

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132663.D
 Acq On : 06 Mar 2023 22:52
 Operator : CG\JU
 Sample : 01798-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11966

Quant Time: Mar 07 01:00:14 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)

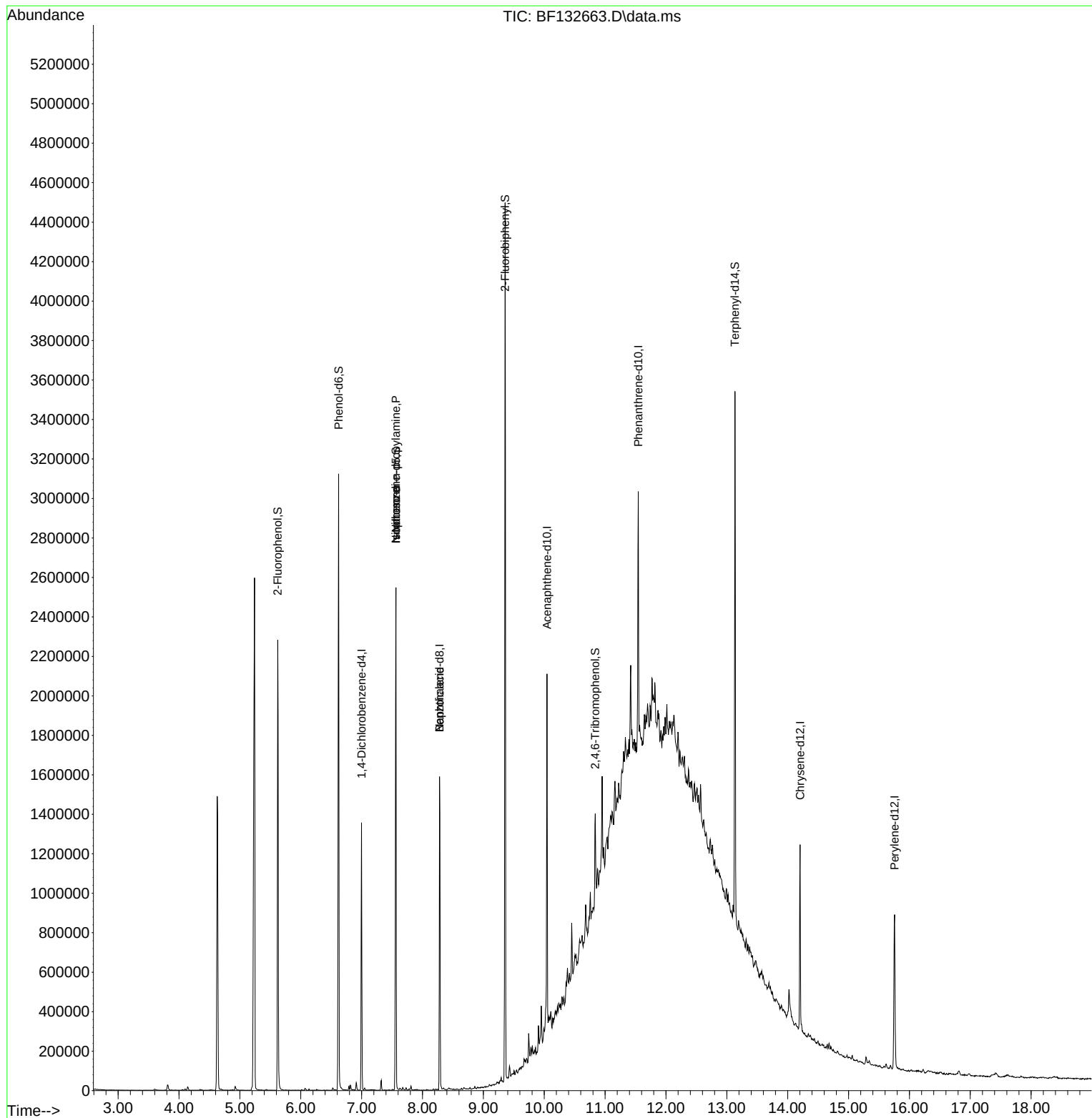
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	189824	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	686897	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	332792	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	476070	20.000	ng	0.00
76) Chrysene-d12	14.204	240	318089	20.000	ng	0.00
86) Perylene-d12	15.757	264	403032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	661386	56.548	ng	0.00
7) Phenol-d6	6.622	99	1096503	71.834	ng	-0.01
23) Nitrobenzene-d5	7.563	82	789275	54.516	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	60070	16.714	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	1345536	61.564	ng	-0.01
79) Terphenyl-d14	13.133	244	993943	52.831	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.563	70	103440	11.011	ng	# 76
25) Isophorone	7.563	82	789265	28.434	ng	# 67
32) Benzoic acid	8.281	122	136	3.851	ng	# 1

