

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132837.D
 Acq On : 17 Mar 2023 23:00
 Operator : CG\JU
 Sample : 01954-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP2-0316

Quant Time: Mar 18 03:03:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

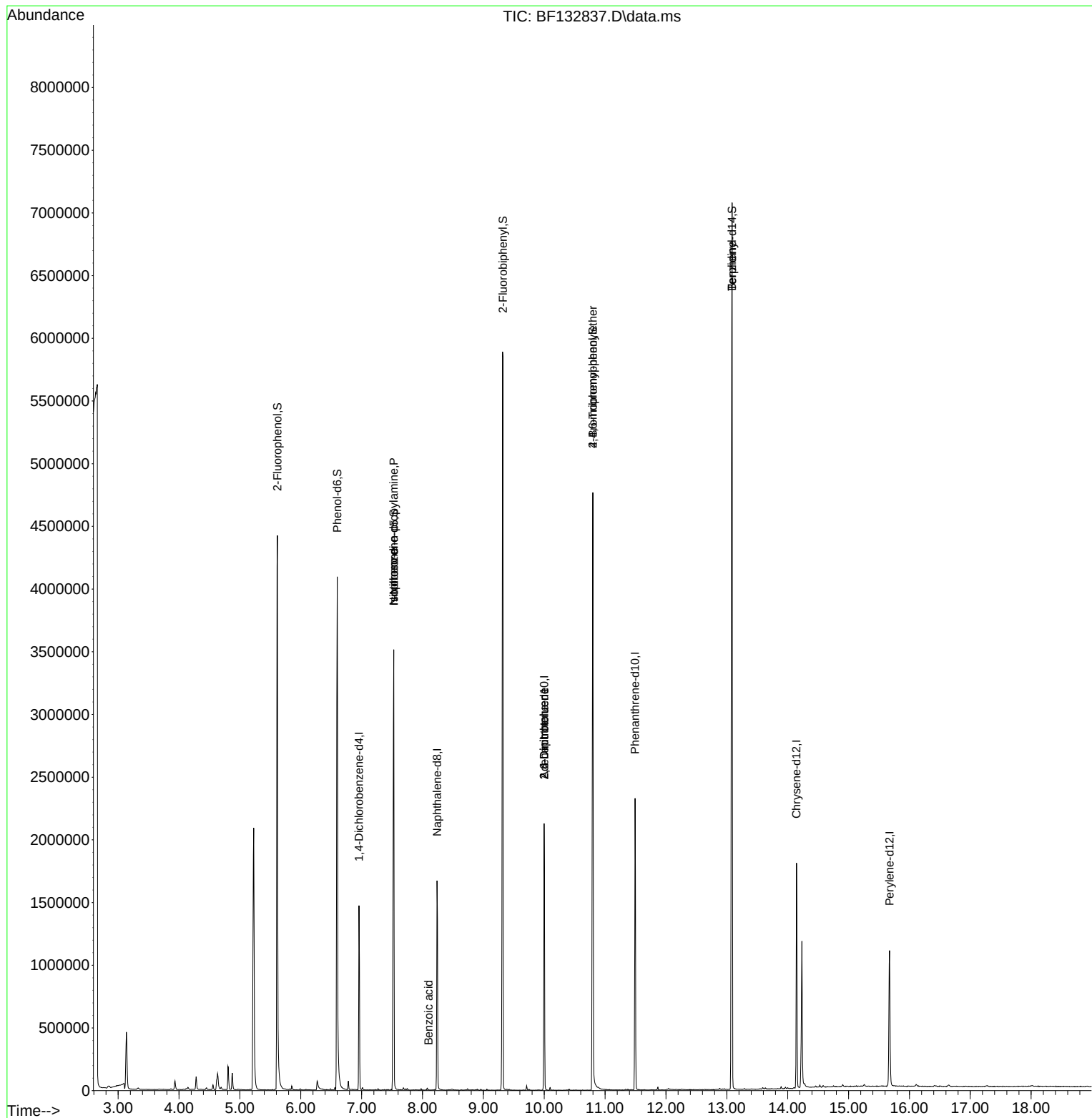
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	213534	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	762864	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	438278	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	872445	20.000	ng	0.00
76) Chrysene-d12	14.145	240	617139	20.000	ng	0.00
86) Perylene-d12	15.674	264	541303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1478700	116.851	ng	0.03
7) Phenol-d6	6.598	99	1764312	107.414	ng	0.00
23) Nitrobenzene-d5	7.528	82	1315055	88.218	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	655502	140.694	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2150383	80.597	ng	0.00
79) Terphenyl-d14	13.086	244	2888741	84.522	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	172036	18.357	ng	# 77
25) Isophorone	7.528	82	1315043	44.875	ng	# 66
32) Benzoic acid	8.098	122	118	10.483	ng	# 44
51) 2,6-Dinitrotoluene	9.998	165	57746	8.311	ng	# 27
57) 2,4-Dinitrotoluene	9.998	165	57746	6.506	ng	# 22
67) 4-Bromophenyl-phenylether	10.798	248	40914	4.056	ng	# 1
77) Benzidine	13.086	184	41397	10.771	ng	# 96

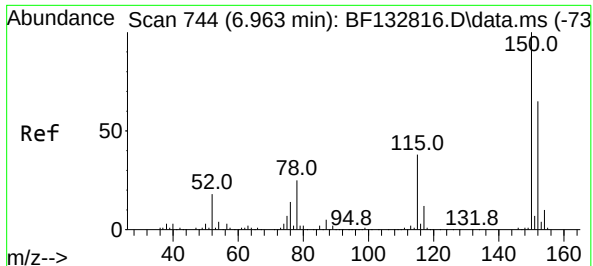
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
Data File : BF132837.D
Acq On : 17 Mar 2023 23:00
Operator : CG\JU
Sample : 01954-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

Quant Time: Mar 18 03:03:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:35:59 2023
Response via : Initial Calibration

