

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132597.D
 Acq On : 01 Mar 2023 18:19
 Operator : CG\JU
 Sample : 01739-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3-COMP-3

Quant Time: Mar 02 03:19:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

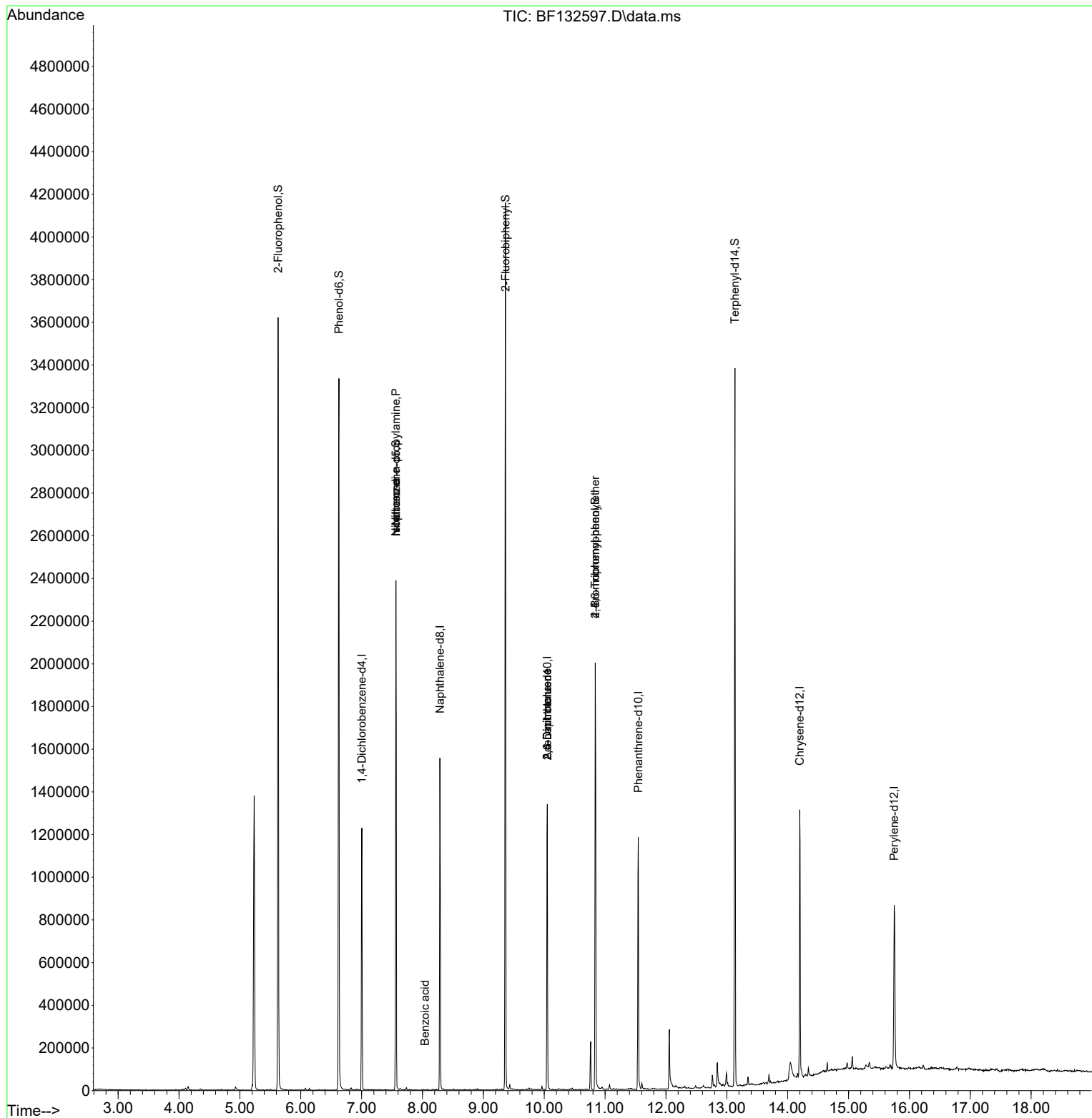
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	176801	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	593257	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	268576	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	438521	20.000	ng	0.00
76) Chrysene-d12	14.198	240	424108	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	385121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1000555	91.847	ng	0.00
7) Phenol-d6	6.628	99	1213656	85.365	ng	0.00
23) Nitrobenzene-d5	7.563	82	757556	60.584	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	225262	77.663	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1153463	65.394	ng	0.00
79) Terphenyl-d14	13.133	244	1152091	45.929	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.563	70	98476	11.255	ng	# 76
25) Isophorone	7.563	82	757484	31.597	ng	# 67
32) Benzoic acid	8.039	122	57	3.843	ng	# 34
51) 2,6-Dinitrotoluene	10.051	165	35829	8.045	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	35829	6.047	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	14934	3.011	ng	# 1

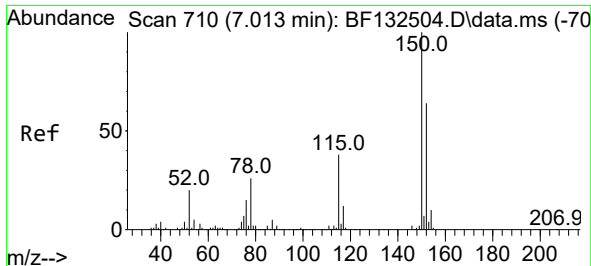
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-COMP-3