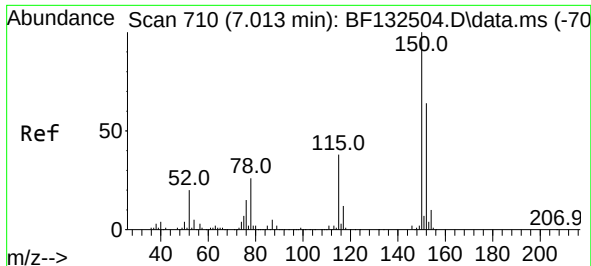
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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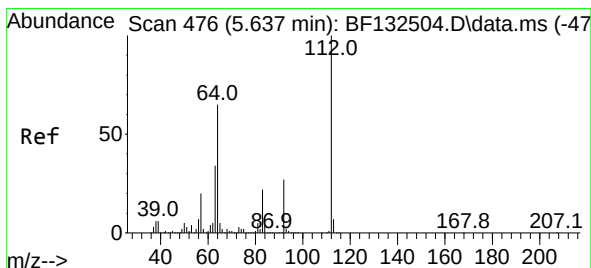
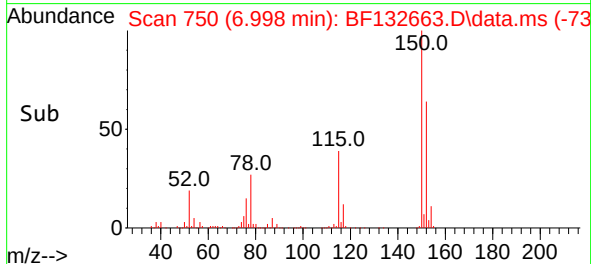
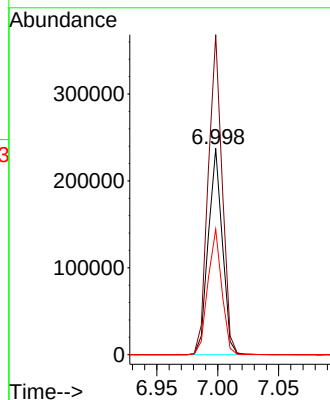
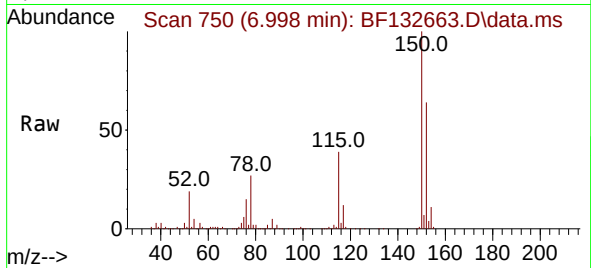




