

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136479.D
 Acq On : 08 Dec 2023 21:18
 Operator : CG\JU
 Sample : 05599-07RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-04RE

Quant Time: Dec 11 02:13:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

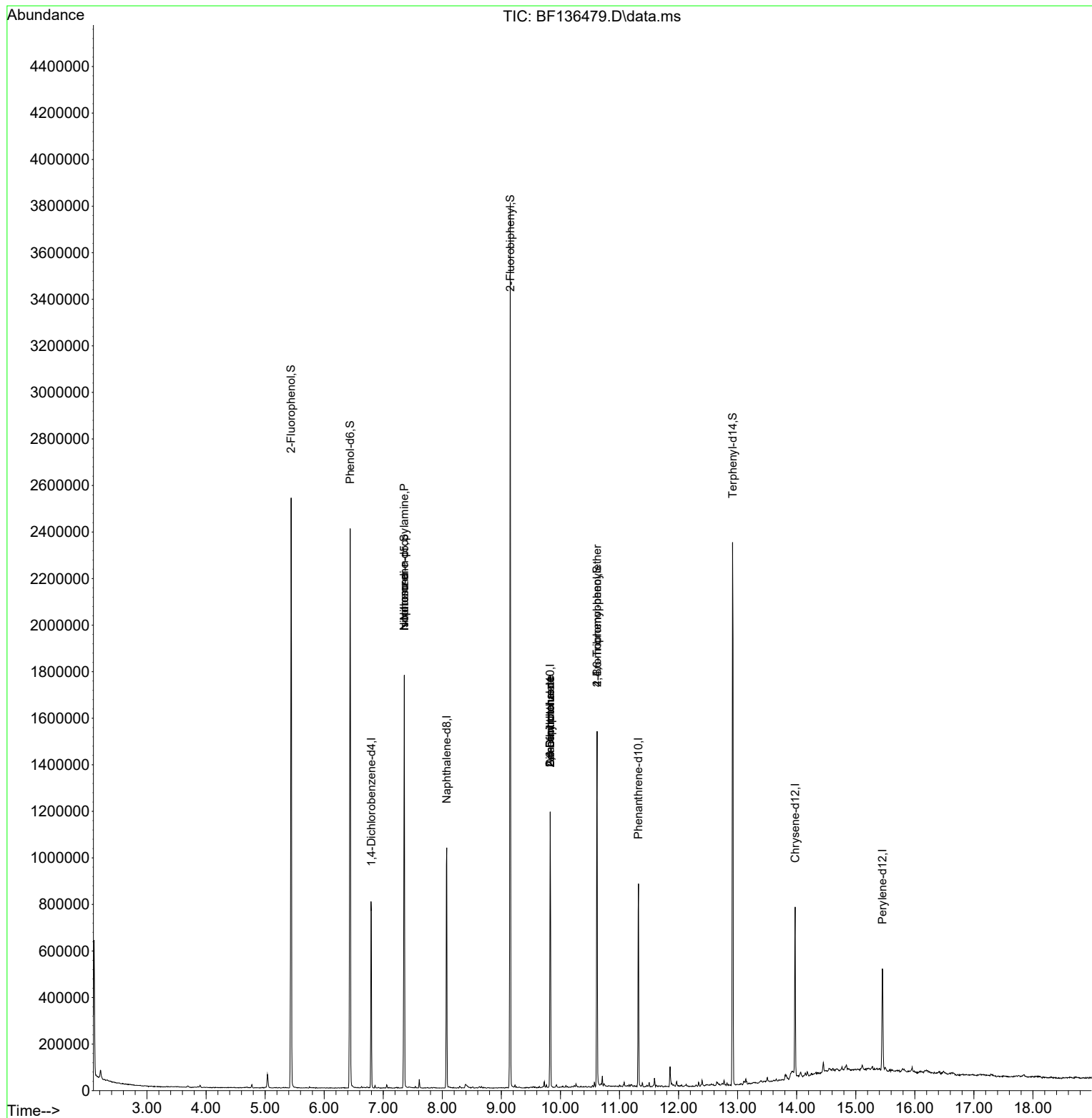
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	122119	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	477267	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	221070	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	317504	20.000	ng	0.00
76) Chrysene-d12	13.974	240	234115	20.000	ng	0.00
86) Perylene-d12	15.451	264	213178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	739336	89.410	ng	0.00
7) Phenol-d6	6.439	99	909589	88.165	ng	0.00
23) Nitrobenzene-d5	7.357	82	553484	62.694	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	186743	68.509	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1094602	67.562	ng	-0.01
79) Terphenyl-d14	12.915	244	856756	48.235	ng	0.00
Target Compounds						
9) Benzaldehyde	6.439	77	1287	Below Cal	Qvalue	# 26
19) n-Nitroso-di-n-propyla...	7.357	70	71604	12.032	ng	# 76
25) Isophorone	7.357	82	551121	34.747	ng	# 65
50) Dimethylphthalate	9.827	163	43667	2.683	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	27425	7.490	ng	# 29
57) 2,4-Dinitrotoluene	9.827	165	27425	5.662	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	12014	3.255	ng	# 1
77) Benzidine	12.915	184	10032	Below Cal	Qvalue	# 89