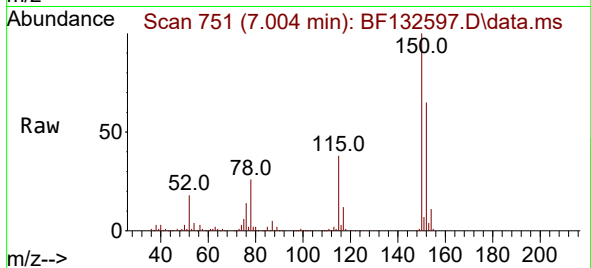
Quant Time: Mar 02 03:19:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration



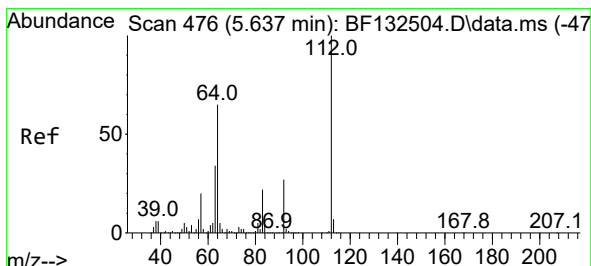
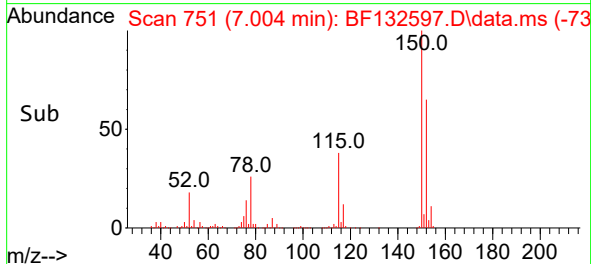
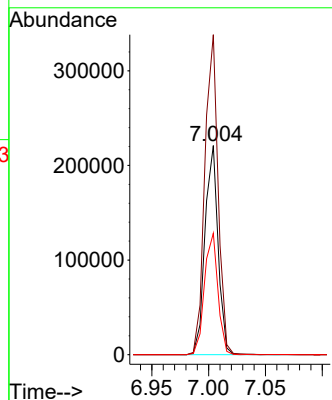


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-COMP-3

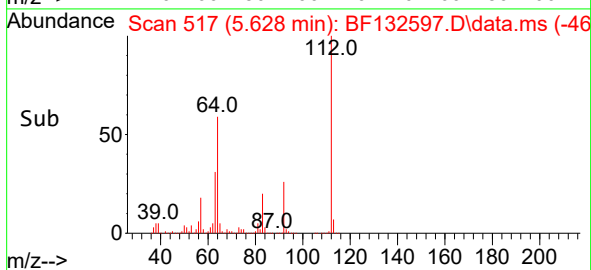
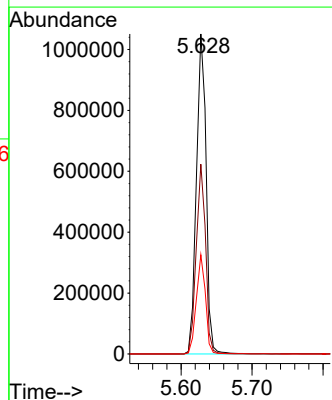
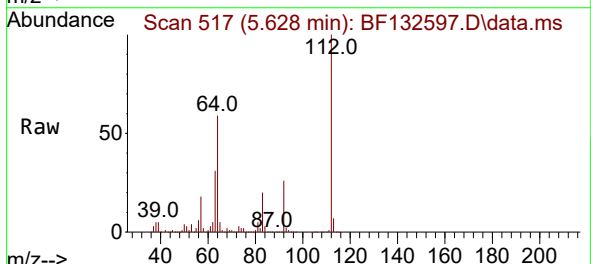


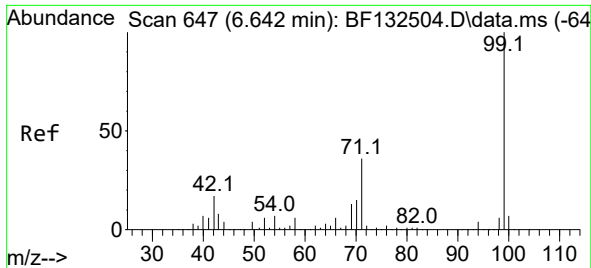
Tgt Ion:152 Resp: 176801
Ion Ratio Lower Upper
152 100
150 153.0 125.4 188.2
115 58.1 47.8 71.6



#5
2-Fluorophenol
Concen: 91.847 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

Tgt Ion:112 Resp: 1000555
Ion Ratio Lower Upper
112 100
64 59.3 51.6 77.4
63 31.0 27.4 41.2