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

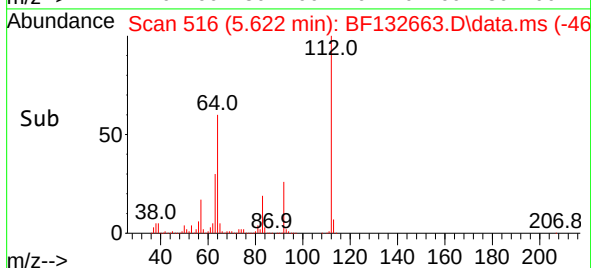
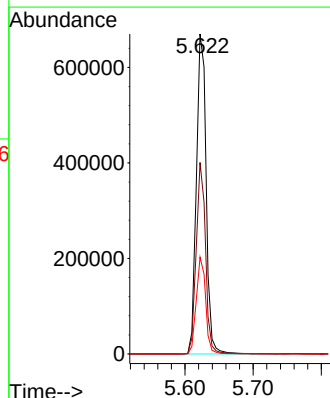
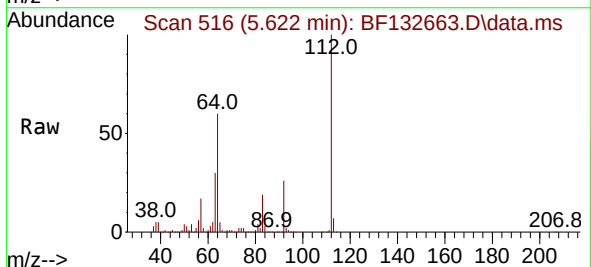
Instrument :
BNA_F
ClientSampleId :
72-11966

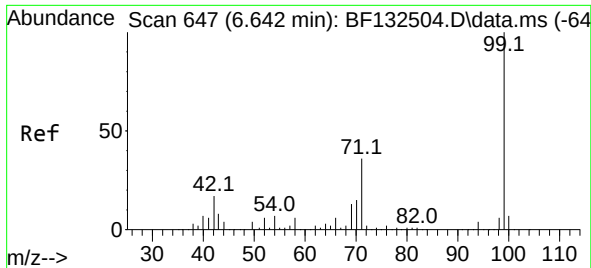
Tgt Ion:152 Resp: 189824
Ion Ratio Lower Upper
152 100
150 155.2 125.4 188.2
115 60.8 47.8 71.6



#5
2-Fluorophenol
Concen: 56.548 ng
RT: 5.622 min Scan# 516
Delta R.T. -0.009 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

Tgt Ion:112 Resp: 661386
Ion Ratio Lower Upper
112 100
64 59.8 51.6 77.4
63 30.3 27.4 41.2

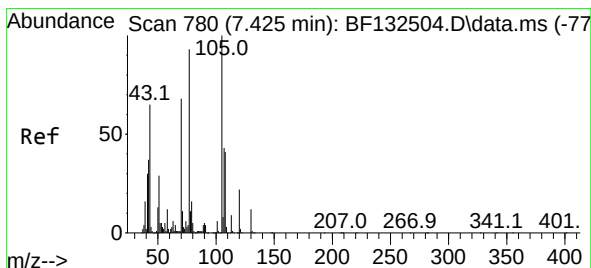
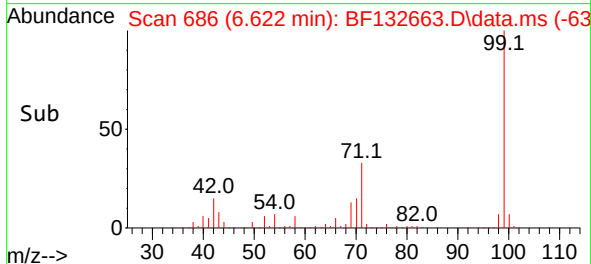
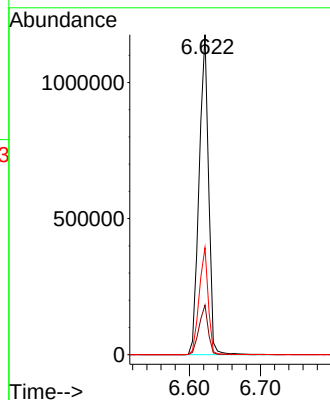
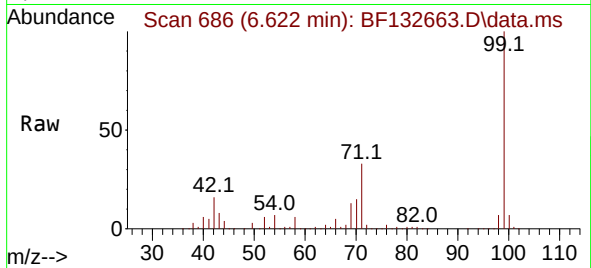