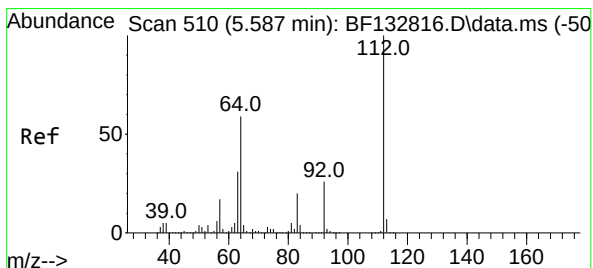
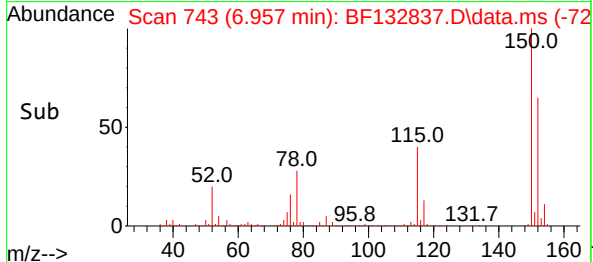
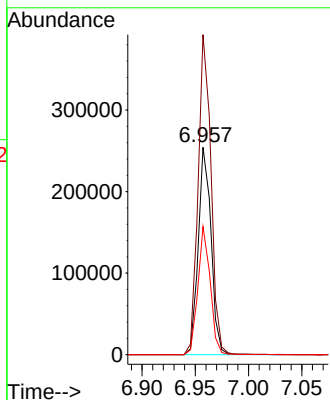
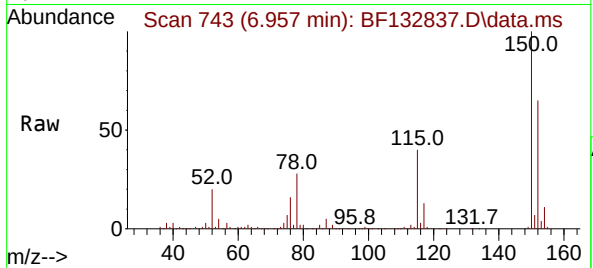




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

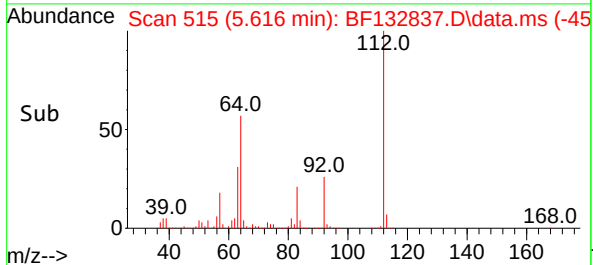
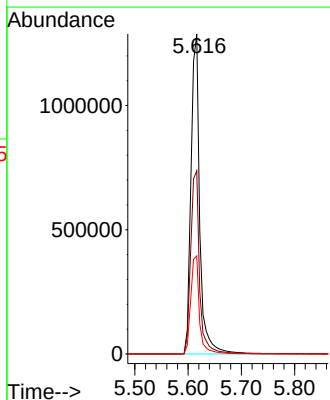
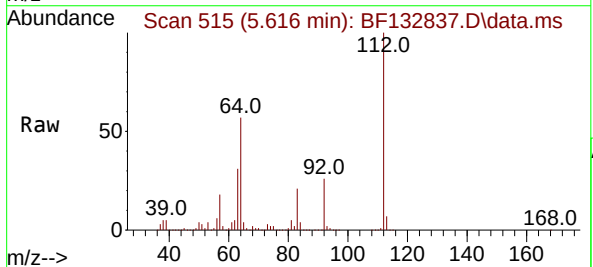
Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

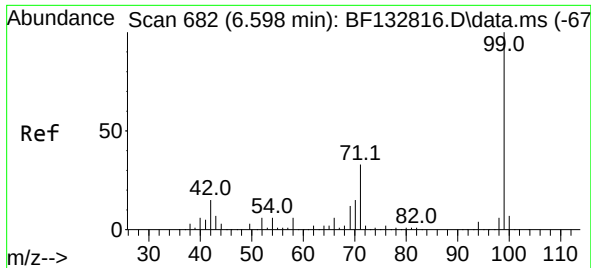
Tgt Ion:152 Resp: 213534
Ion Ratio Lower Upper
152 100
150 154.3 122.7 184.1
115 61.7 46.2 69.4



#5
2-Fluorophenol
Concen: 116.851 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.030 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

Tgt Ion:112 Resp: 1478700
Ion Ratio Lower Upper
112 100
64 57.3 47.1 70.7
63 30.7 24.4 36.6



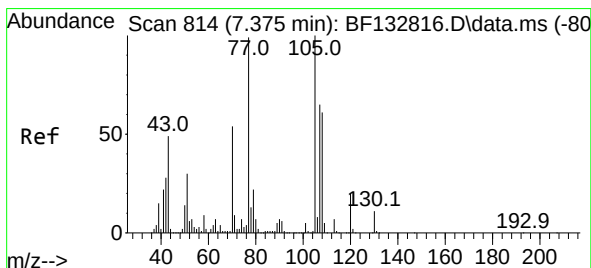
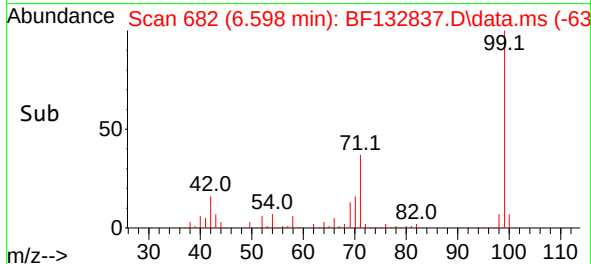
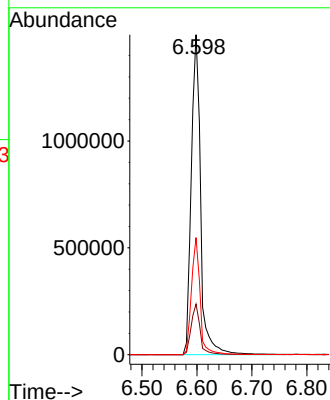
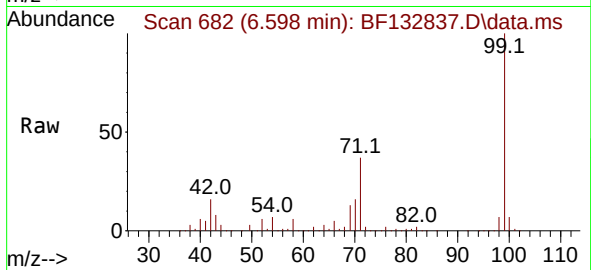