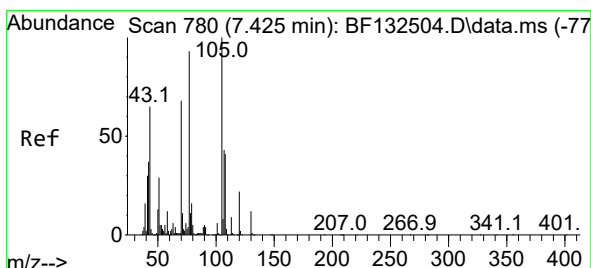
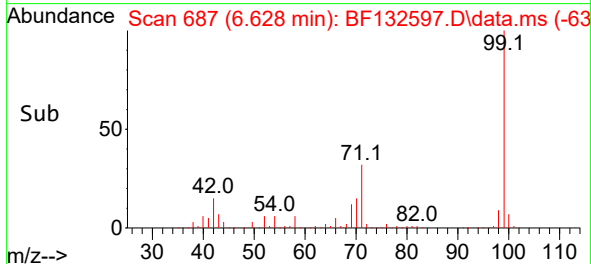
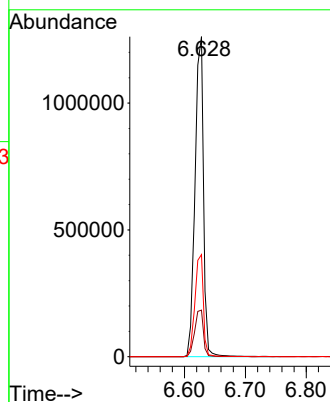
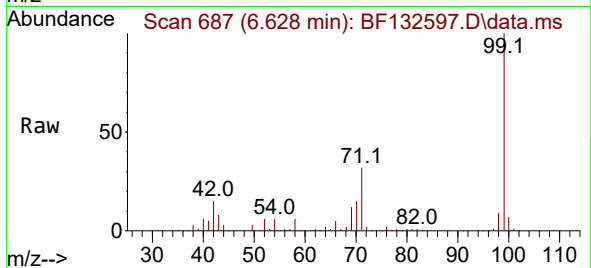




#7
Phenol-d6
Concen: 85.365 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

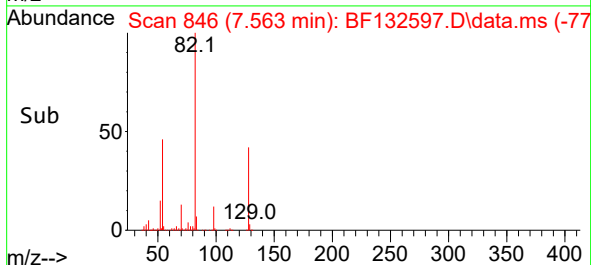
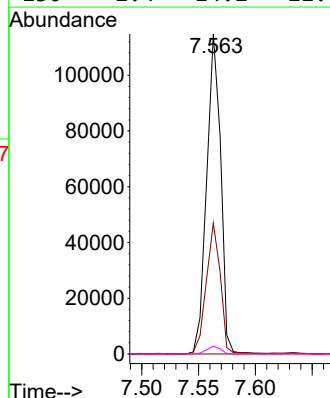
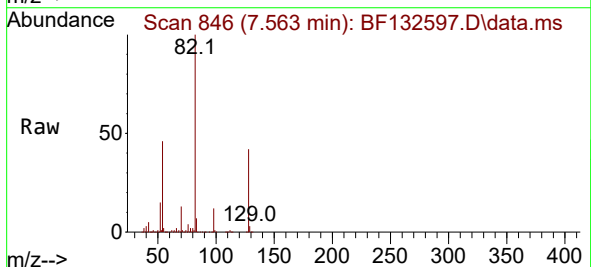
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-COMP-3

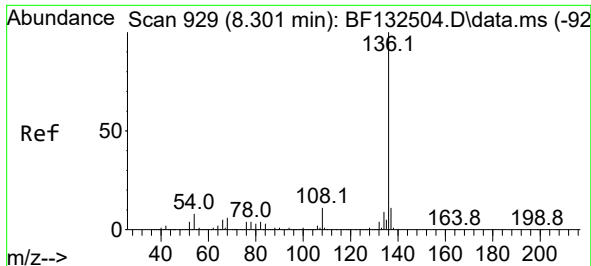
Tgt Ion: 99 Resp: 1213656
Ion Ratio Lower Upper
99 100
42 14.5 13.9 20.9
71 31.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.255 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

Tgt Ion: 70 Resp: 98476
Ion Ratio Lower Upper
70 100
42 40.9 44.1 66.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#

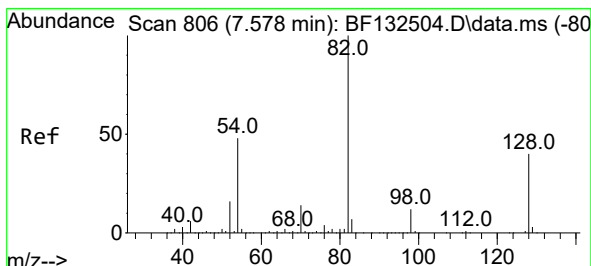
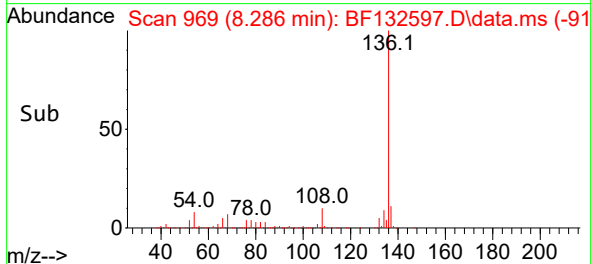
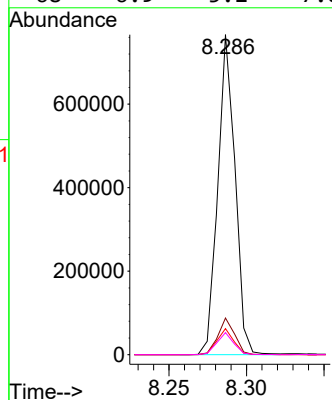
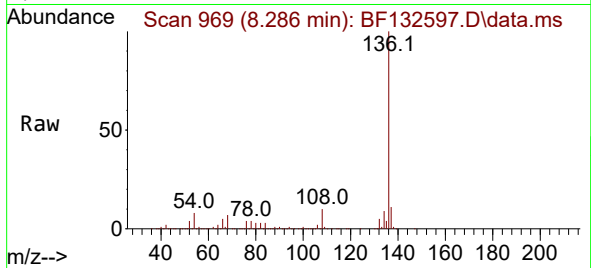




