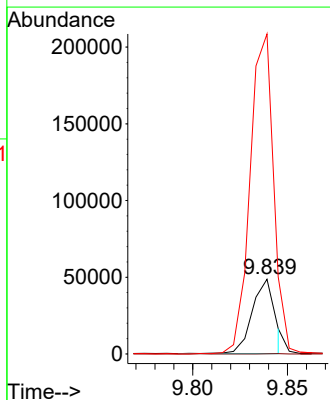
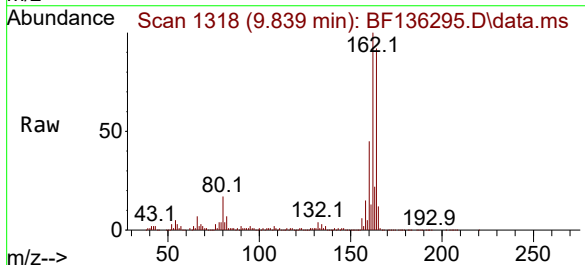
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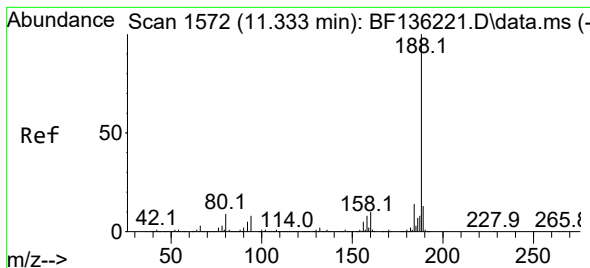
Tgt Ion:172 Resp: 1415573
Ion Ratio Lower Upper
172 100
171 38.5 31.5 47.3
170 26.2 20.8 31.2



#50
Dimethylphthalate
Concen: 2.937 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

Tgt Ion:163 Resp: 40324
Ion Ratio Lower Upper
163 100
194 0.3 2.5 3.7#
164 428.0 7.0 10.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

Instrument :

BNA_F

ClientSampleId :

A591

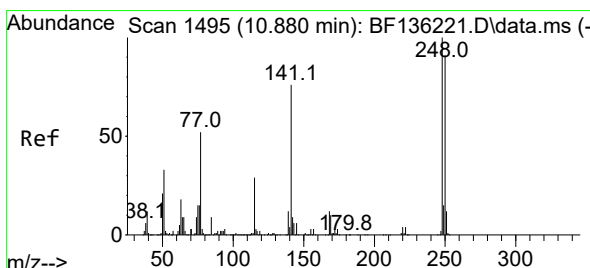
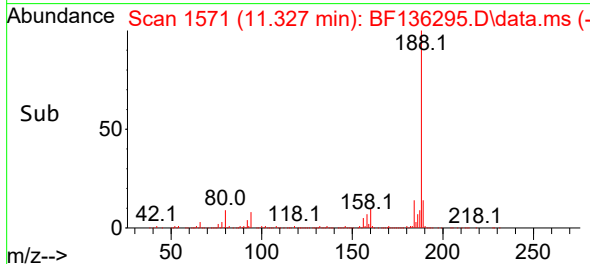
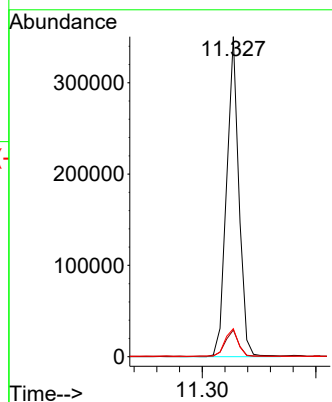
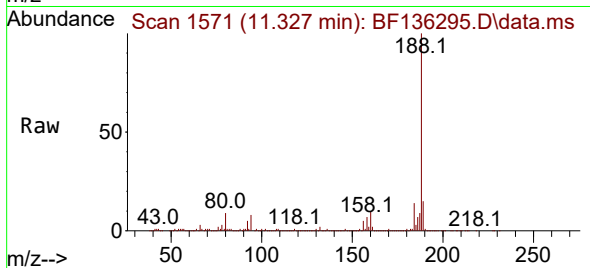
Tgt Ion:188 Resp: 264656

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.7 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.617 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.253 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