#7
Phenol-d6
Concen: 107.414 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

Tgt Ion: 99 Resp: 1764312

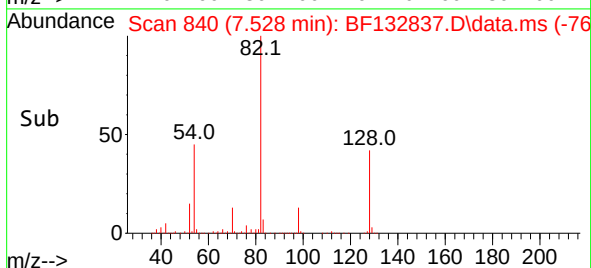
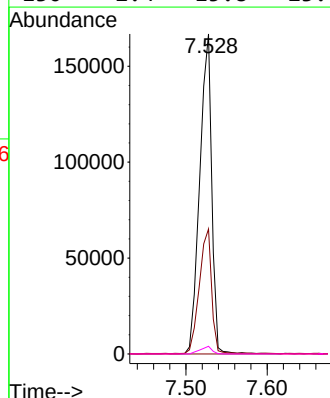
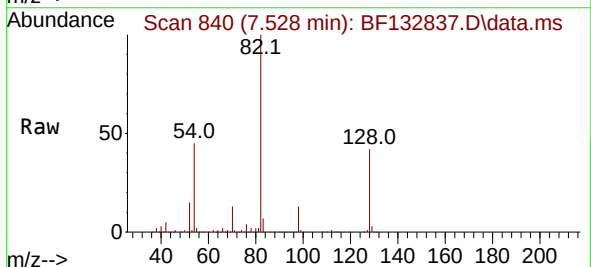
Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.9	17.9
71	36.6	26.3	39.5

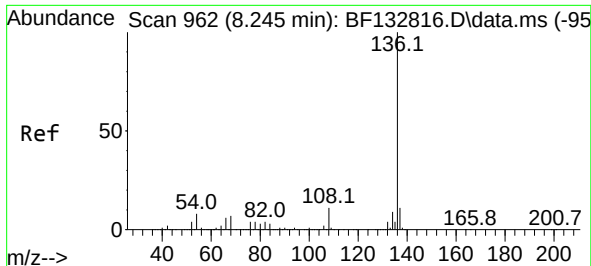


#19
n-Nitroso-di-n-propylamine
Concen: 18.357 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

Tgt Ion: 70 Resp: 172036

Ion	Ratio	Lower	Upper
70	100		
42	39.0	40.9	61.3#
101	0.0	7.8	11.6#
130	2.4	15.8	23.6#

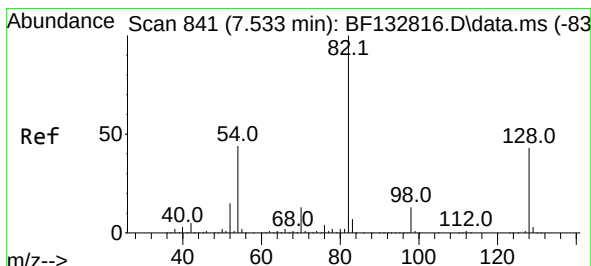
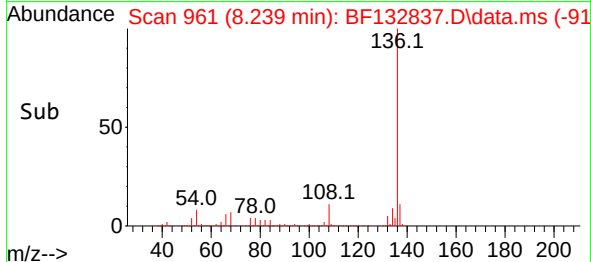
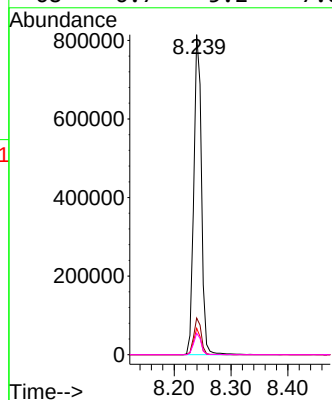
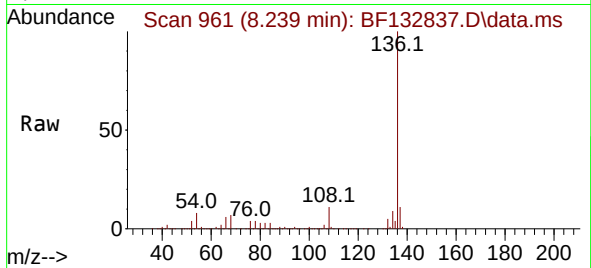