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

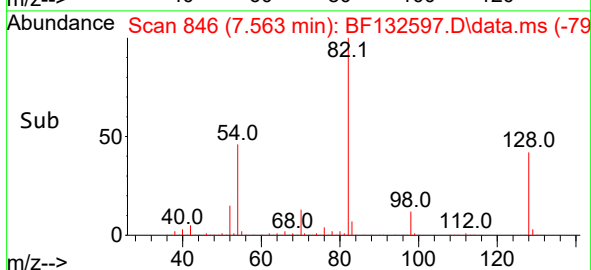
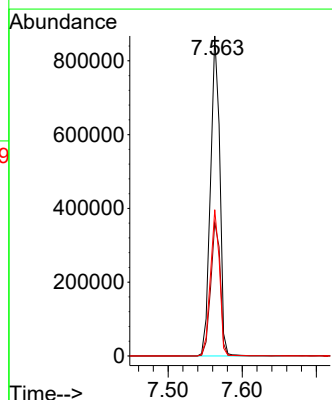
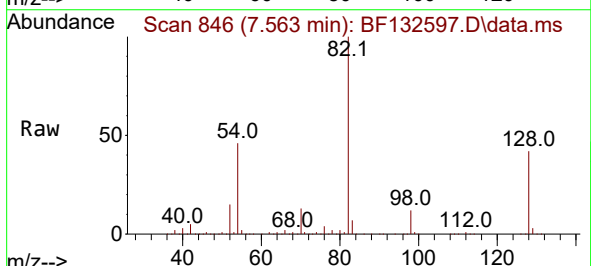
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-COMP-3

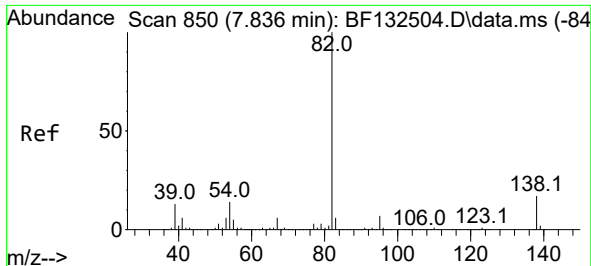
Tgt Ion:136 Resp: 593257
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.2 6.2 9.4
68 6.9 5.2 7.8



#23
Nitrobenzene-d5
Concen: 60.584 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

Tgt Ion: 82 Resp: 757556
Ion Ratio Lower Upper
82 100
128 41.7 32.2 48.2
54 45.7 38.4 57.6

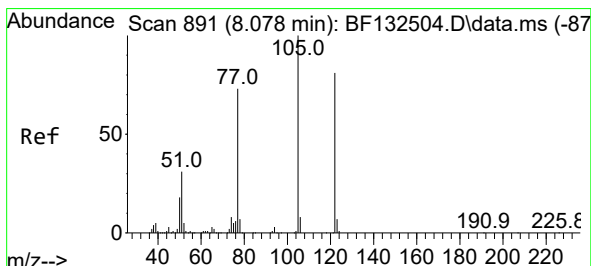
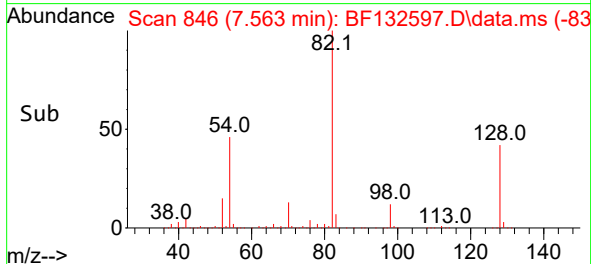
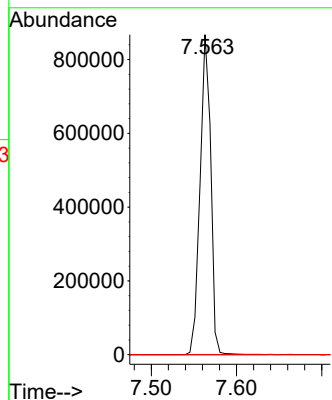
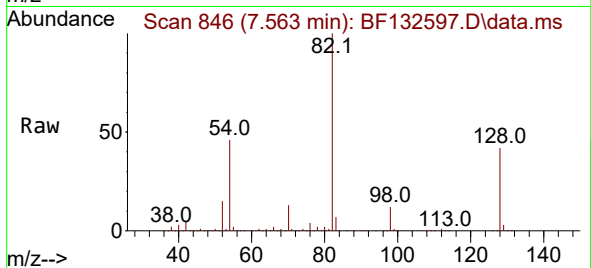




#25
Isophorone
Concen: 31.597 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