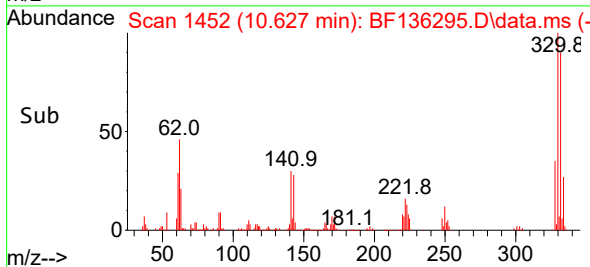
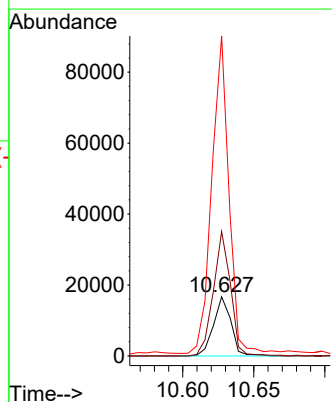
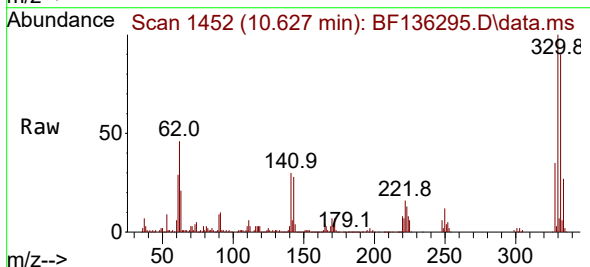
Tgt Ion:248 Resp: 14255

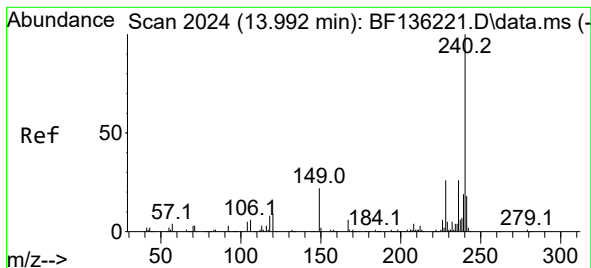
Ion Ratio Lower Upper

248 100

250 210.1 72.5 108.7#

141 540.0 60.8 91.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

Instrument :

BNA_F

ClientSampleId :

A591

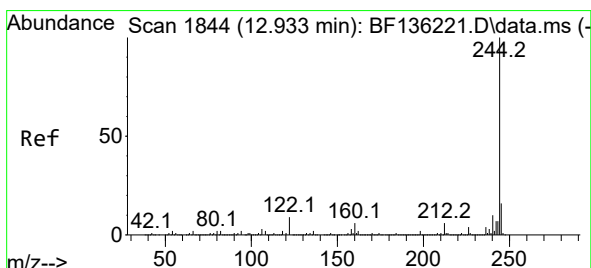
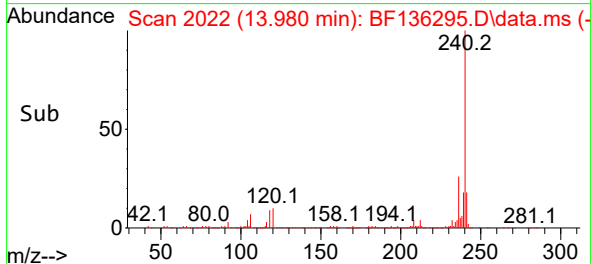
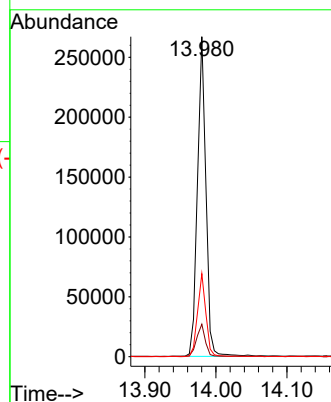
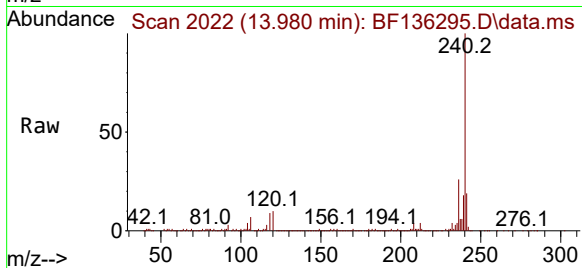
Tgt Ion:240 Resp: 223307

Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.2

236 26.0 21.1 31.7



#79

Terphenyl-d14

Concen: 63.130 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

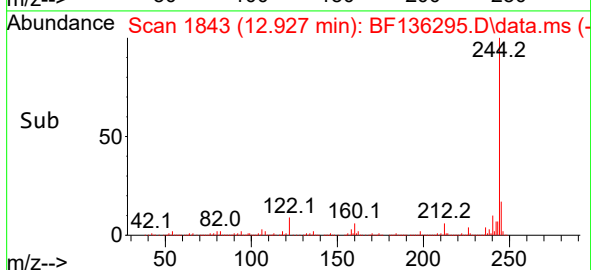
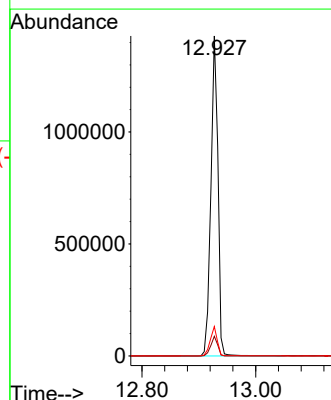
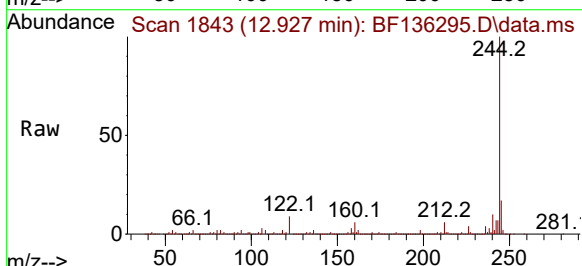
Tgt Ion:244 Resp: 1222143

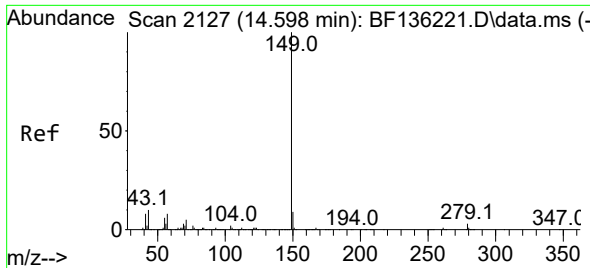
Ion Ratio Lower Upper

244 100

212 6.2 4.6 7.0

122 9.2 7.3 10.9

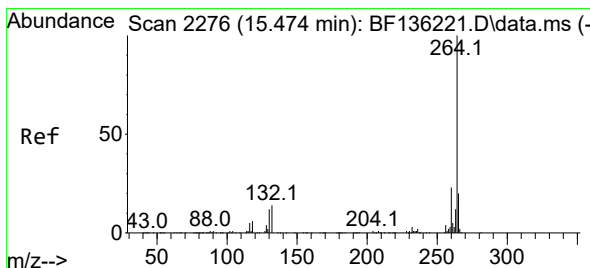
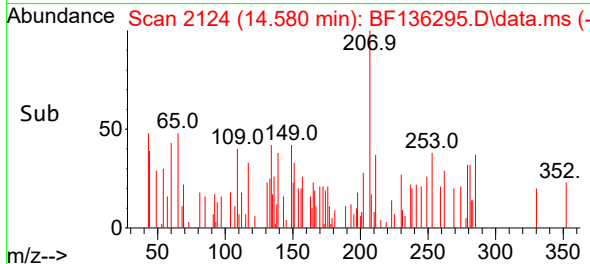
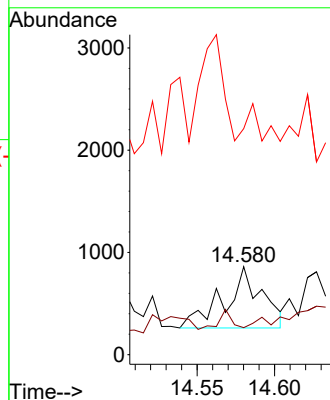
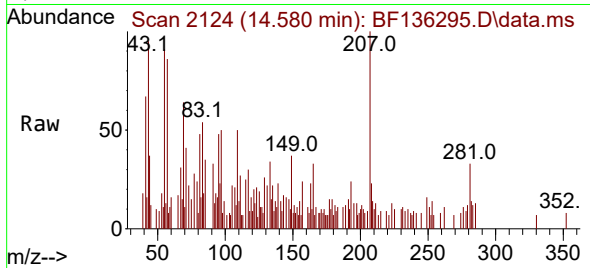