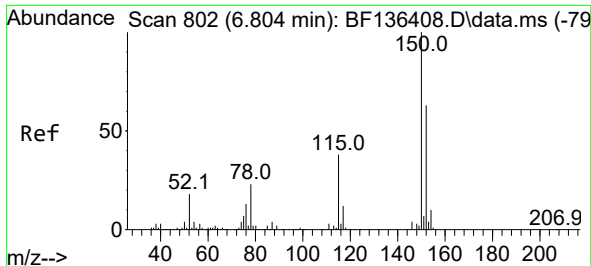
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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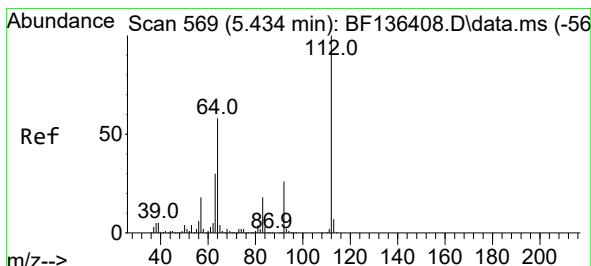
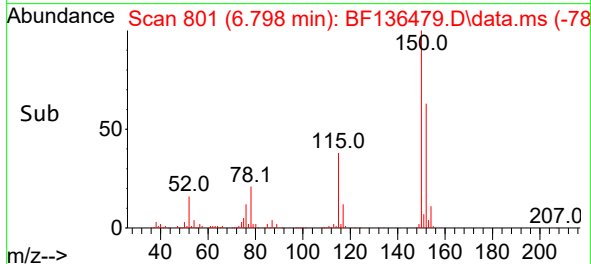
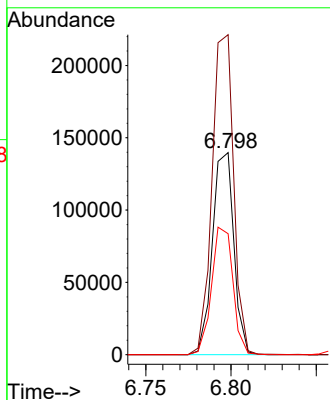
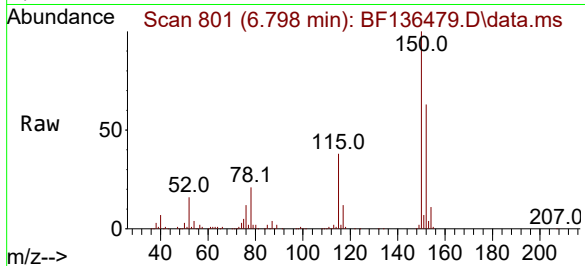




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

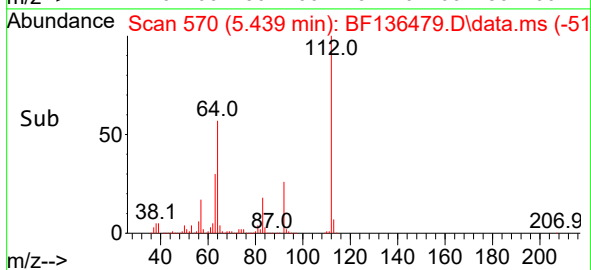
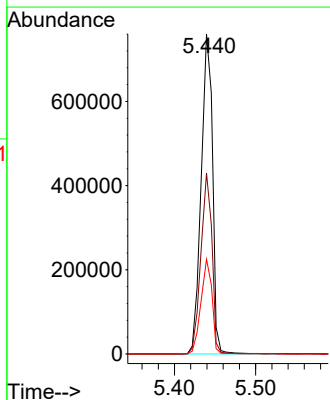
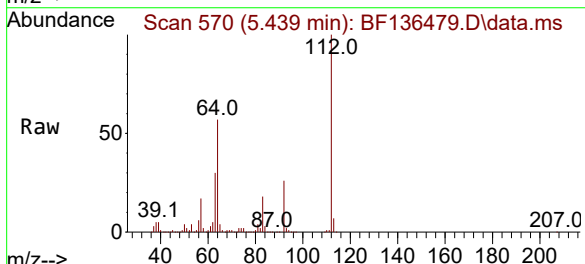
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BNA_F
ClientSampleId :
LKWD-BACKFILL-04RE

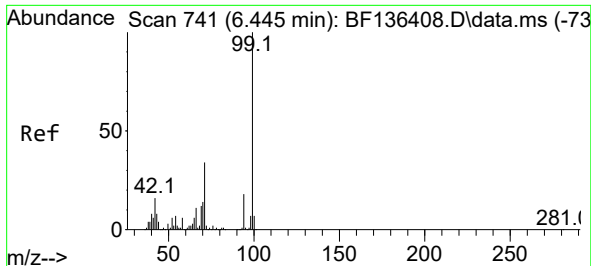
Tgt Ion:152 Resp: 122119
Ion Ratio Lower Upper
152 100
150 158.3 126.4 189.6
115 59.9 48.2 72.4



#5
2-Fluorophenol
Concen: 89.410 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion:112 Resp: 739336
Ion Ratio Lower Upper
112 100
64 56.6 46.5 69.7
63 29.6 23.9 35.9