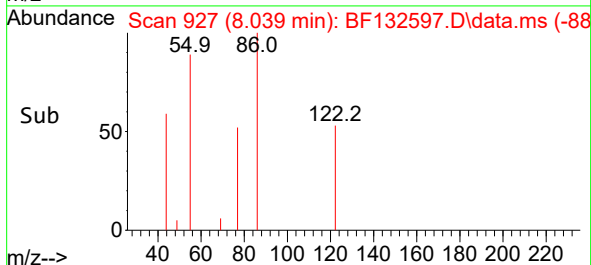
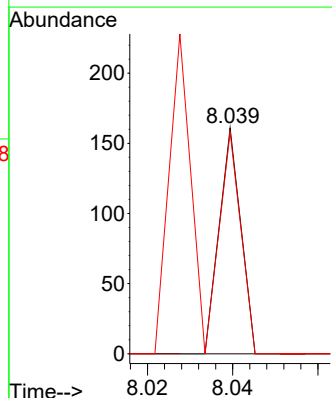
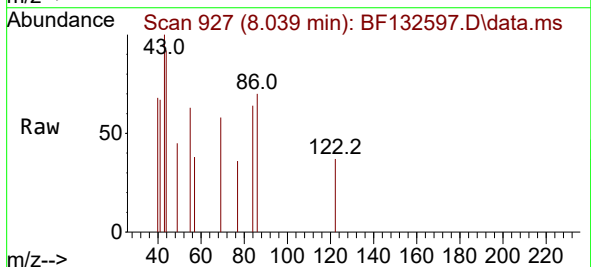
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-COMP-3

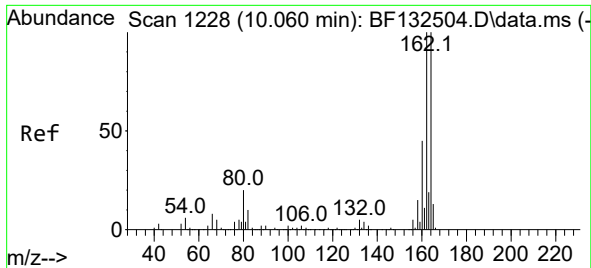
Tgt Ion: 82 Resp: 757484
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.843 ng
RT: 8.039 min Scan# 927
Delta R.T. -0.026 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 98.1 70.2 110.2

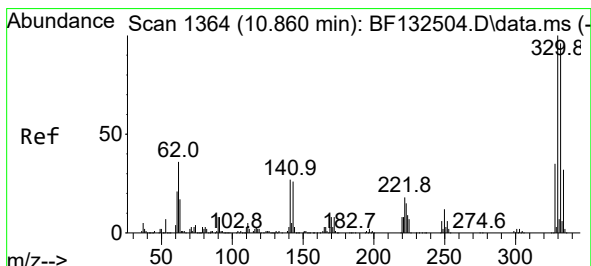
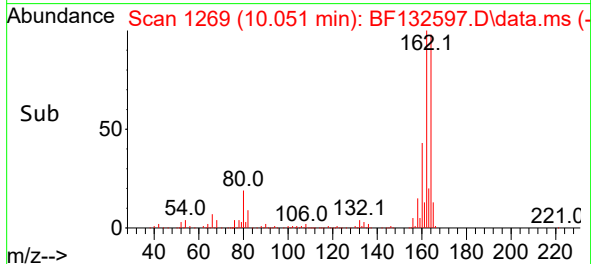
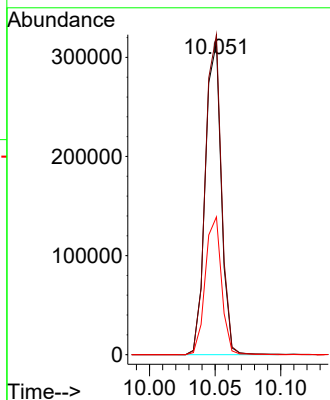
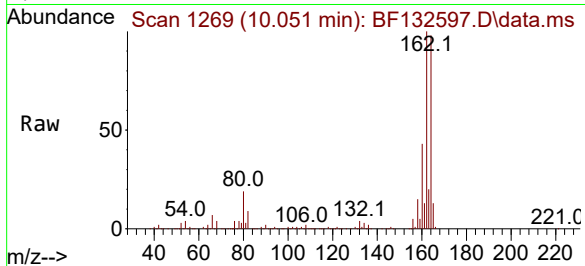




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1
Delta R.T. -0.003 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

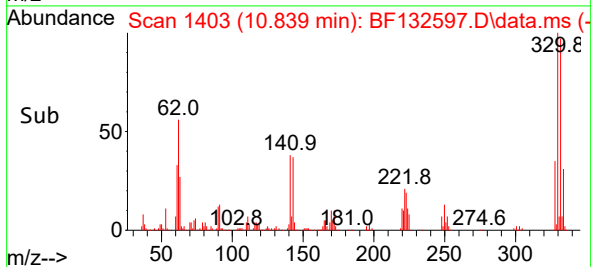
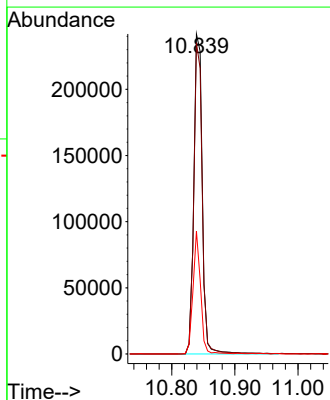
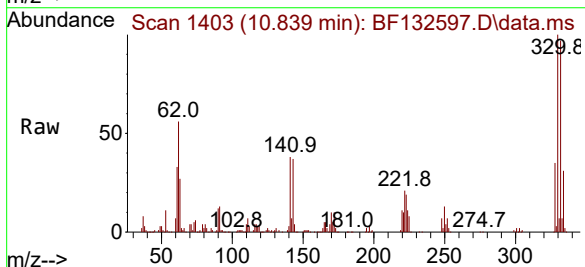
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-COMP-3