#85
Di-n-octyl phthalate
Concen: 5.223 ng
RT: 14.580 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

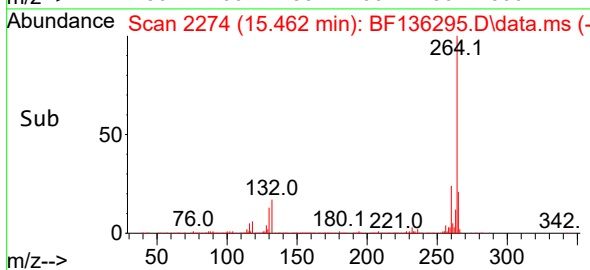
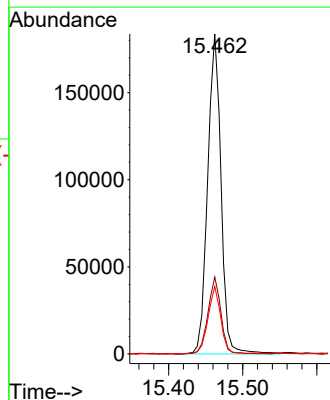
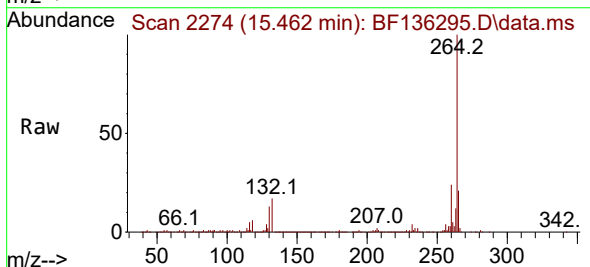
Instrument :
BNA_F
ClientSampleId :
A591

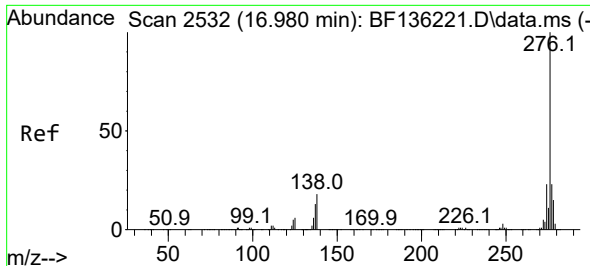
Tgt Ion:149 Resp: 1006
Ion Ratio Lower Upper
149 100
167 8.0 1.0 1.6#
43 105.2 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

Tgt Ion:264 Resp: 230800
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 21.1 15.7 23.5

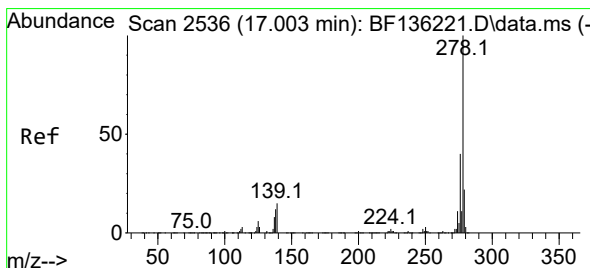
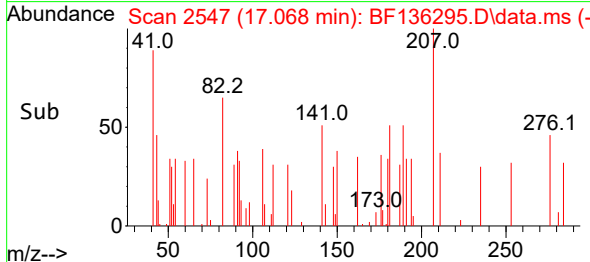
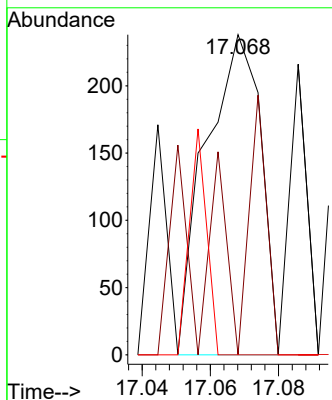
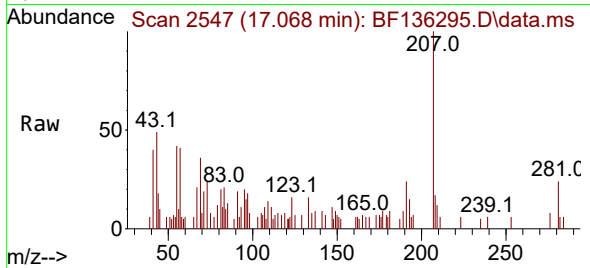