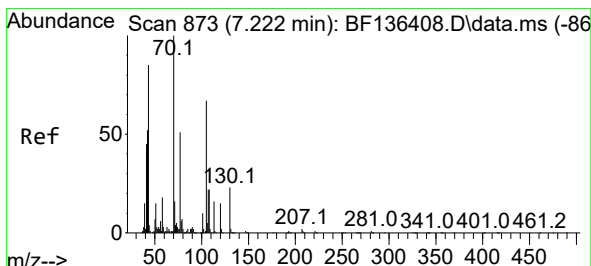
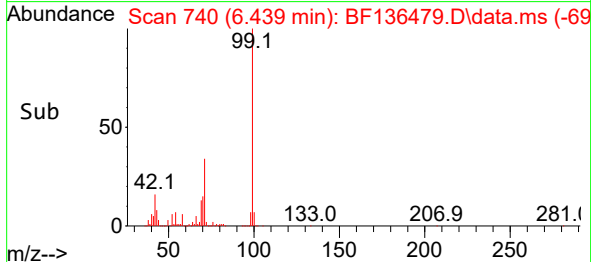
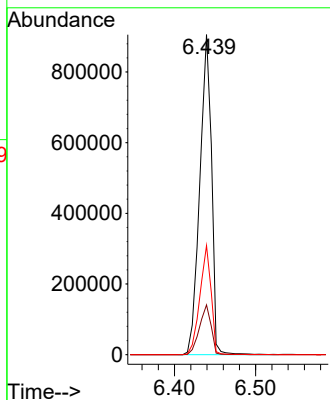
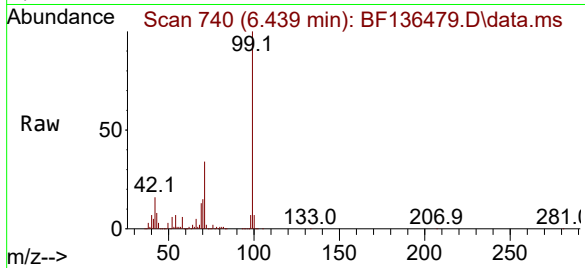




#7
Phenol-d6
Concen: 88.165 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

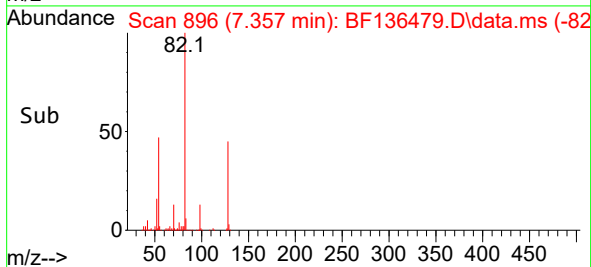
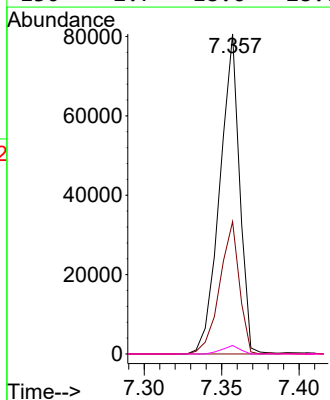
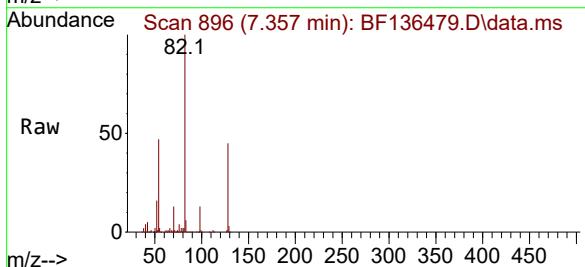
Instrument :
BNA_F
ClientSampleId :
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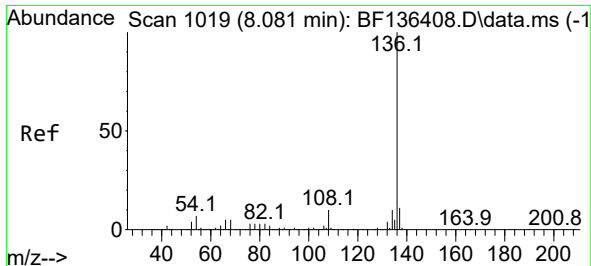
Tgt Ion: 99 Resp: 909589
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.1 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.032 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion: 70 Resp: 71604
Ion Ratio Lower Upper
70 100
42 41.3 41.4 62.0#
101 0.0 8.2 12.4#
130 2.7 18.6 28.0#

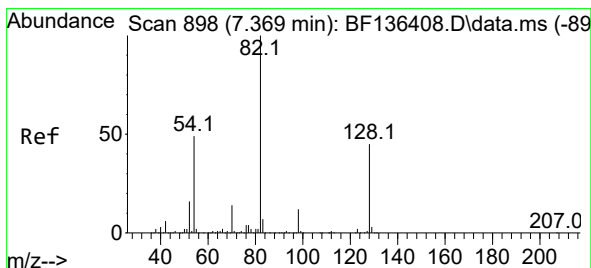
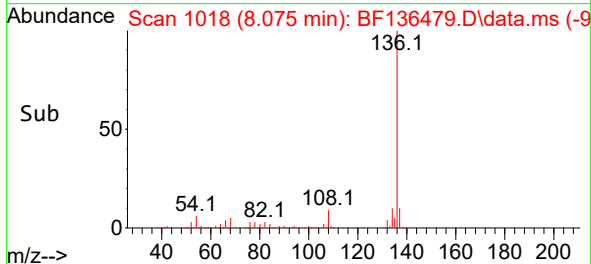
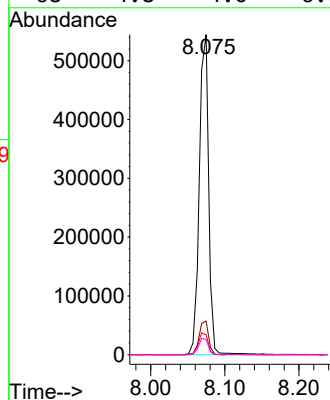
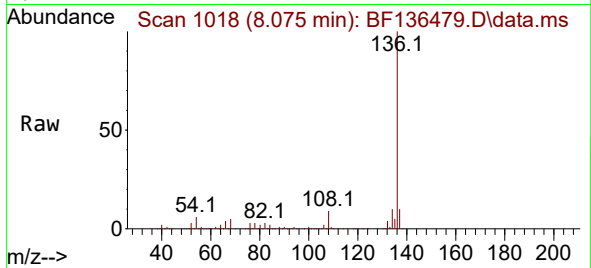