#7
Phenol-d6
Concen: 71.834 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

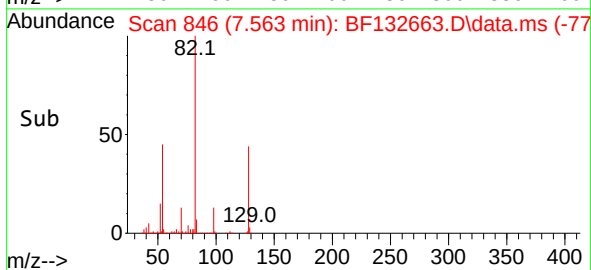
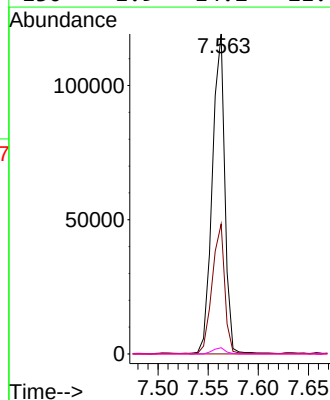
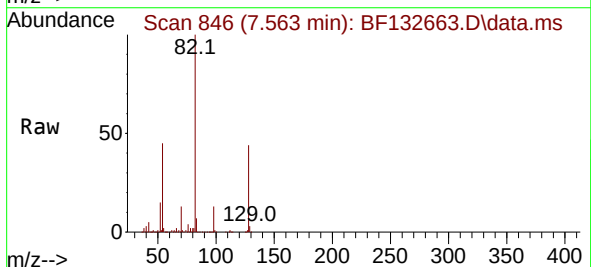
Instrument :
BNA_F
ClientSampleId :
72-11966

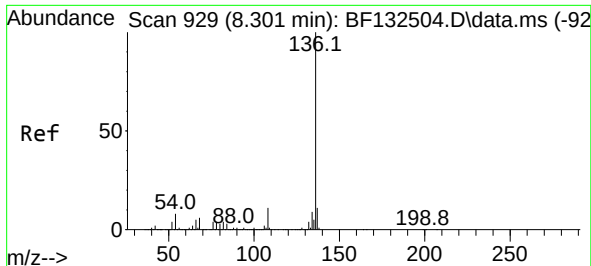
Tgt Ion: 99 Resp: 1096503
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 33.4 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.011 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

Tgt Ion: 70 Resp: 103440
Ion Ratio Lower Upper
70 100
42 40.6 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#

