

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136775.D
 Acq On : 28 Dec 2023 00:03
 Operator : CG\JU
 Sample : 05926-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2

Quant Time: Dec 28 00:24:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

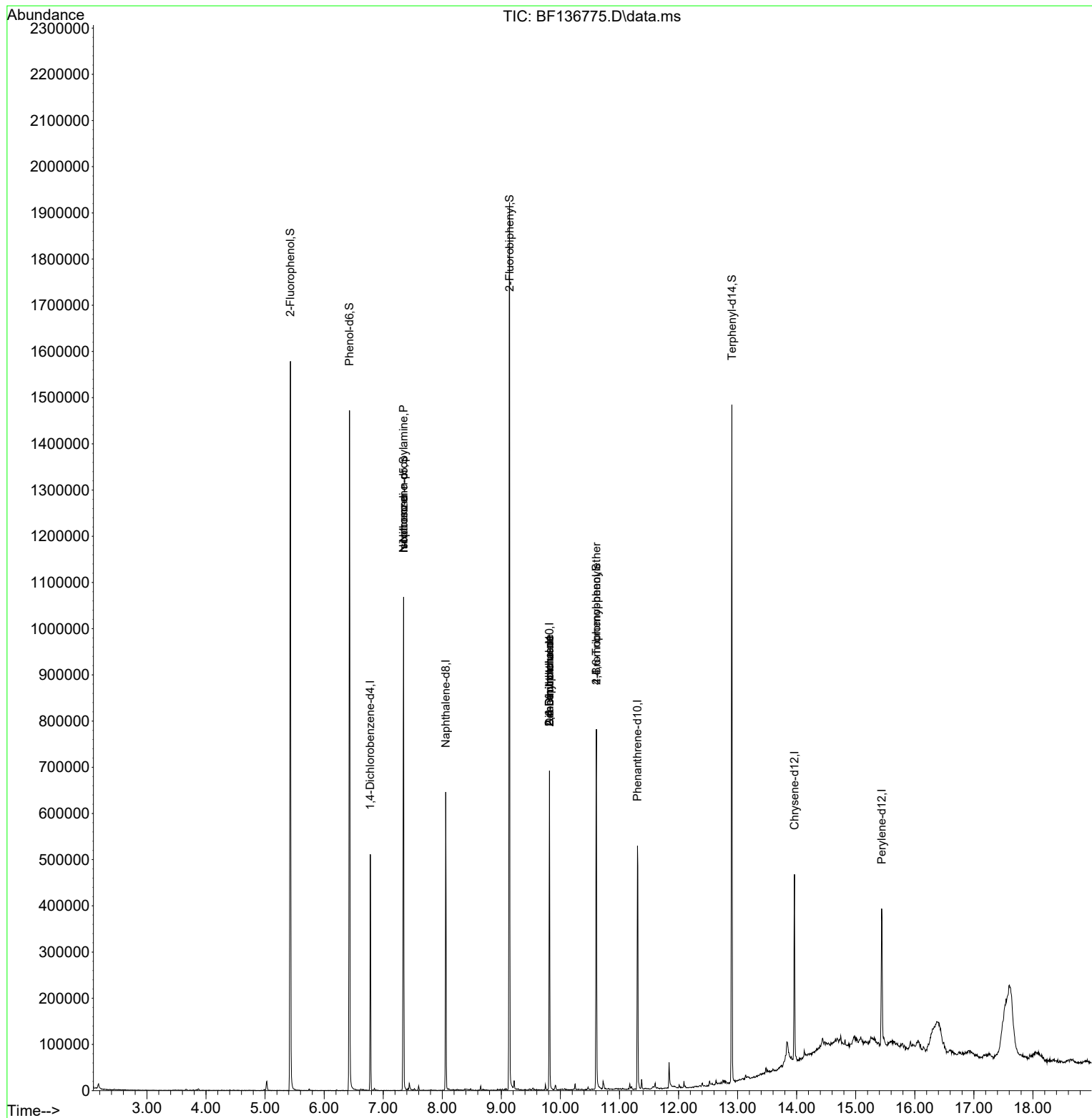
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	66917	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	254786	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	123420	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	198643	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	131621	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	144799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	394746	92.042	ng	0.00
7) Phenol-d6	6.428	99	492655	88.652	ng	-0.01
23) Nitrobenzene-d5	7.345	82	309002	62.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	98531	67.787	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	613027	66.805	ng	-0.01
79) Terphenyl-d14	12.904	244	498307	52.907	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	39914	11.848	ng	# 74
25) Isophorone	7.345	82	308996	34.106	ng	# 65
50) Dimethylphthalate	9.816	163	24605	2.729	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15838	7.741	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	15838	5.963	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5574	2.527	ng	# 1