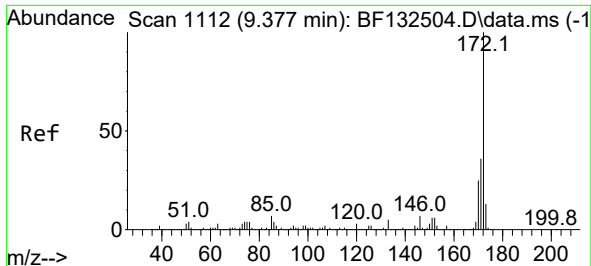
Tgt Ion:164 Resp: 268576
Ion Ratio Lower Upper
164 100
162 102.5 79.8 119.8
160 44.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 77.663 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

Tgt Ion:330 Resp: 225262
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 34.3 28.4 42.6

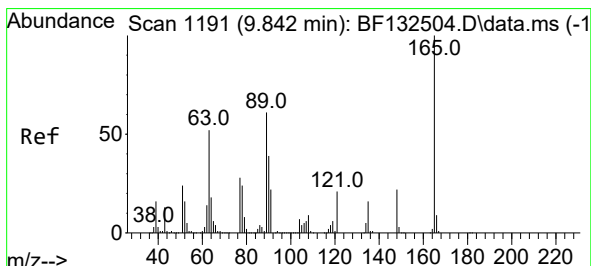
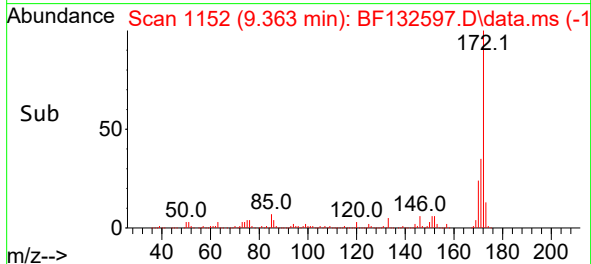
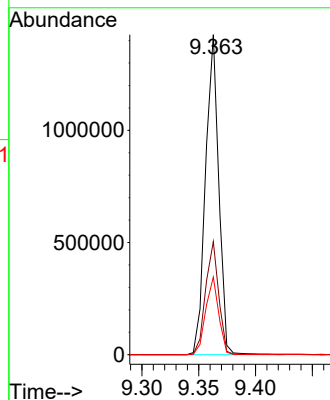
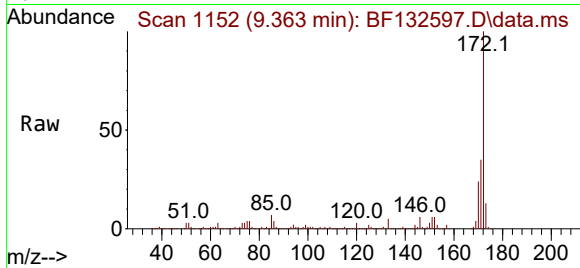




#45
2-Fluorobiphenyl
Concen: 65.394 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

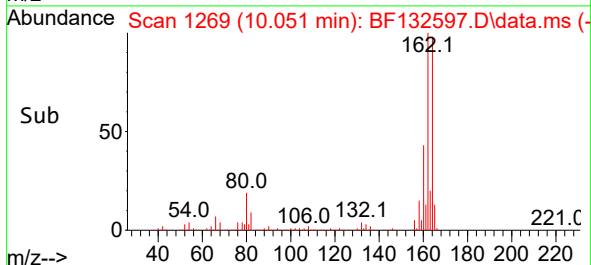
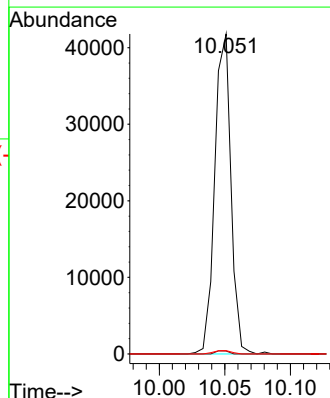
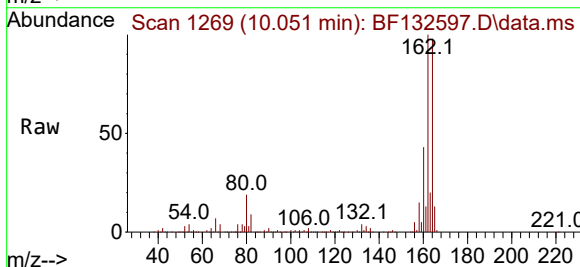
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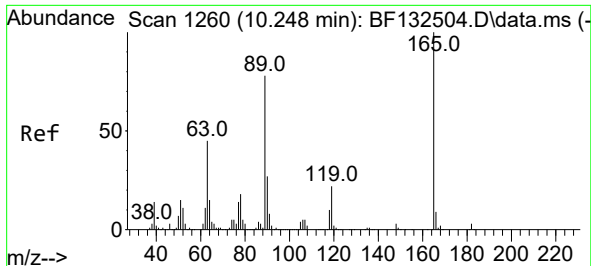
Tgt Ion:172 Resp: 1153463
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.045 ng
RT: 10.051 min Scan# 1269
Delta R.T. 0.215 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

Tgt Ion:165 Resp: 35829
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.1 48.9 73.3#