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.694 ng
 RT: 17.068 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: BF136295.D
 Acq: 29 Nov 2023 21:23

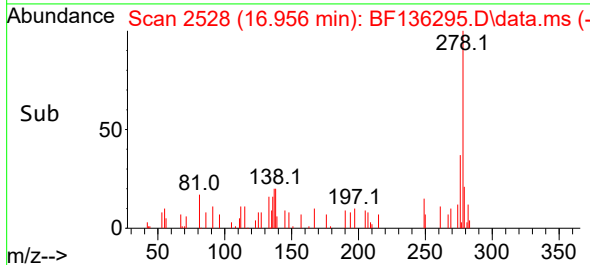
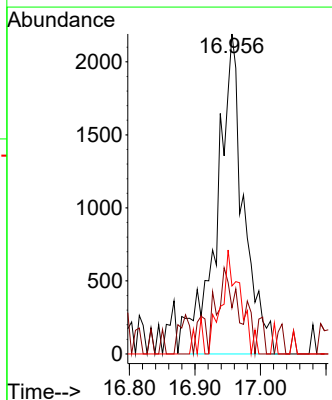
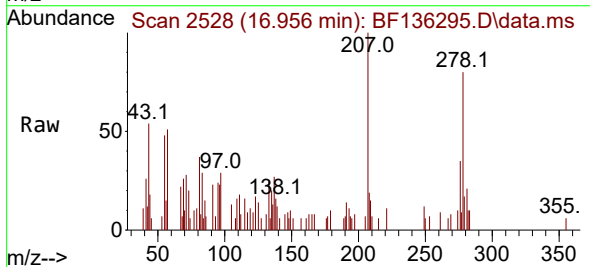
Instrument :
 BNA_F
 ClientSampleId :
 A591

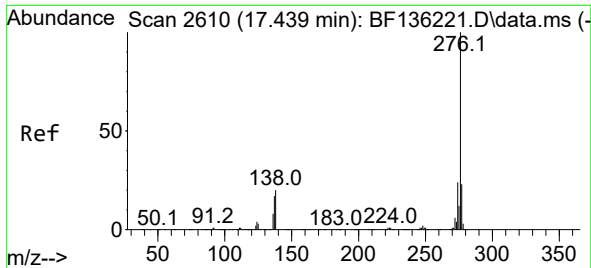
Tgt Ion:	276	Resp:	267
Ion Ratio	Lower	Upper	
276	100		
138	19.9	17.7	26.5
277	22.1	19.6	29.4



#91
 Dibenzo(a,h)anthracene
 Concen: 3.141 ng
 RT: 16.956 min Scan# 2528
 Delta R.T. -0.047 min
 Lab File: BF136295.D
 Acq: 29 Nov 2023 21:23

Tgt Ion:	278	Resp:	6282
Ion Ratio	Lower	Upper	
278	100		
139	14.4	11.7	17.5
279	21.2	17.8	26.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.210 ng
 RT: 17.380 min Scan# 20
 Delta R.T. -0.059 min
 Lab File: BF136295.D
 Acq: 29 Nov 2023 21:23

Instrument :
 BNA_F
 ClientSampleId :
 A591

Tgt Ion:276 Resp: 4481
 Ion Ratio Lower Upper
 276 100
 277 12.7 18.6 27.8#
 138 20.2 15.8 23.8