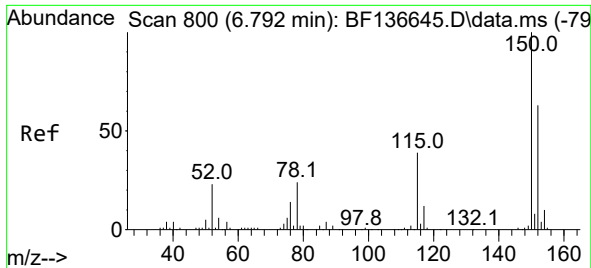
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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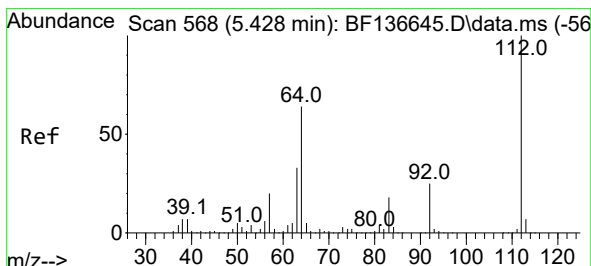
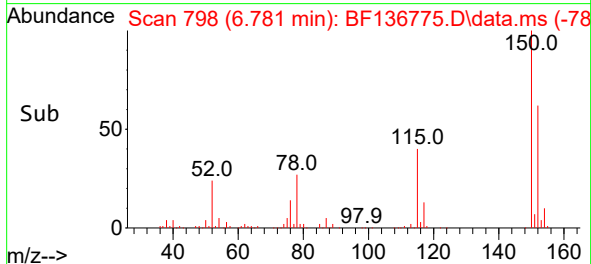
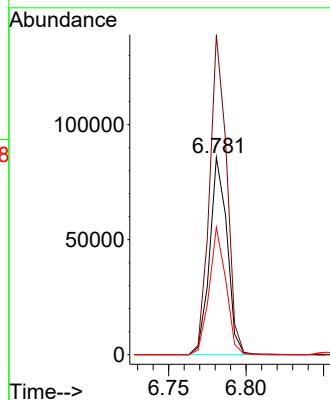
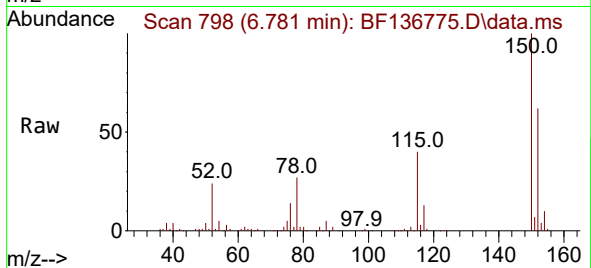




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF136775.D
 Acq: 28 Dec 2023 00:03

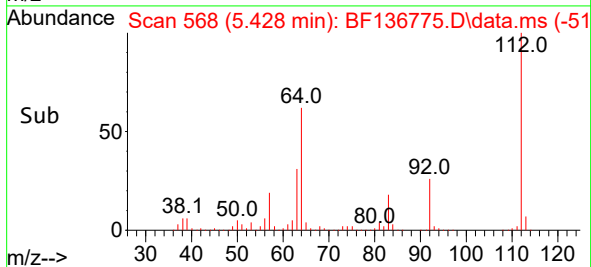
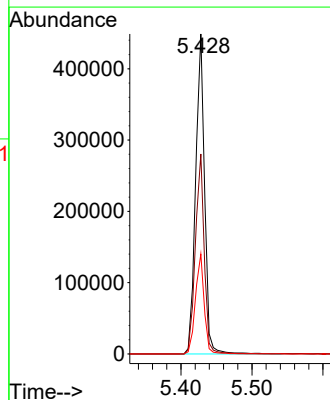
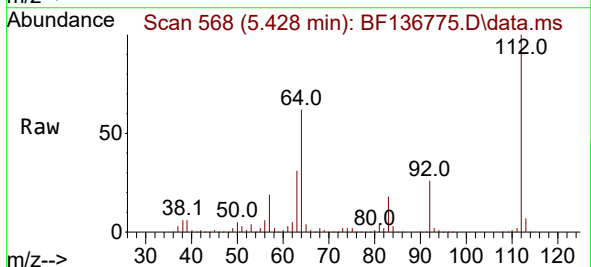
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2

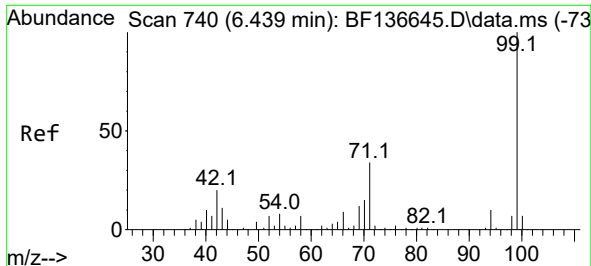
Tgt Ion:152 Resp: 66917
 Ion Ratio Lower Upper
 152 100
 150 162.2 127.0 190.6
 115 64.5 49.0 73.4



#5
 2-Fluorophenol
 Concen: 92.042 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136775.D
 Acq: 28 Dec 2023 00:03

Tgt Ion:112 Resp: 394746
 Ion Ratio Lower Upper
 112 100
 64 62.5 51.1 76.7
 63 31.3 26.1 39.1