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

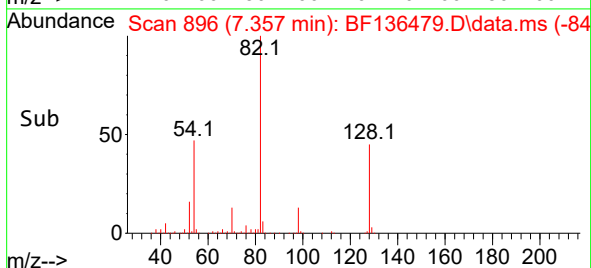
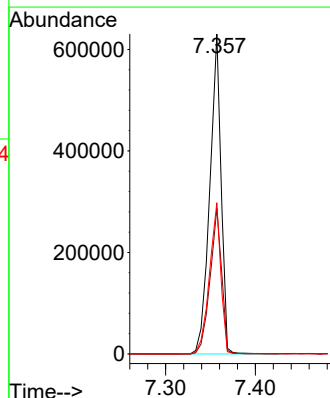
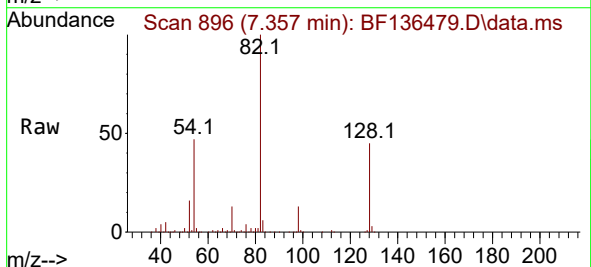
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ClientSampleId :
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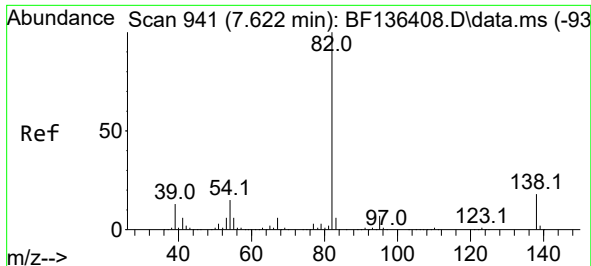
Tgt Ion:136 Resp: 477267
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.3 5.7 8.5
68 4.8 4.0 6.0



#23
Nitrobenzene-d5
Concen: 62.694 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion: 82 Resp: 553484
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 47.2 39.0 58.6

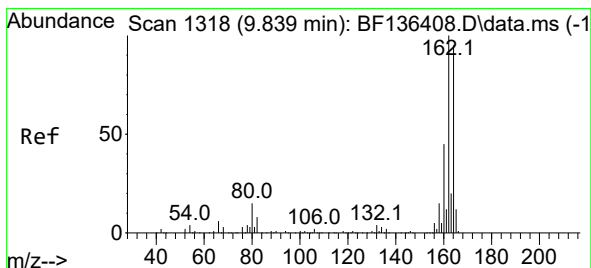
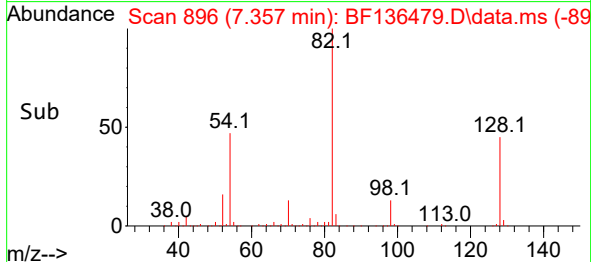
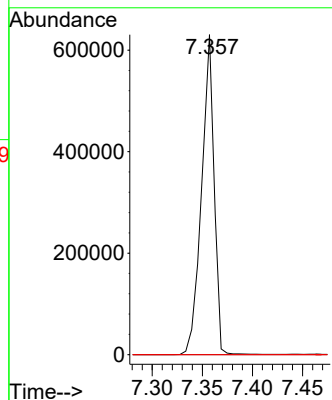
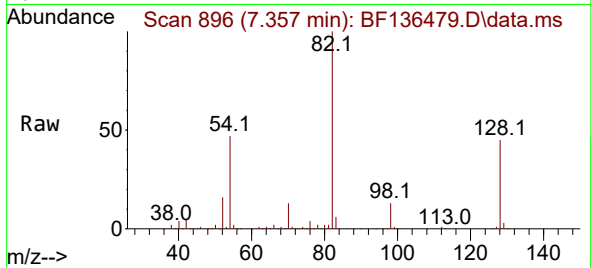




#25
Isophorone
Concen: 34.747 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