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

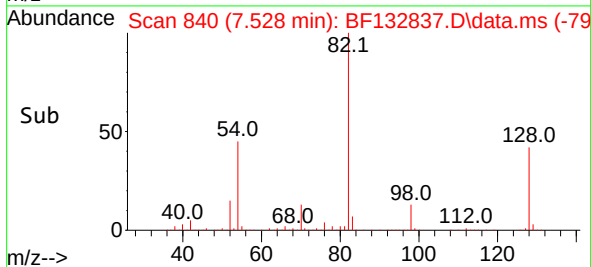
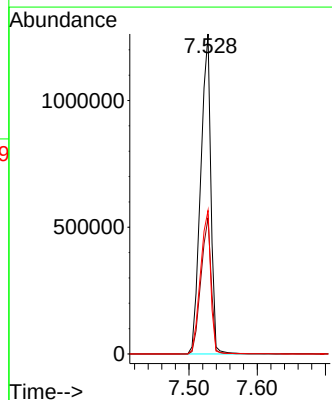
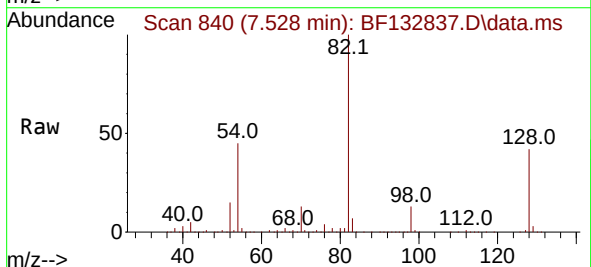
Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

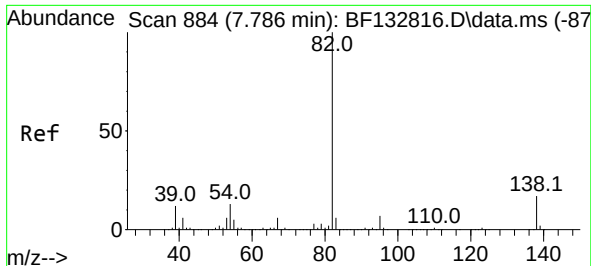
Tgt Ion:136 Resp: 762864
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 8.3 6.1 9.1
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 88.218 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

Tgt Ion: 82 Resp: 1315055
Ion Ratio Lower Upper
82 100
128 42.5 34.4 51.6
54 44.9 35.2 52.8

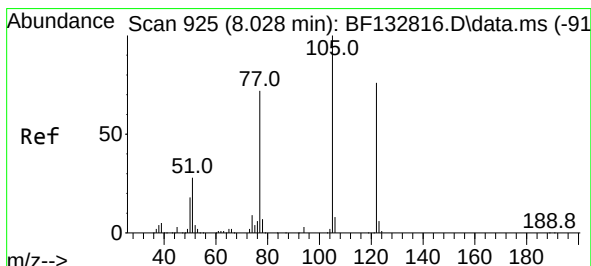
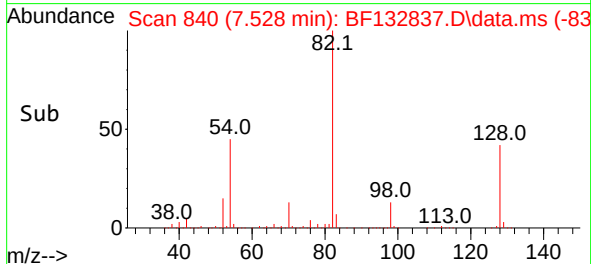
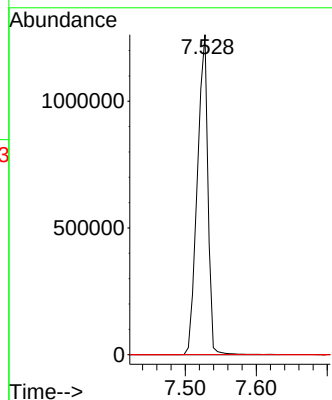
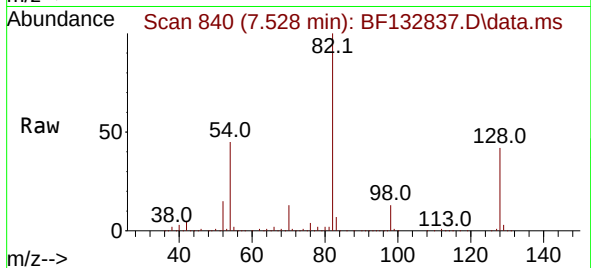




#25
Isophorone
Concen: 44.875 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

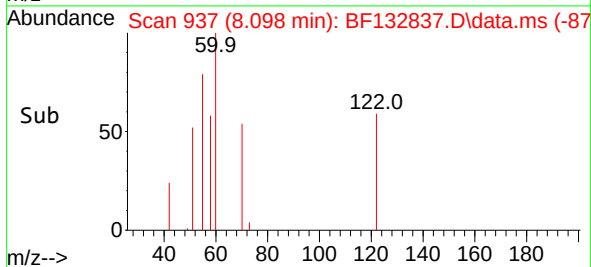
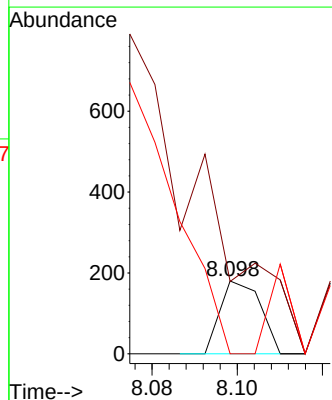
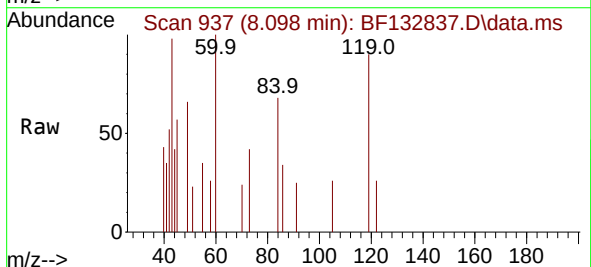
Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