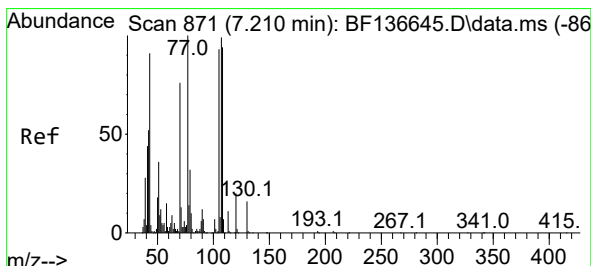
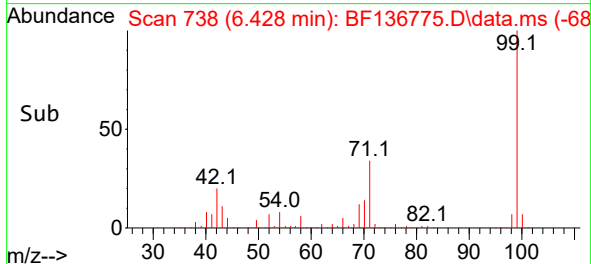
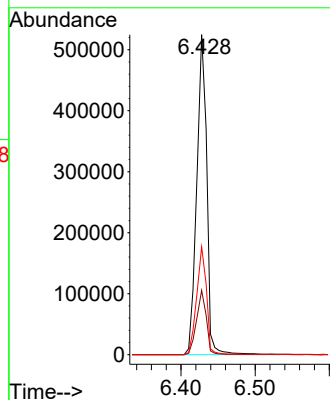
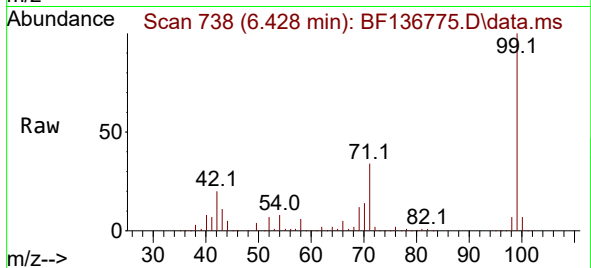




#7
Phenol-d6
Concen: 88.652 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

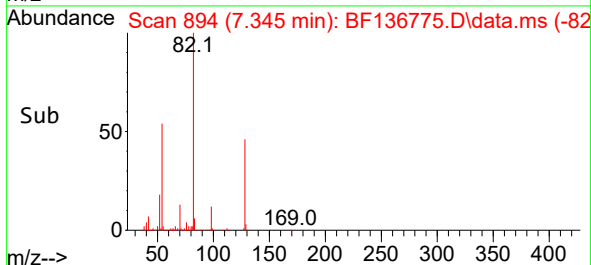
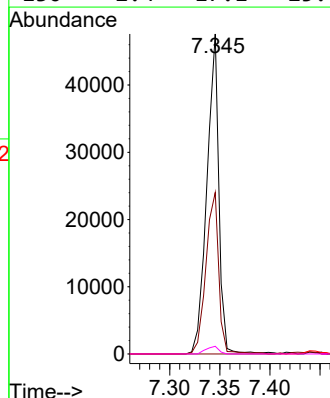
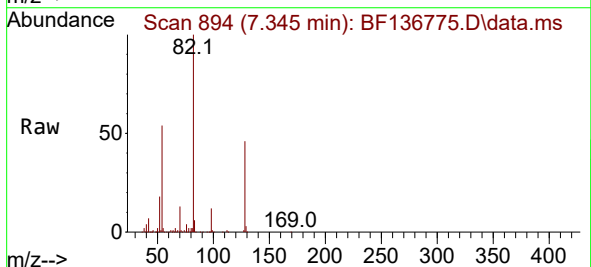
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

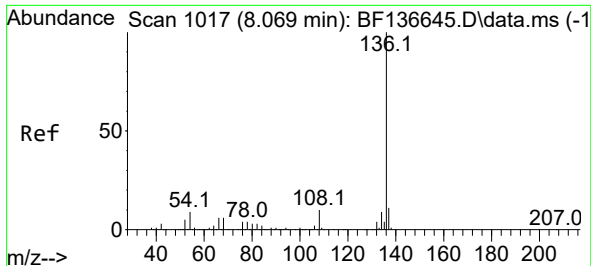
Tgt Ion: 99 Resp: 492655
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 33.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.848 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

Tgt Ion: 70 Resp: 39914
Ion Ratio Lower Upper
70 100
42 50.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#

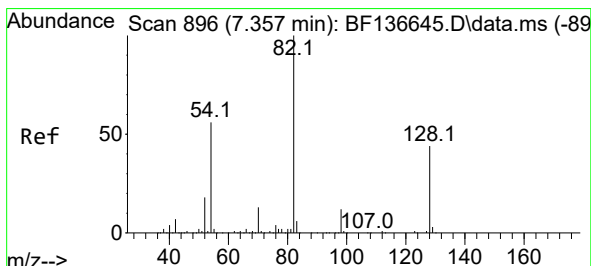
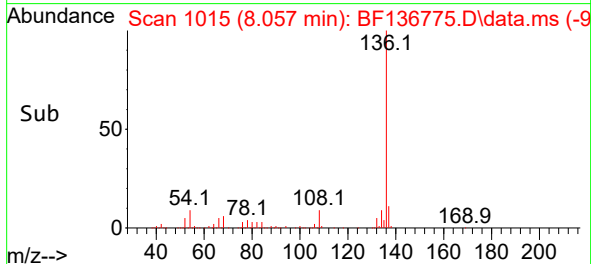
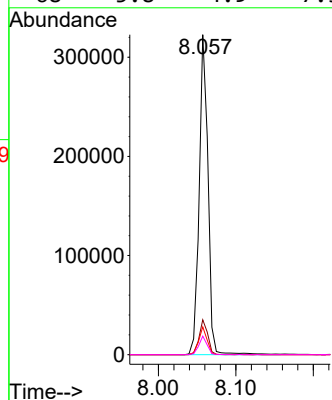
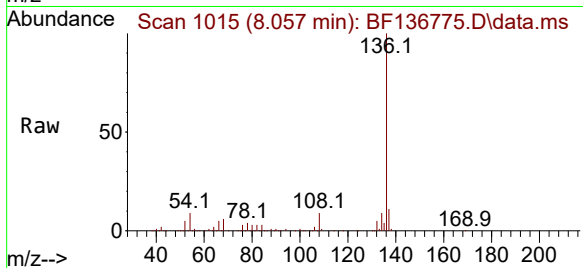