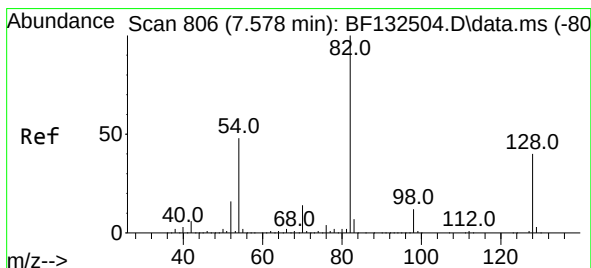
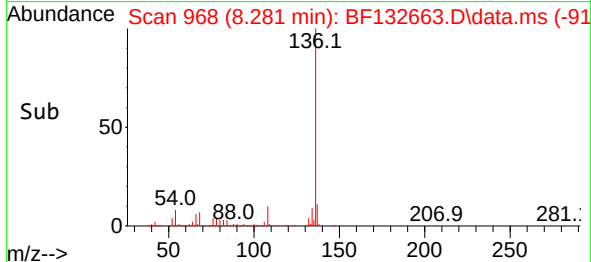
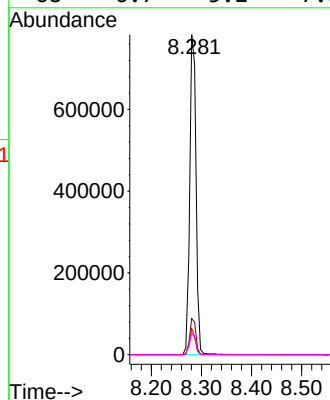
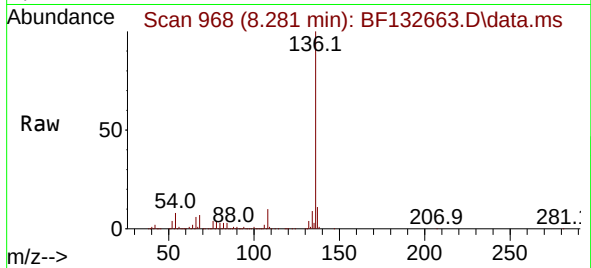




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 91
Delta R.T. -0.009 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

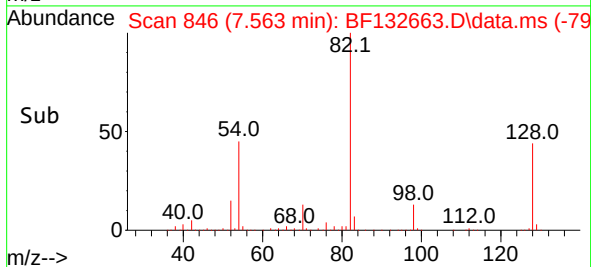
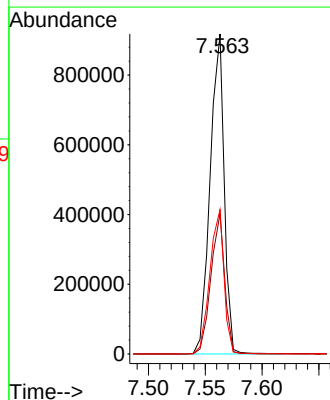
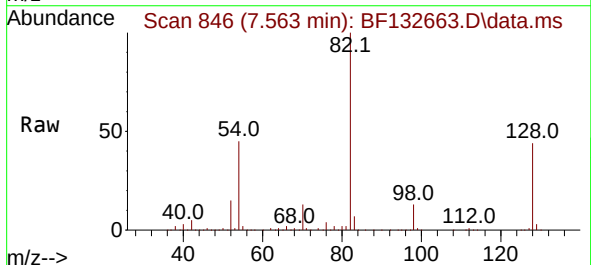
Instrument :
BNA_F
ClientSampleId :
72-11966

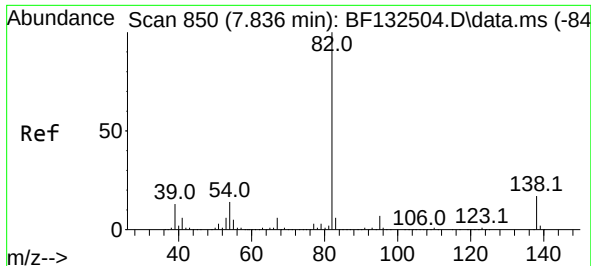
Tgt Ion:136 Resp: 686897
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.1 6.2 9.4
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 54.516 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