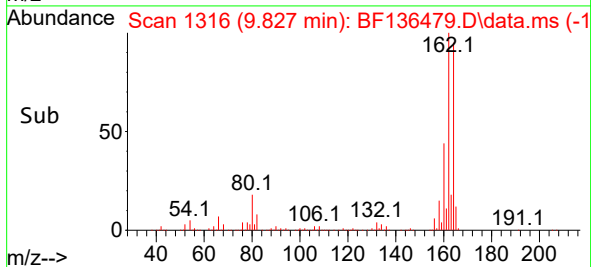
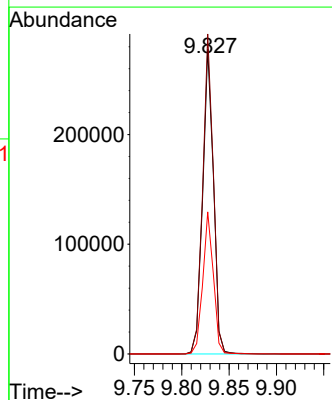
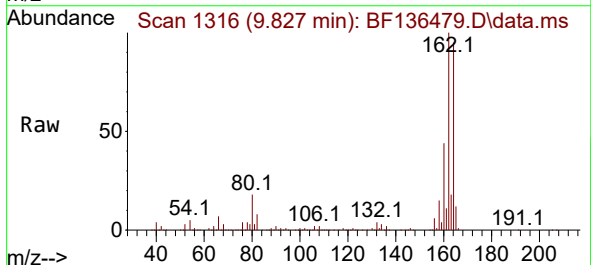
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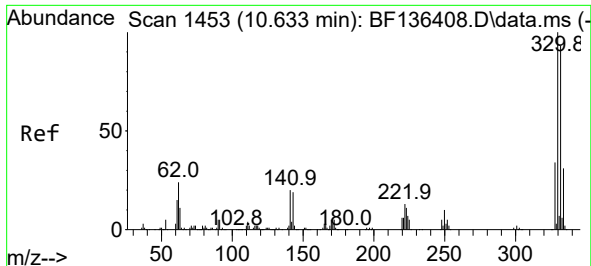
Tgt Ion: 82 Resp: 551121
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion: 164 Resp: 221070
Ion Ratio Lower Upper
164 100
162 104.9 84.4 126.6
160 46.6 37.6 56.4

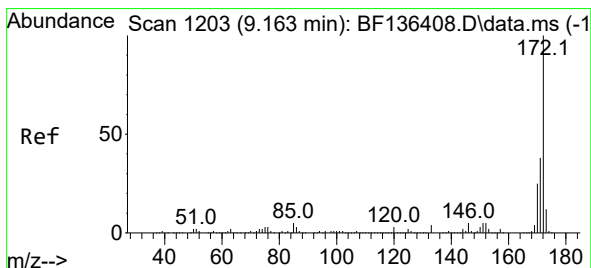
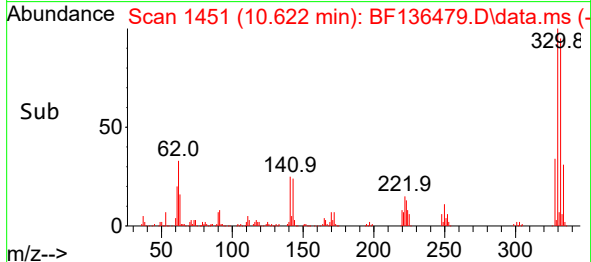
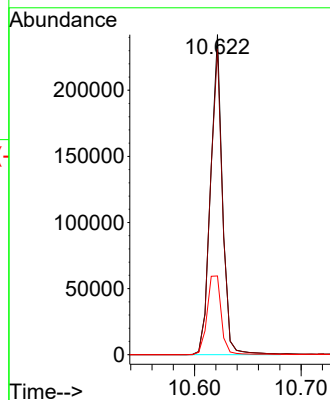
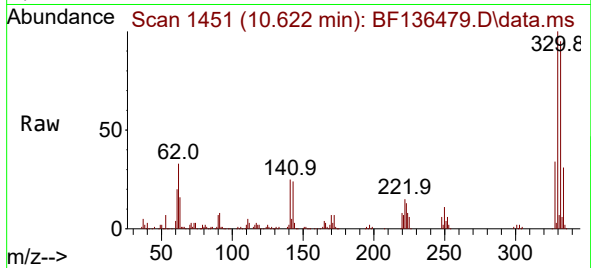




#42
2,4,6-Tribromophenol
Concen: 68.509 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

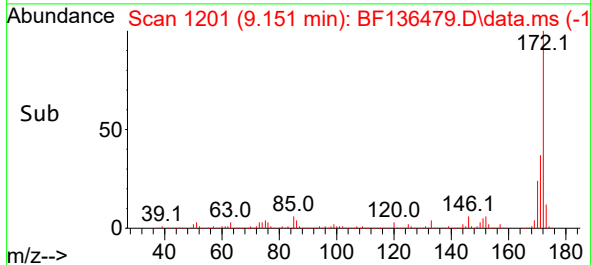
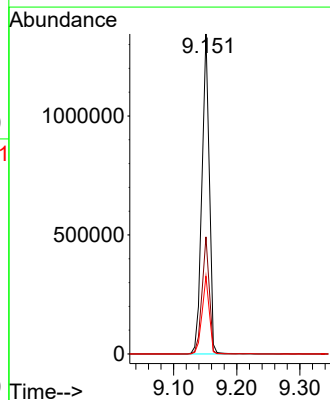
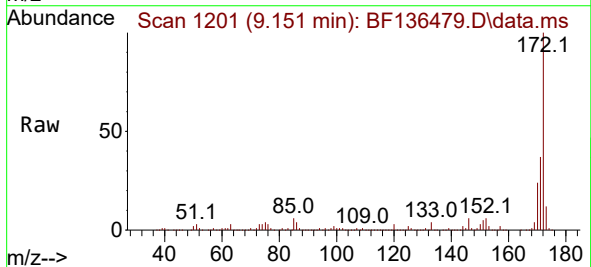
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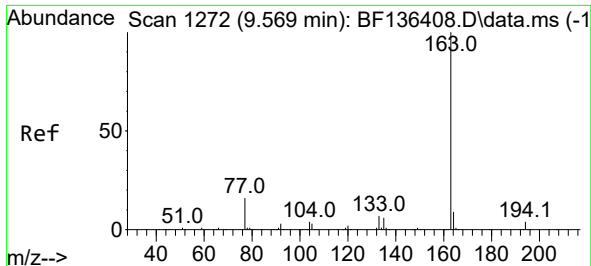
Tgt Ion:330 Resp: 186743
Ion Ratio Lower Upper
330 100
332 98.5 76.4 114.6
141 29.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 67.562 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion:172 Resp: 1094602
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 24.3 19.9 29.9