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

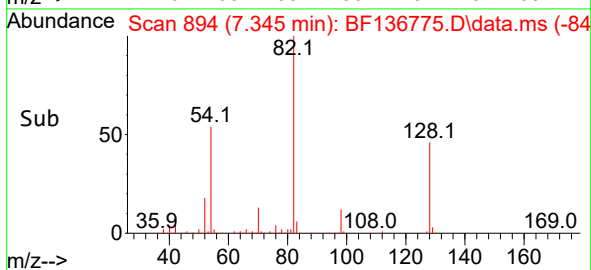
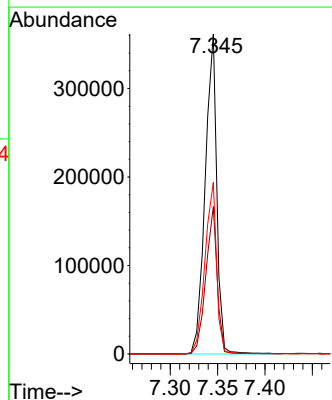
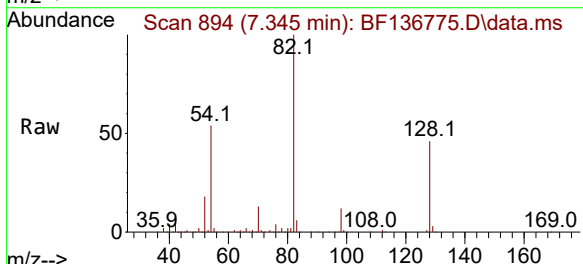
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

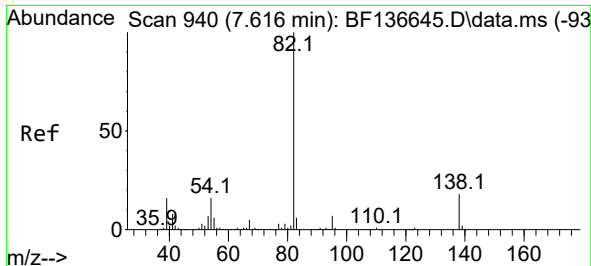
Tgt Ion:136	Resp: 254786
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 8.7	7.2 10.8
68 5.8	4.9 7.3



#23
Nitrobenzene-d5
Concen: 62.060 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

Tgt Ion: 82	Resp: 309002
Ion Ratio	Lower Upper
82 100	
128 46.1	35.3 52.9
54 53.6	44.5 66.7

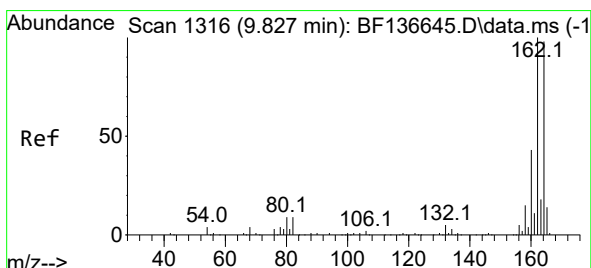
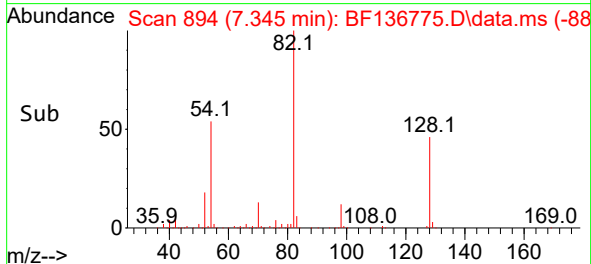
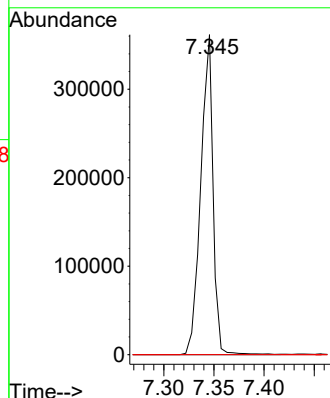
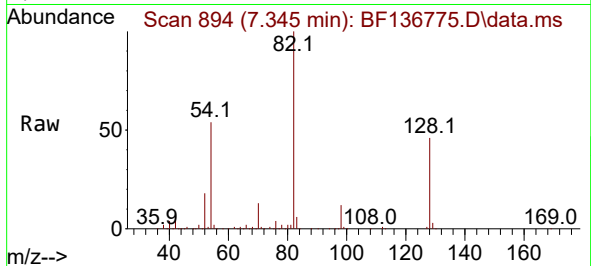




#25
Isophorone
Concen: 34.106 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