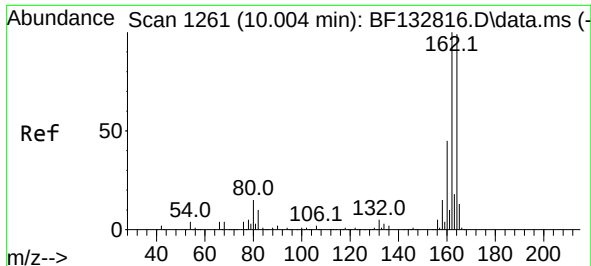
Tgt Ion: 82 Resp: 1315043
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.483 ng
RT: 8.098 min Scan# 937
Delta R.T. 0.070 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 99.4 110.8 150.8#
77 0.0 74.2 114.2#

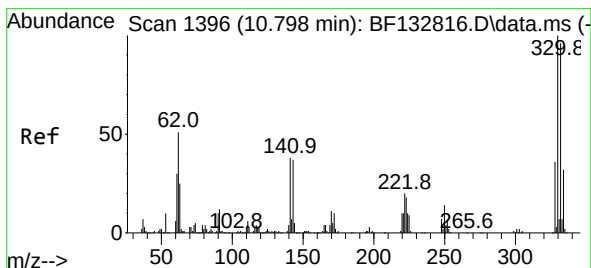
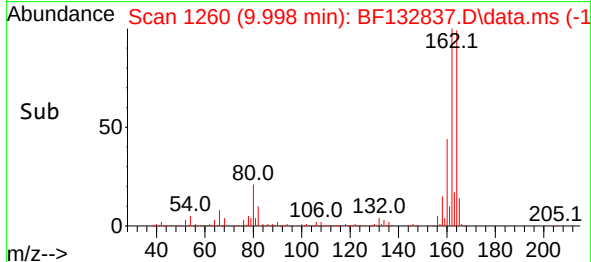
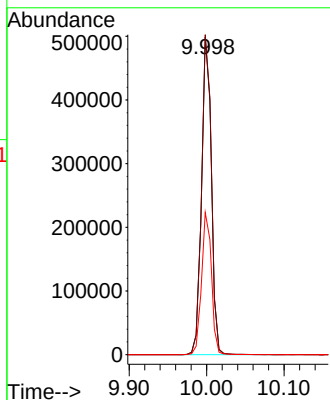
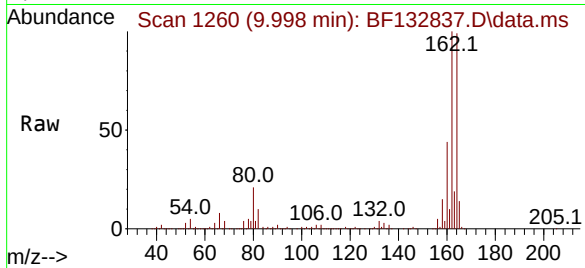




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

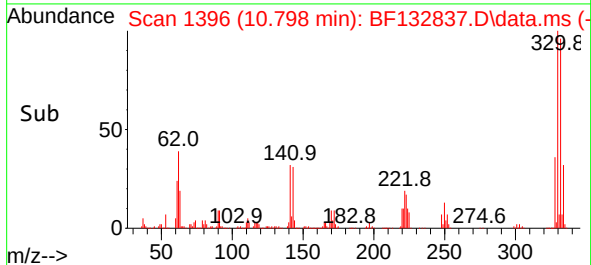
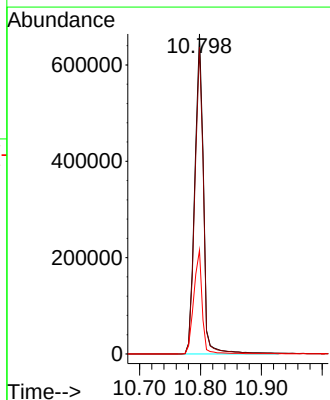
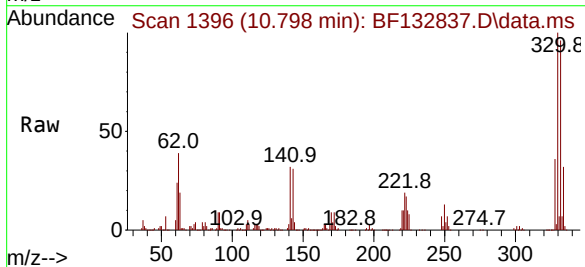
Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

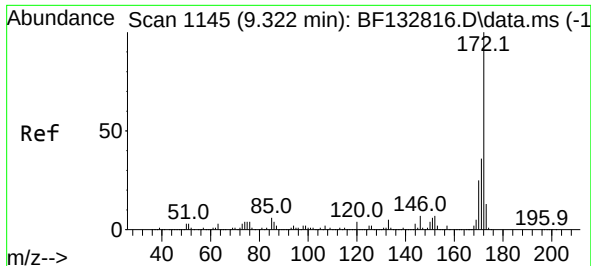
Tgt Ion:164 Resp: 438278
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 44.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 140.694 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

Tgt Ion:330 Resp: 655502
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 31.8 26.7 40.1

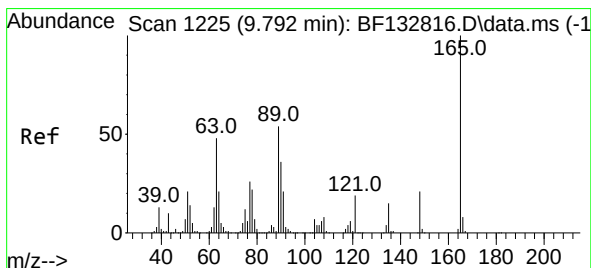
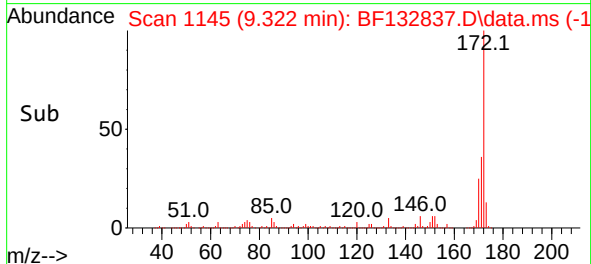
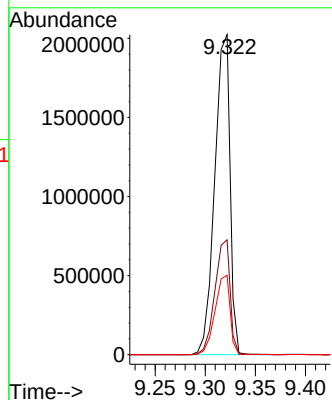
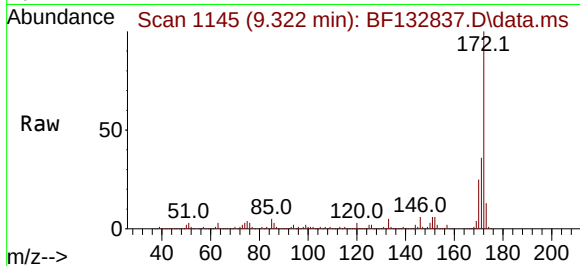