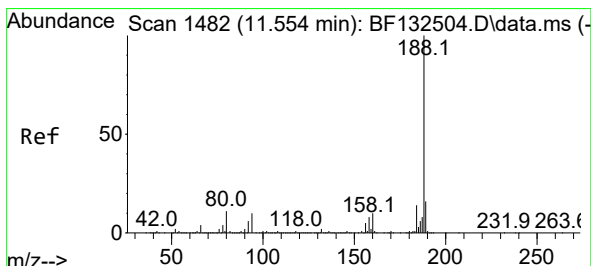
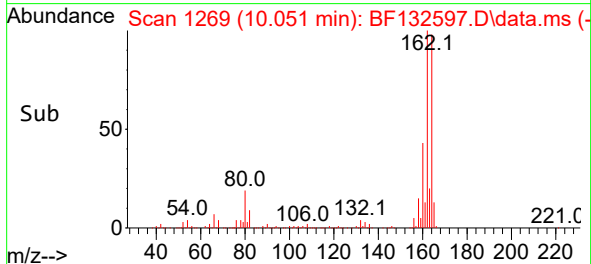
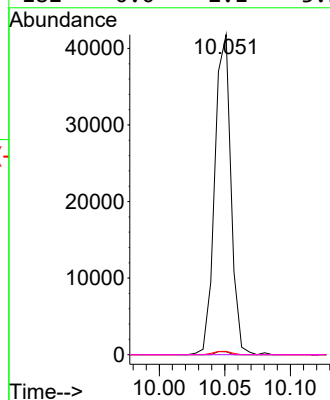
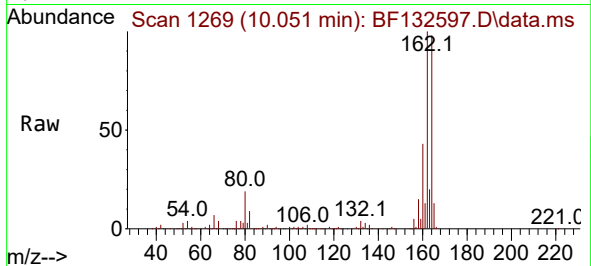




#57
2,4-Dinitrotoluene
Concen: 6.047 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

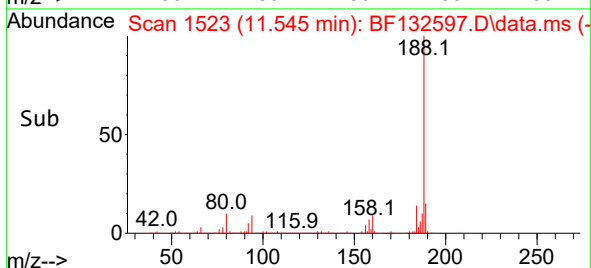
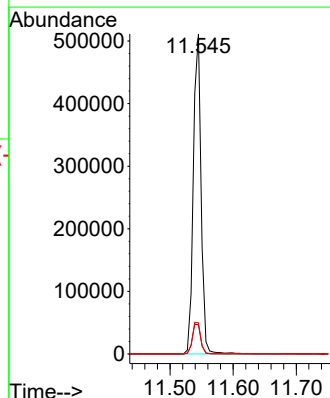
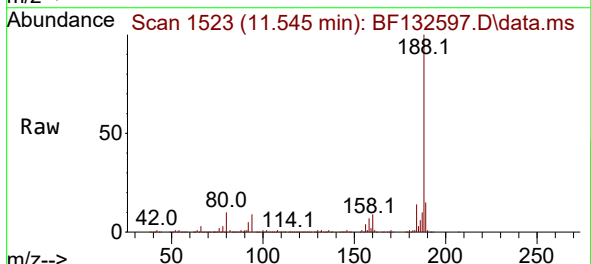
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-COMP-3

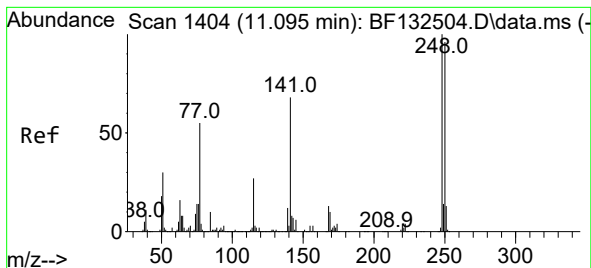
Tgt Ion:165 Resp: 35829
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

Tgt Ion:188 Resp: 438521
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.8 8.7 13.1

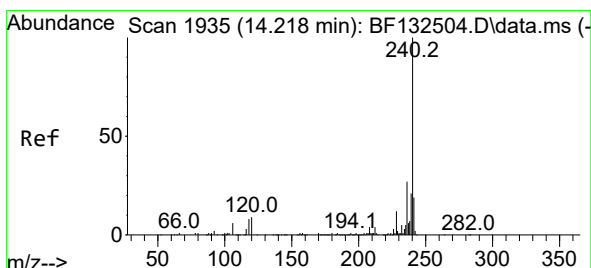
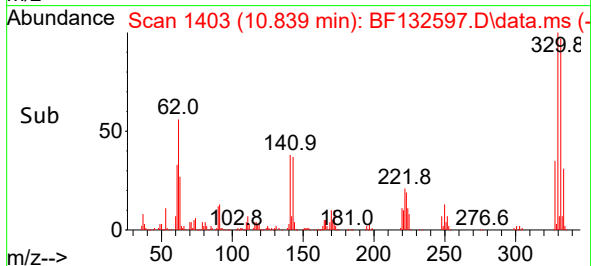
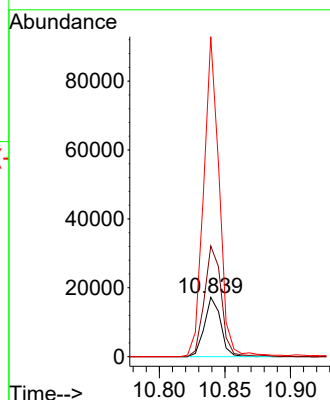
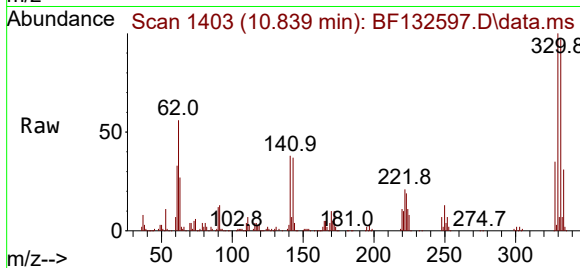