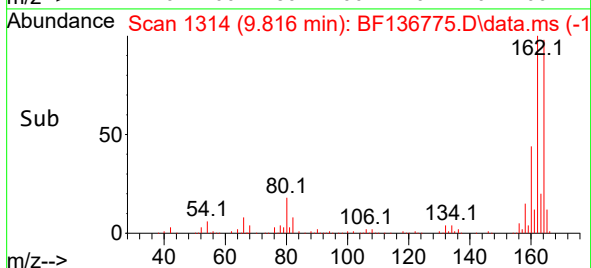
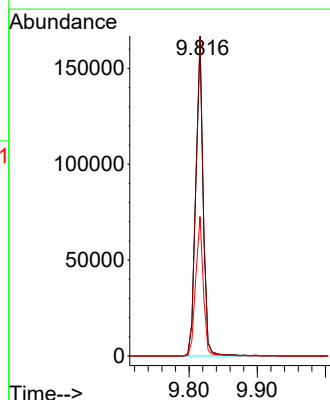
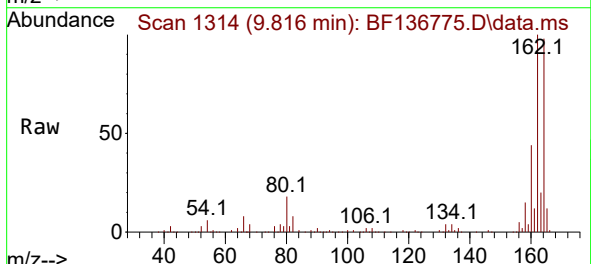
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

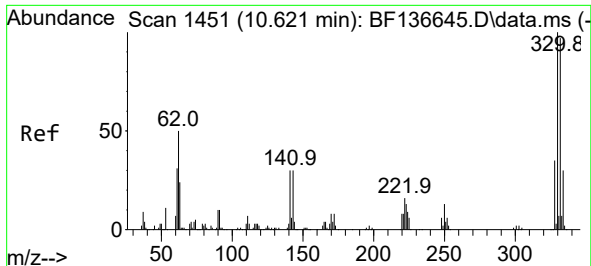
Tgt Ion: 82 Resp: 308996
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

Tgt Ion:164 Resp: 123420
Ion Ratio Lower Upper
164 100
162 101.8 81.6 122.4
160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 67.787 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136775.D

Acq: 28 Dec 2023 00:03

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2

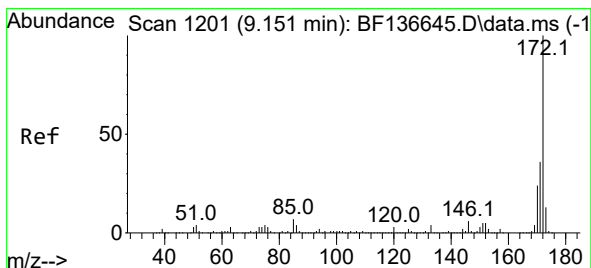
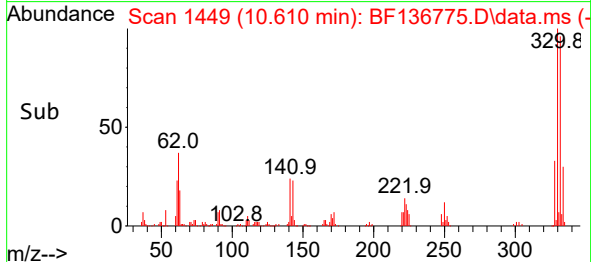
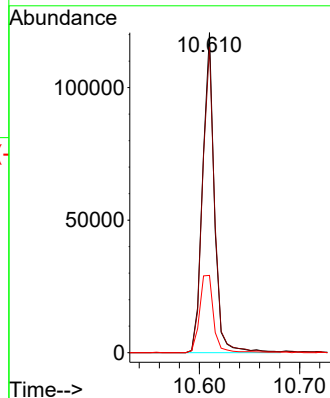
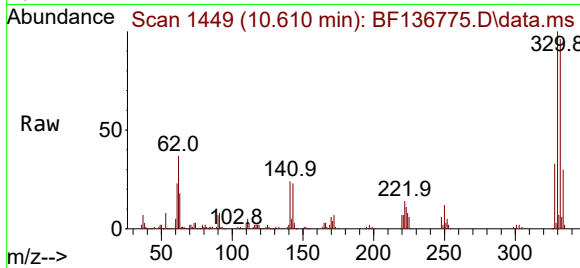
Tgt Ion:330 Resp: 98531

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.0

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 66.805 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136775.D

Acq: 28 Dec 2023 00:03

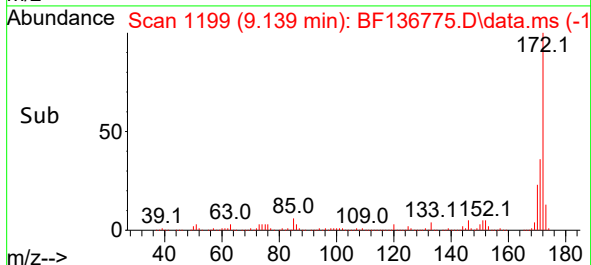
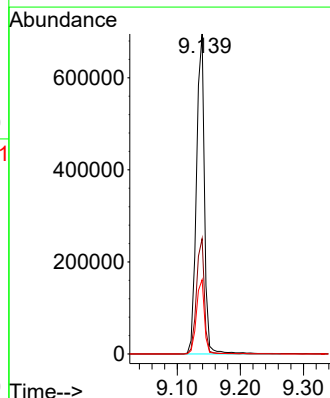
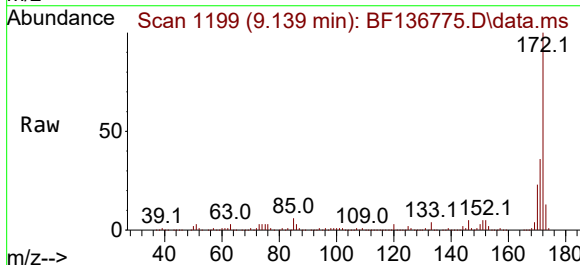
Tgt Ion:172 Resp: 613027