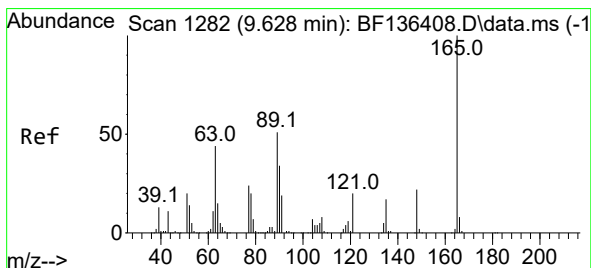
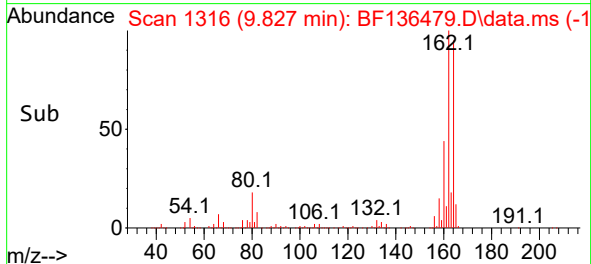
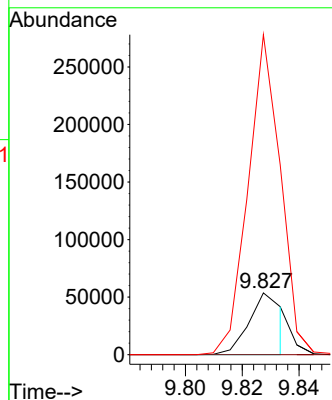
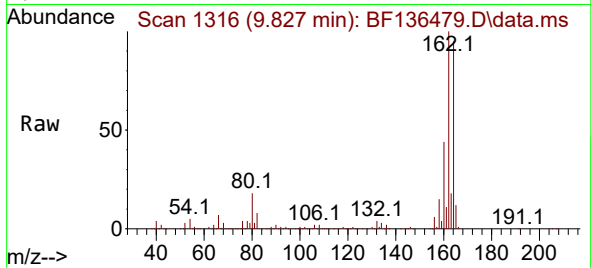




#50
Dimethylphthalate
Concen: 2.683 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

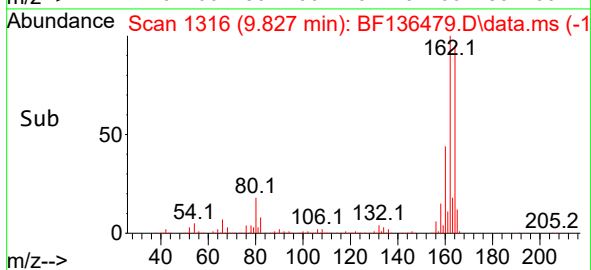
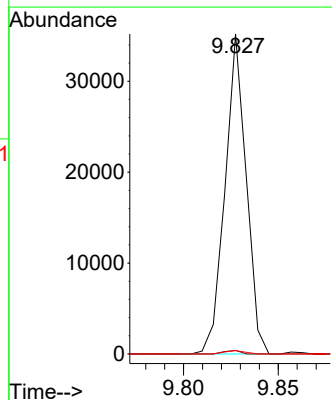
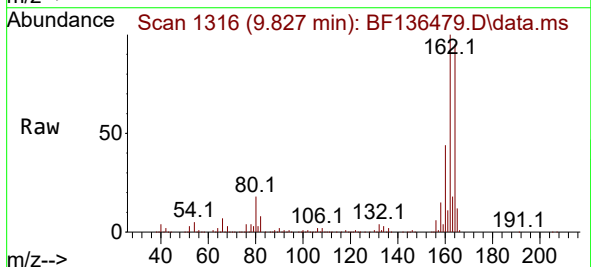
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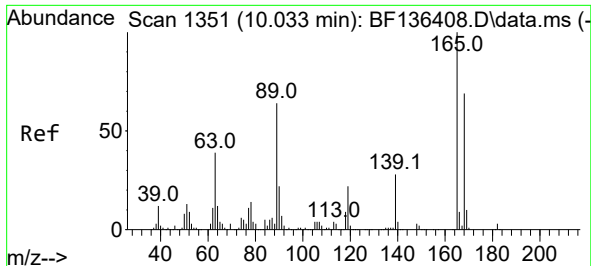
Tgt Ion:163 Resp: 43667
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 518.5 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.490 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion:165 Resp: 27425
Ion Ratio Lower Upper
165 100
63 1.1 40.4 60.6#
89 1.1 40.6 60.8#