#45
2-Fluorobiphenyl
Concen: 80.597 ng
RT: 9.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

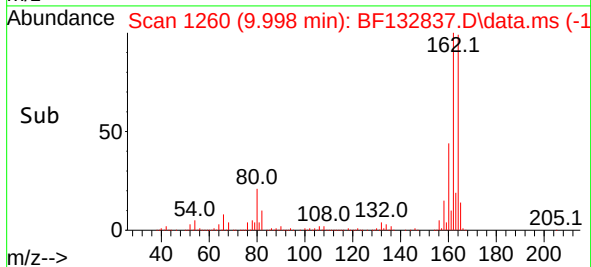
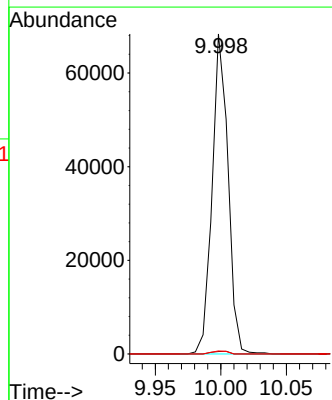
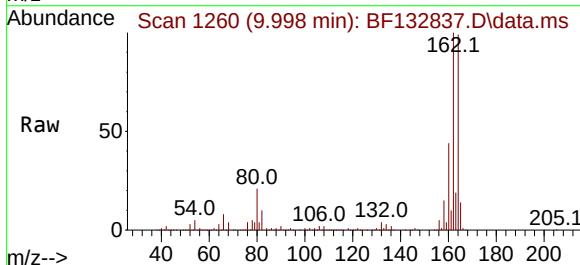
Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

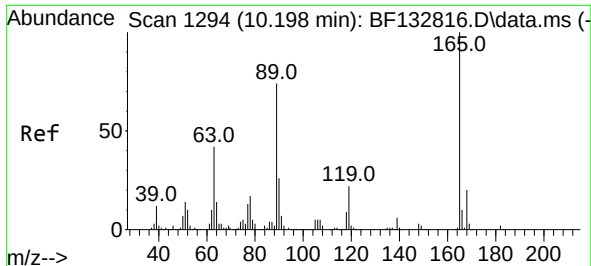
Tgt Ion:172 Resp: 2150383
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.8 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 8.311 ng
RT: 9.998 min Scan# 1260
Delta R.T. 0.206 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

Tgt Ion:165 Resp: 57746
Ion Ratio Lower Upper
165 100
63 0.7 39.1 58.7#
89 1.0 43.5 65.3#

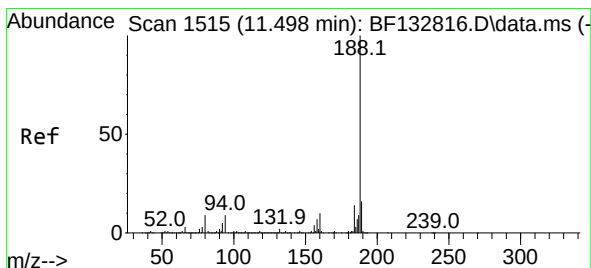
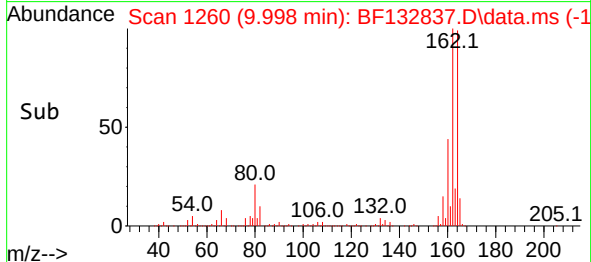
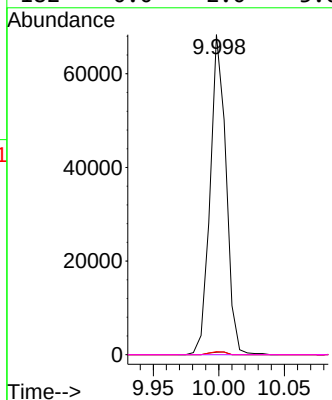
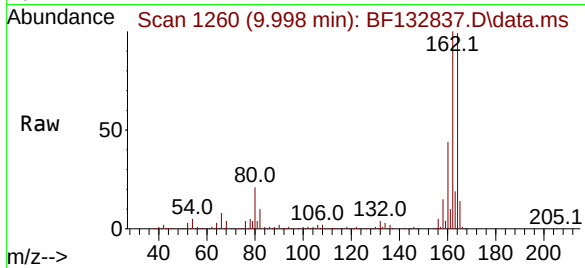




#57
2,4-Dinitrotoluene
Concen: 6.506 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