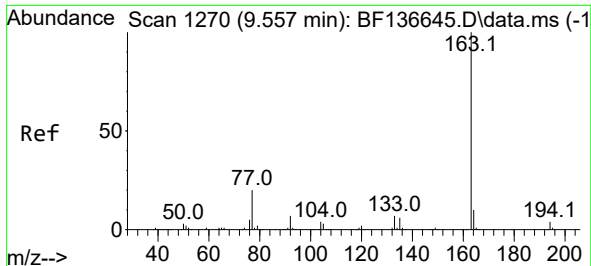
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.2 19.0 28.4

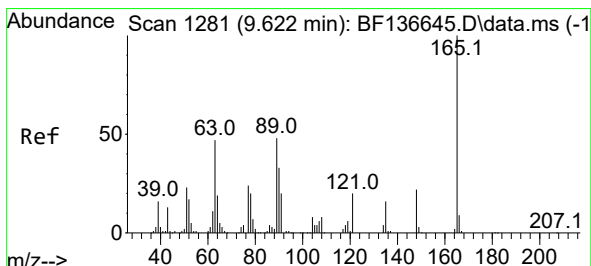
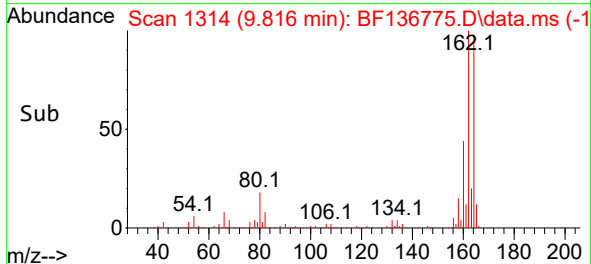
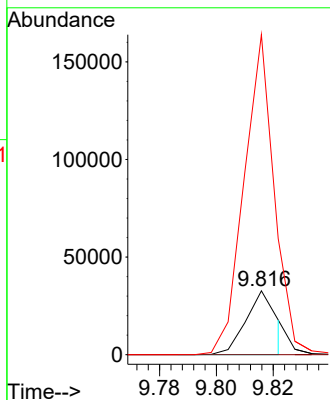
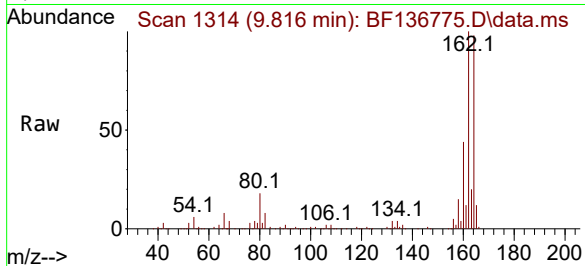




#50
Dimethylphthalate
Concen: 2.729 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

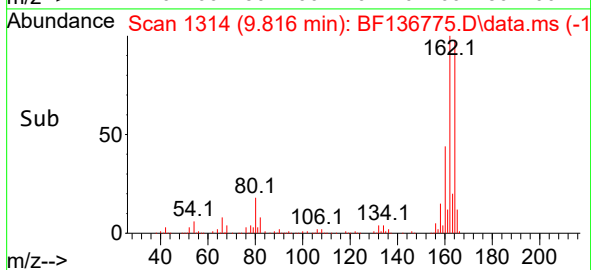
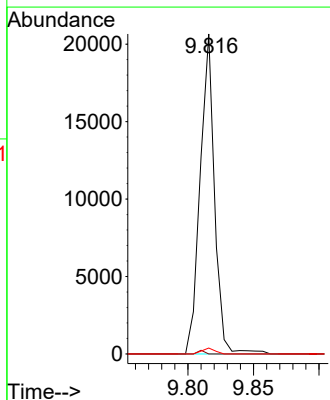
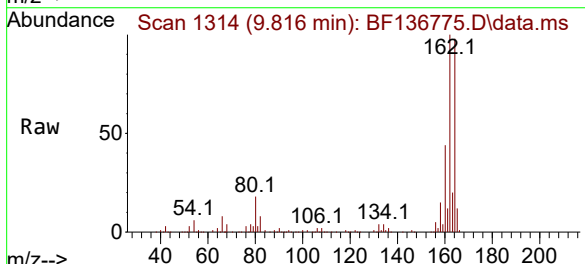
Instrument :
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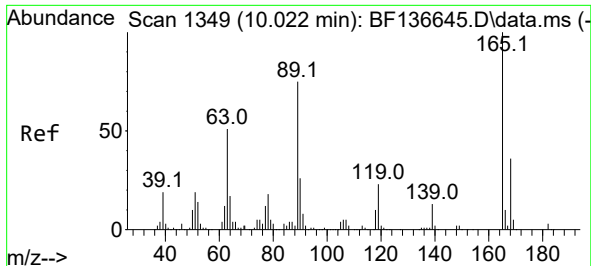
Tgt Ion:163 Resp: 24605
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 501.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.741 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

Tgt Ion:165 Resp: 15838
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.8 38.8 58.2#