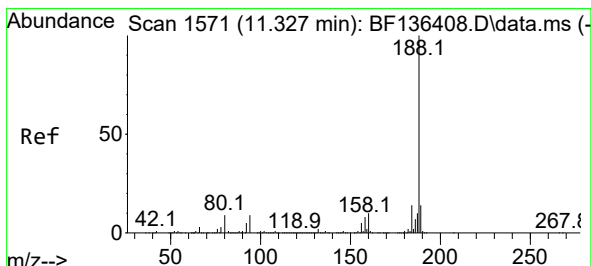
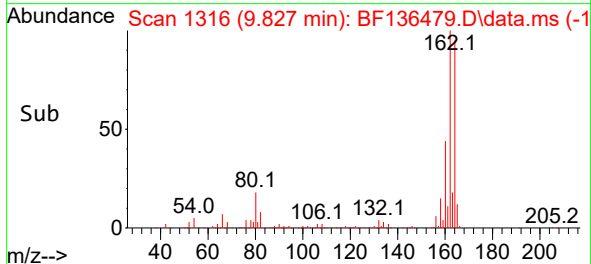
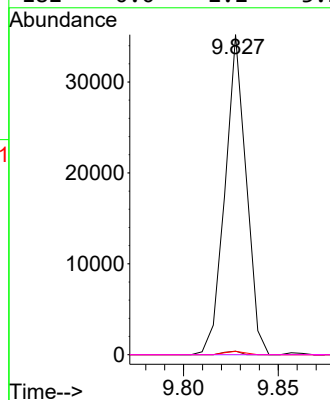
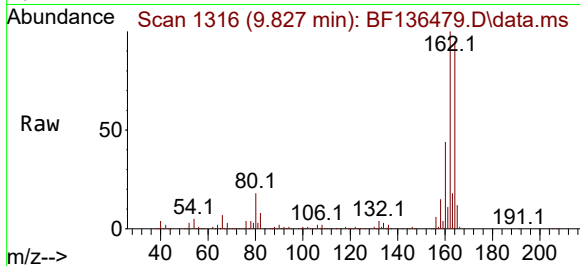




#57
2,4-Dinitrotoluene
Concen: 5.662 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

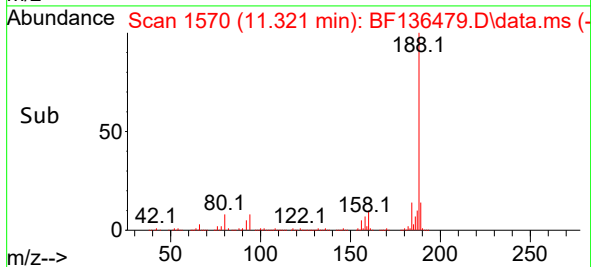
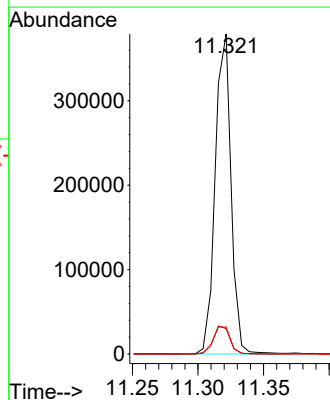
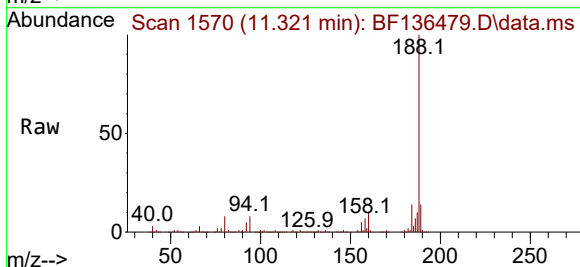
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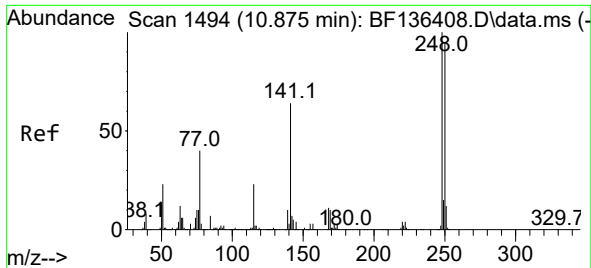
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Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.2#
89 1.1 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion:188 Resp: 317504
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.4 7.2 10.8

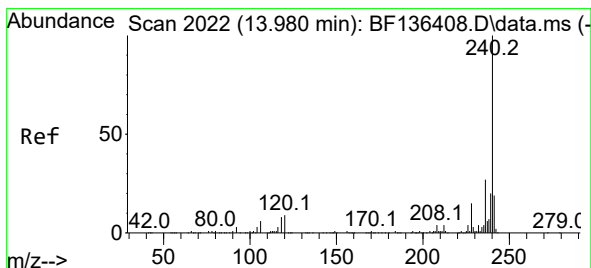
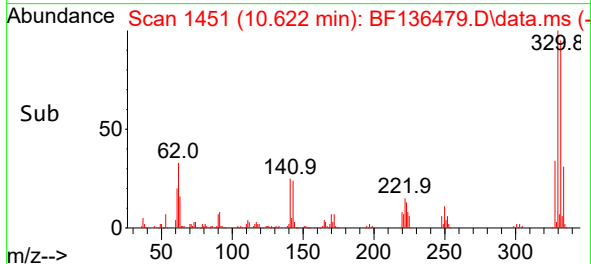
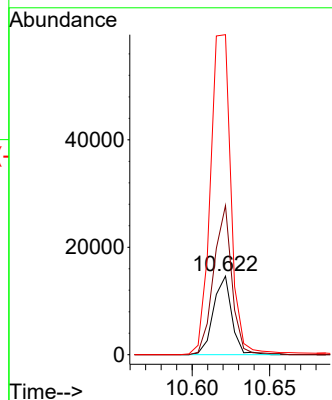
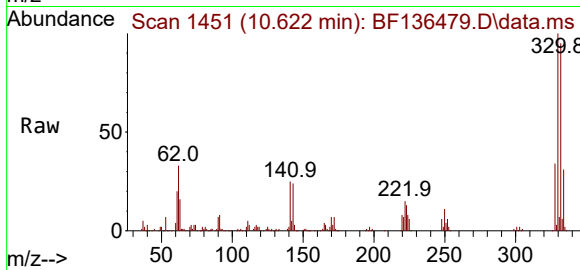