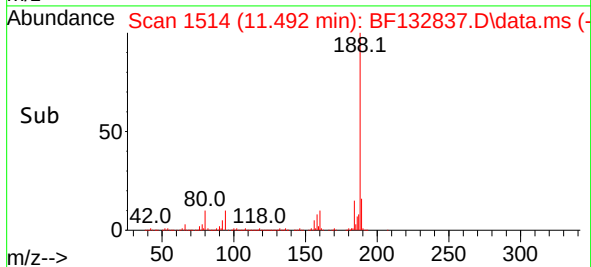
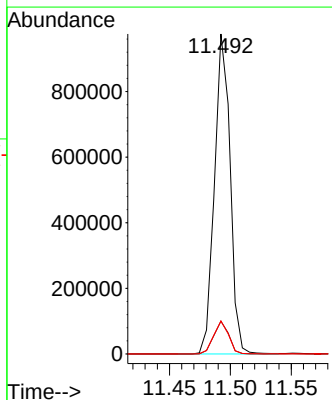
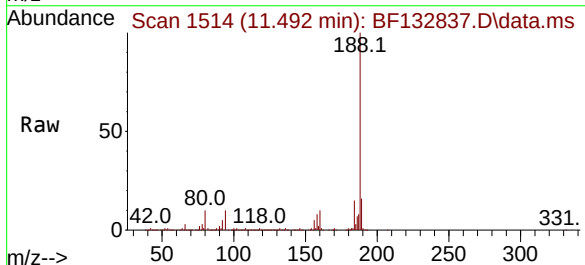
Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

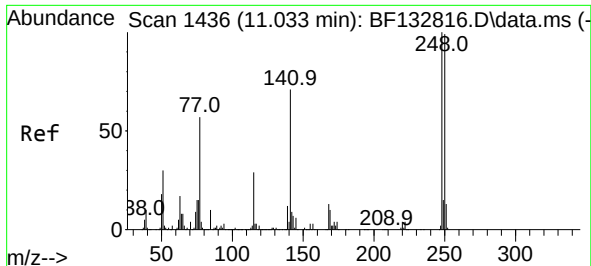
Tgt Ion:165 Resp: 57746
Ion Ratio Lower Upper
165 100
63 0.7 34.4 51.6#
89 1.0 59.5 89.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

Tgt Ion:188 Resp: 872445
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 10.3 7.5 11.3

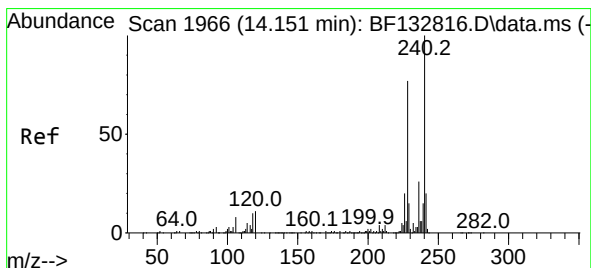
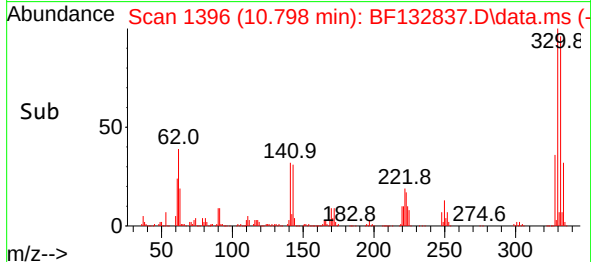
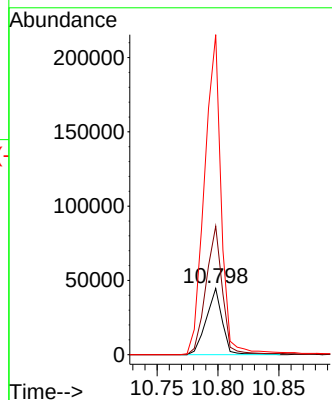
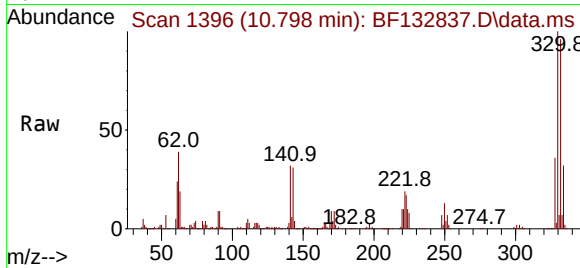




#67
4-Bromophenyl-phenylether
Concen: 4.056 ng
RT: 10.798 min Scan# 1396
Delta R.T. -0.235 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

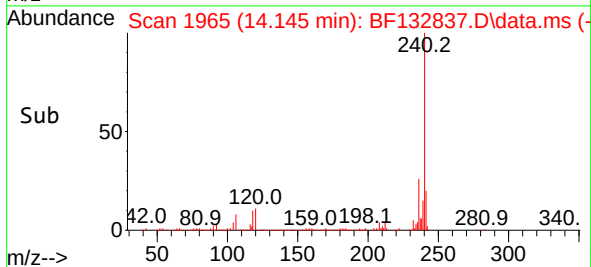
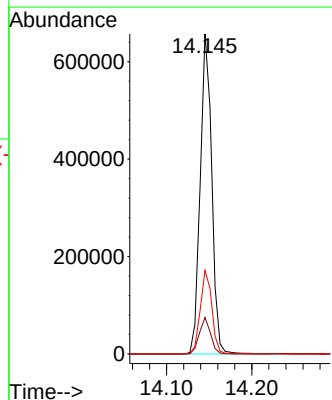
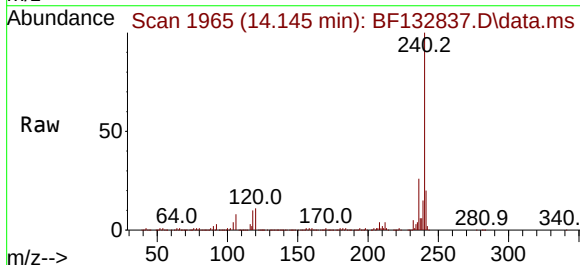
Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