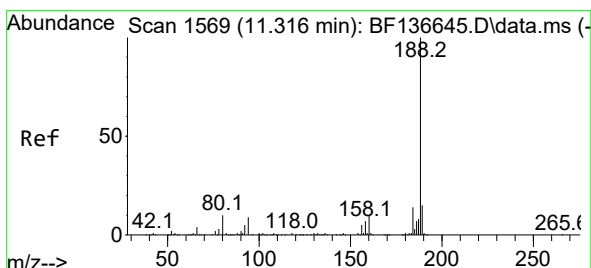
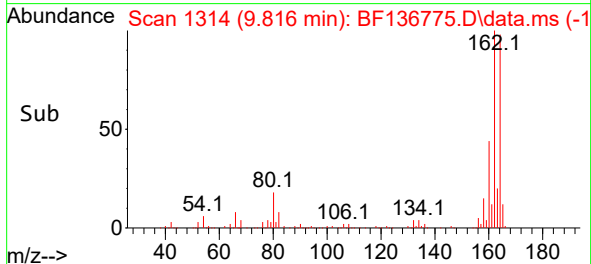
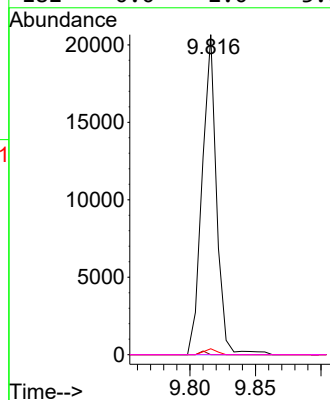
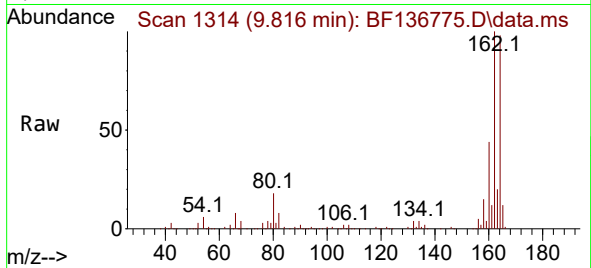




#57
2,4-Dinitrotoluene
Concen: 5.963 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

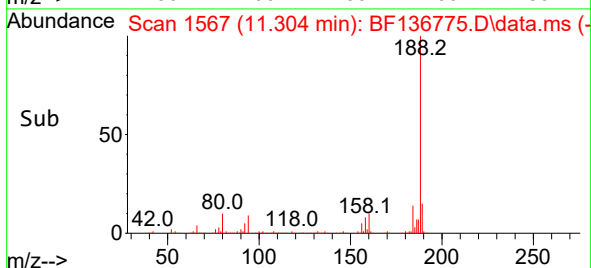
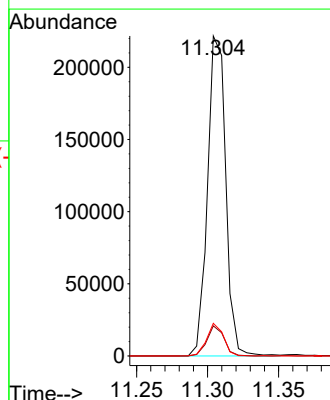
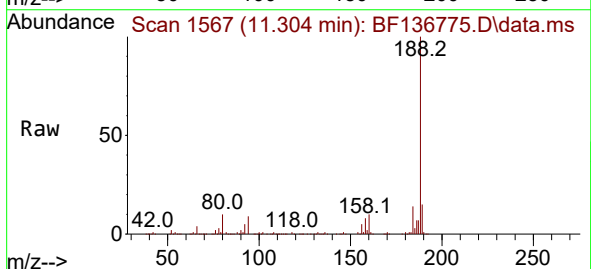
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

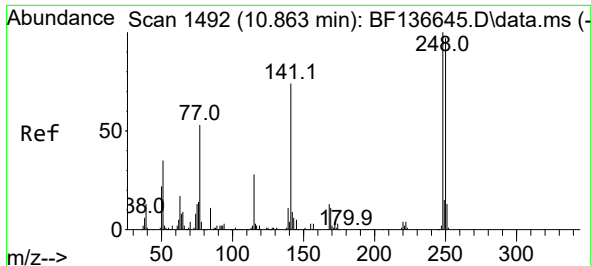
Tgt Ion:165 Resp: 15838
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.8 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

Tgt Ion:188 Resp: 198643
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.2 8.1 12.1

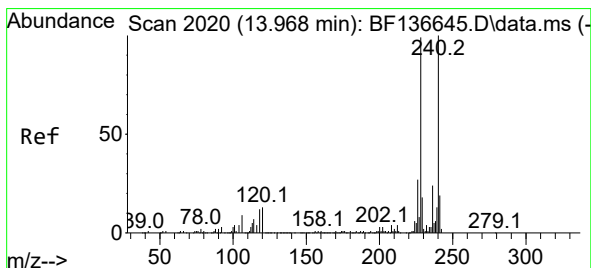
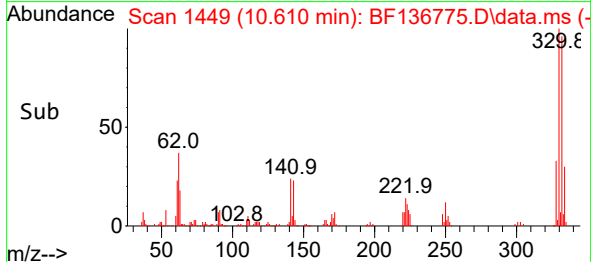
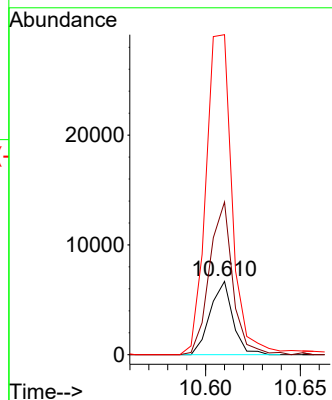
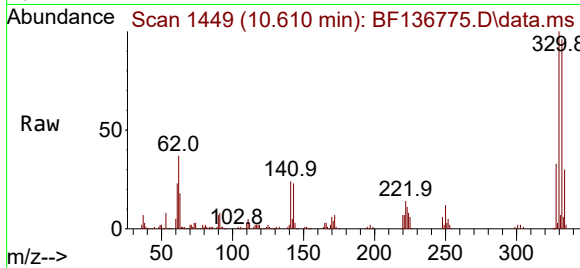