#67
4-Bromophenyl-phenylether
Concen: 3.255 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

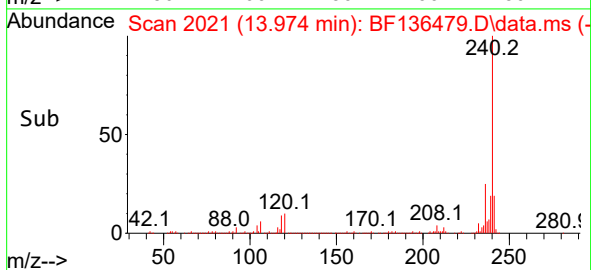
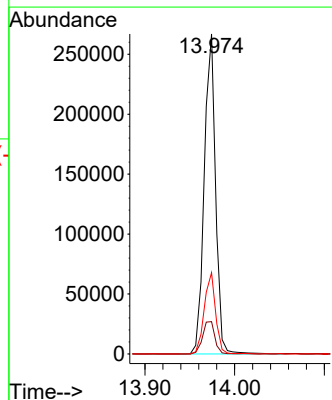
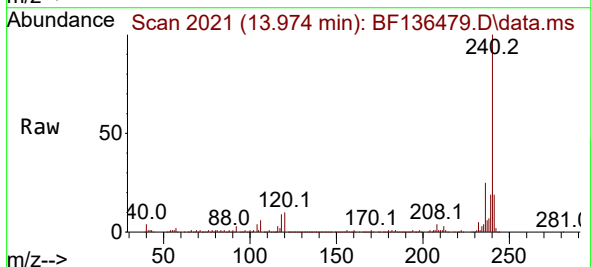
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-04RE

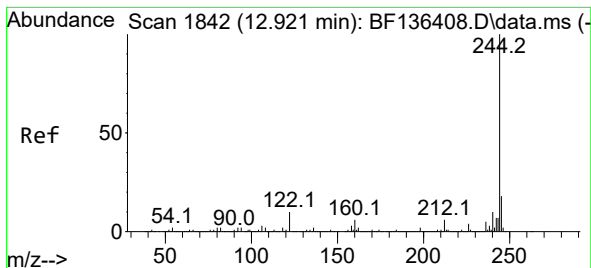
Tgt Ion:248 Resp: 12014
Ion Ratio Lower Upper
248 100
250 190.0 76.2 114.2#
141 407.7 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136479.D
Acq: 08 Dec 2023 21:18

Tgt Ion:240 Resp: 234115
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 25.4 21.3 31.9





#79

Terphenyl-d14

Concen: 48.235 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136479.D

Acq: 08 Dec 2023 21:18

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-04RE

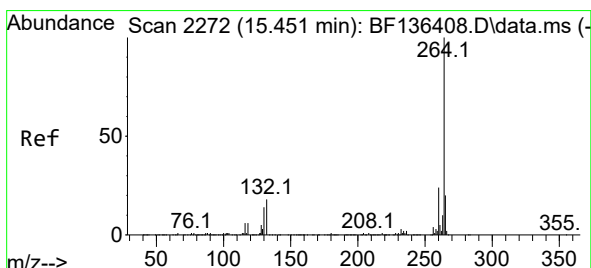
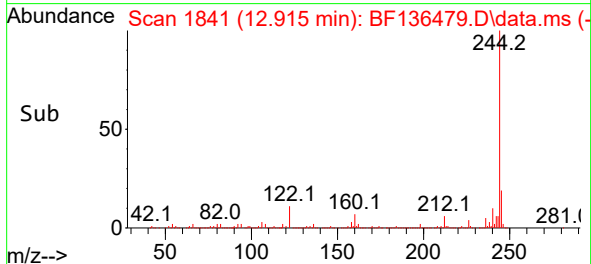
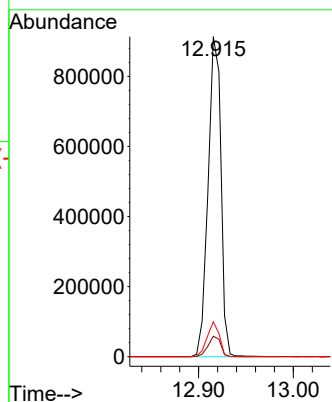
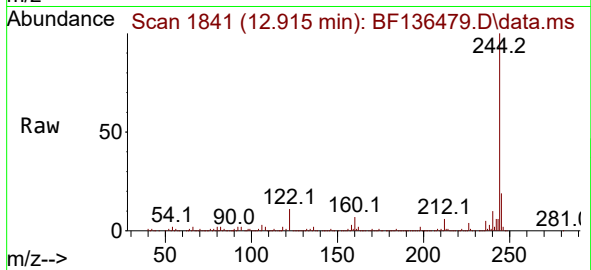
Tgt Ion:244 Resp: 856756

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136479.D

Acq: 08 Dec 2023 21:18

Tgt Ion:264 Resp: 213178

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.4 15.9 23.9