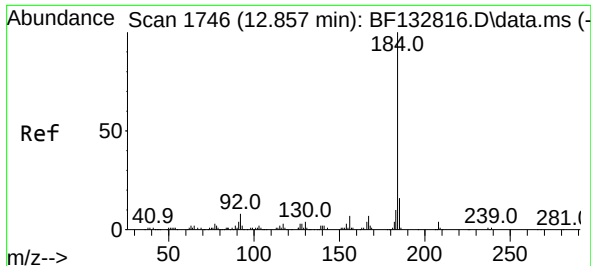
Tgt Ion:248 Resp: 40914
Ion Ratio Lower Upper
248 100
250 194.0 79.1 118.7#
141 482.9 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

Tgt Ion:240 Resp: 617139
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 26.1 21.2 31.8

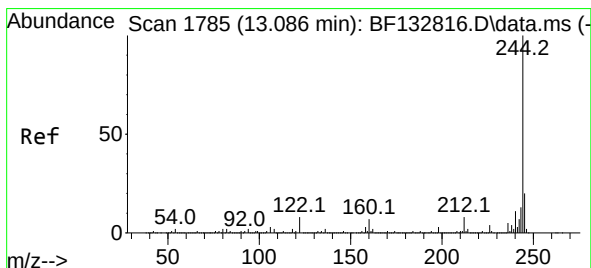
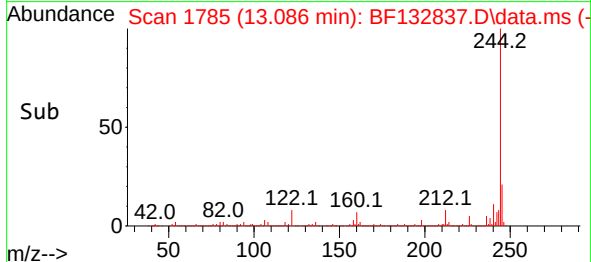
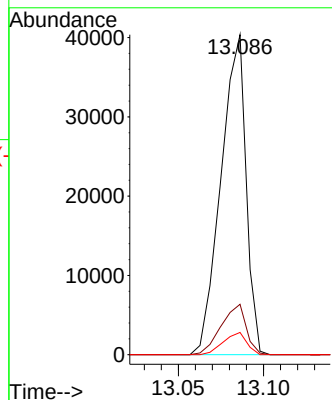
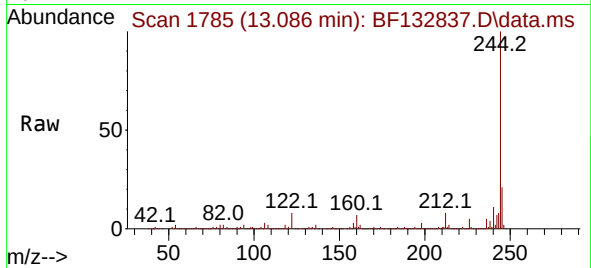




#77
Benzidine
Concen: 10.771 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.230 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

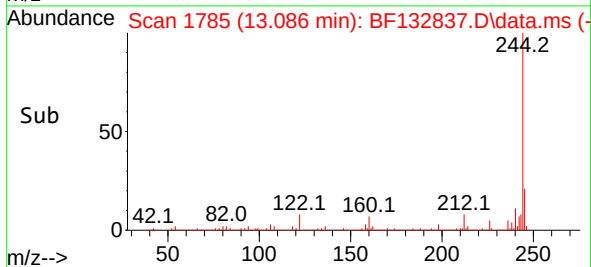
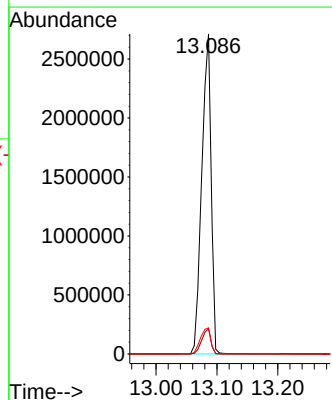
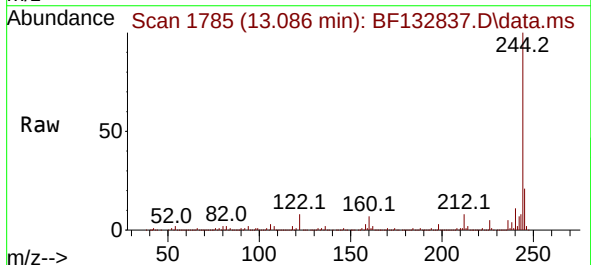
Instrument :
BNA_F
ClientSampleId :
SV-TP2-0316

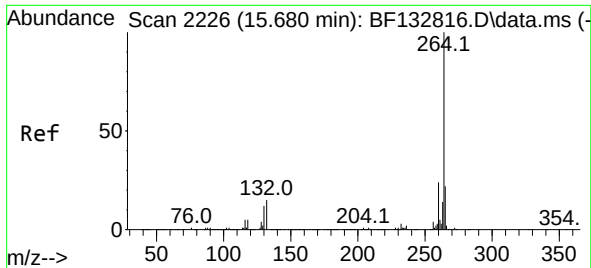
Tgt Ion:184 Resp: 41397
Ion Ratio Lower Upper
184 100
185 15.8 12.6 19.0
183 6.9 8.2 12.4#



#79
Terphenyl-d14
Concen: 84.522 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132837.D
Acq: 17 Mar 2023 23:00

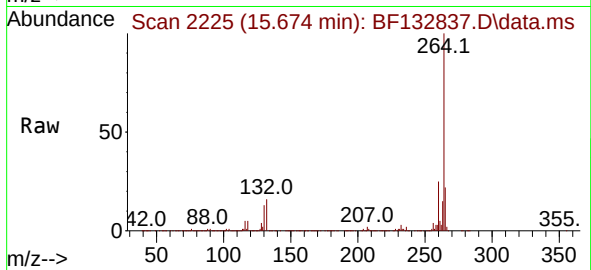
Tgt Ion:244 Resp: 2888741
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.2 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132837.D
 Acq: 17 Mar 2023 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP2-0316



Tgt Ion:264 Resp: 541303
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.9 28.3
 265 21.5 17.4 26.0