#67
4-Bromophenyl-phenylether
Concen: 2.527 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

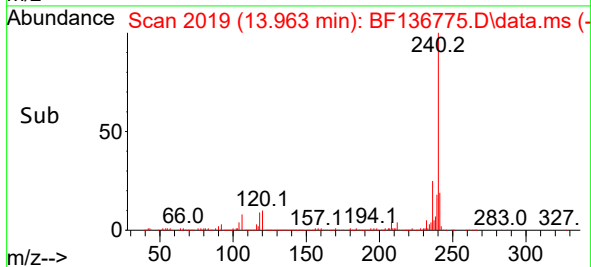
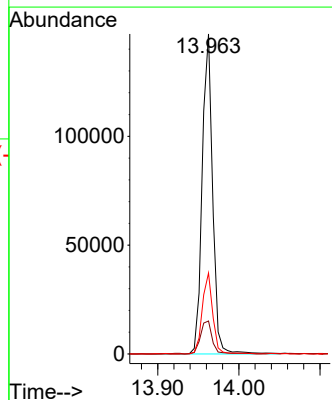
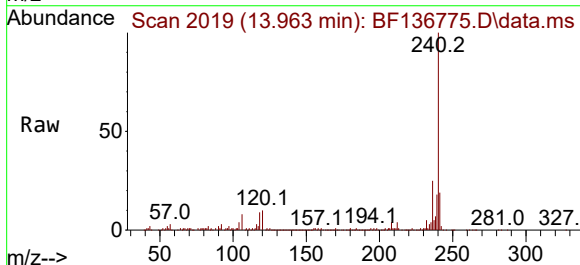
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

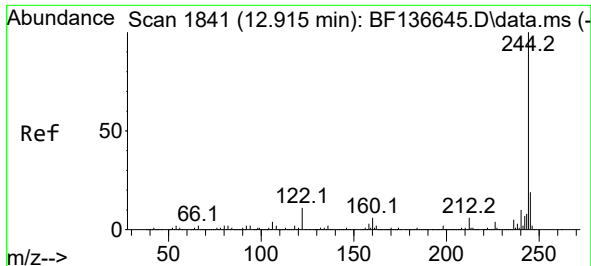
Tgt Ion:248 Resp: 5574
Ion Ratio Lower Upper
248 100
250 208.1 77.8 116.6#
141 436.4 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136775.D
Acq: 28 Dec 2023 00:03

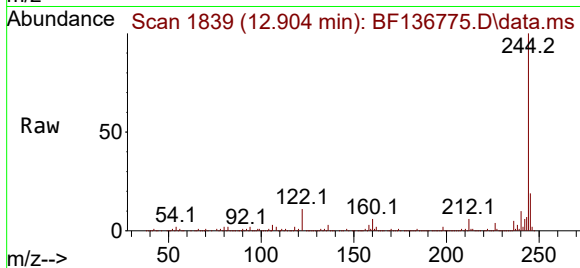
Tgt Ion:240 Resp: 131621
Ion Ratio Lower Upper
240 100
120 10.3 10.3 15.5#
236 25.3 19.4 29.2



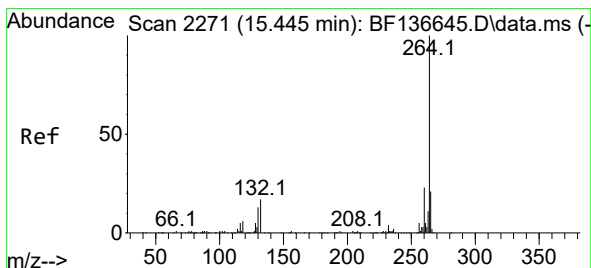
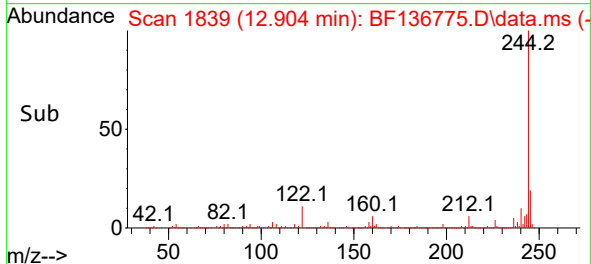
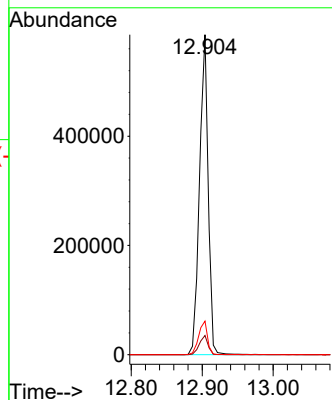


#79
 Terphenyl-d14
 Concen: 52.907 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136775.D
 Acq: 28 Dec 2023 00:03

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2



Tgt Ion:244 Resp: 498307
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136775.D
 Acq: 28 Dec 2023 00:03

Tgt Ion:264 Resp: 144799
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 22.2 17.0 25.6