#67
4-Bromophenyl-phenylether
Concen: 3.011 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.250 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

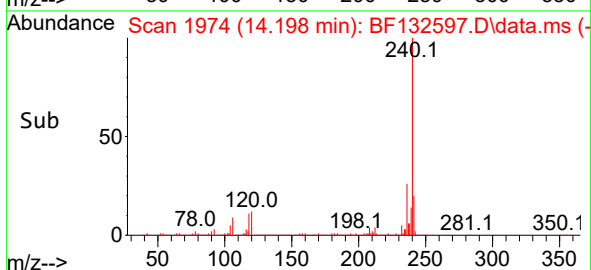
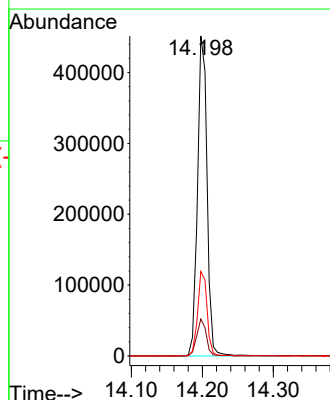
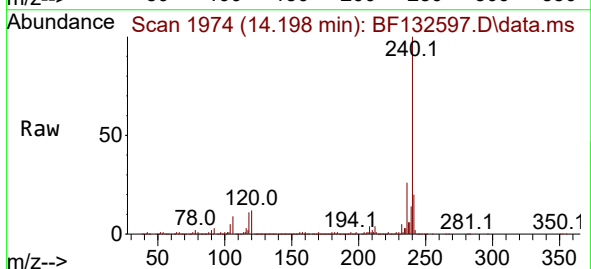
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-COMP-3

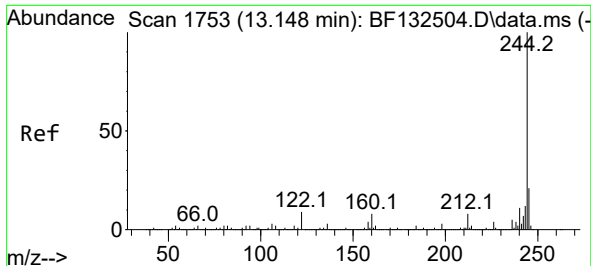
Tgt Ion:248 Resp: 14934
Ion Ratio Lower Upper
248 100
250 186.6 77.0 115.4#
141 539.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132597.D
Acq: 01 Mar 2023 18:19

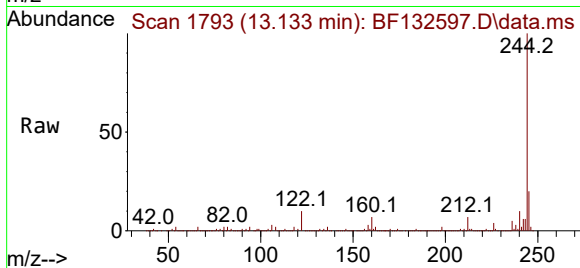
Tgt Ion:240 Resp: 424108
Ion Ratio Lower Upper
240 100
120 11.6 7.2 10.8#
236 26.4 21.8 32.6



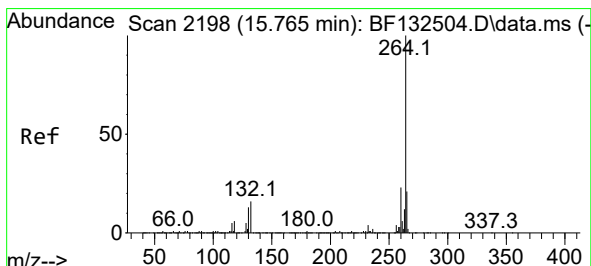
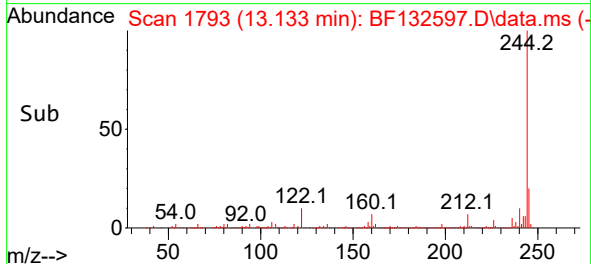
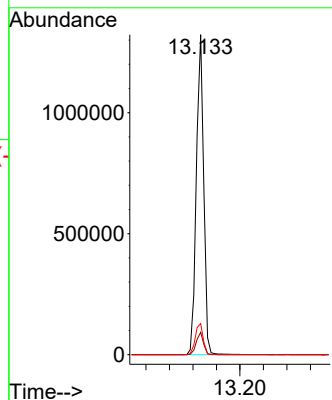


#79
 Terphenyl-d14
 Concen: 45.929 ng
 RT: 13.133 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BF132597.D
 Acq: 01 Mar 2023 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3-COMP-3



Tgt Ion:244 Resp: 1152091
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 9.7 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BF132597.D
 Acq: 01 Mar 2023 18:19

Tgt Ion:264 Resp: 385121
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.0 17.1 25.7