Tgt Ion: 82 Resp: 789275
Ion Ratio Lower Upper
82 100
128 43.9 32.2 48.2
54 45.2 38.4 57.6

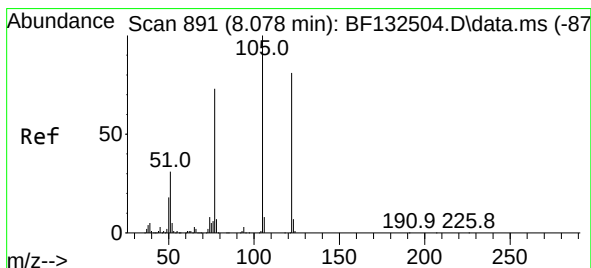
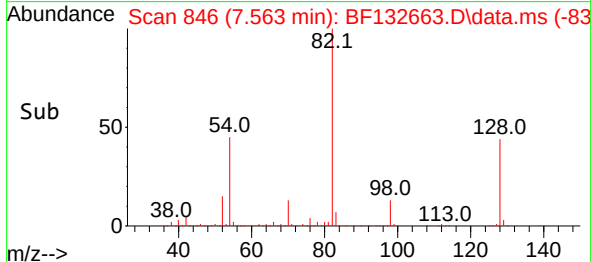
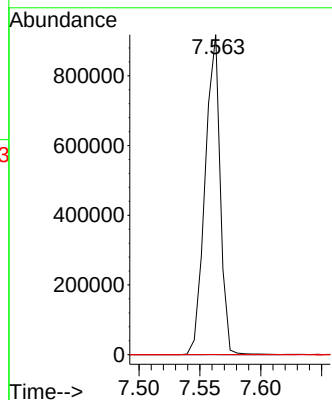
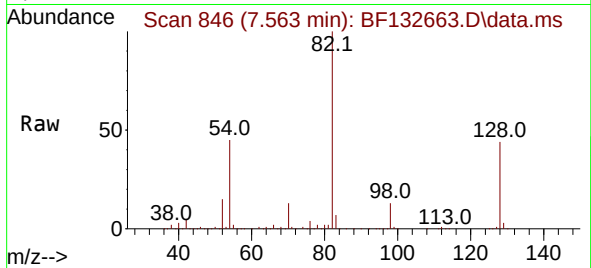




#25
Isophorone
Concen: 28.434 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

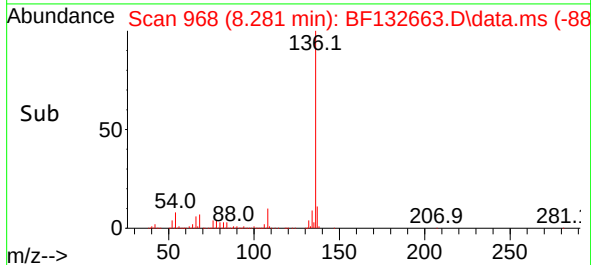
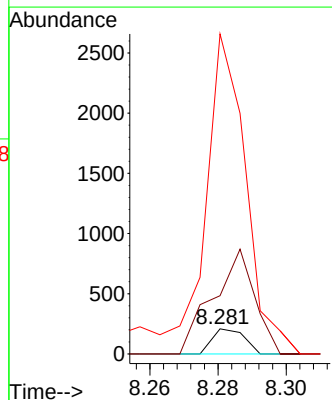
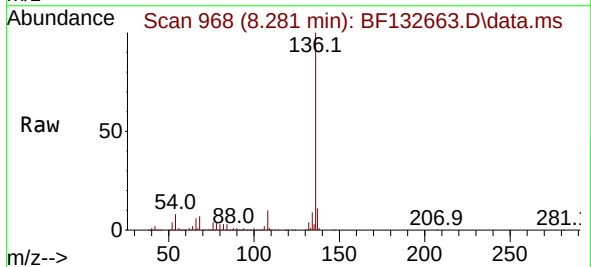
Instrument :
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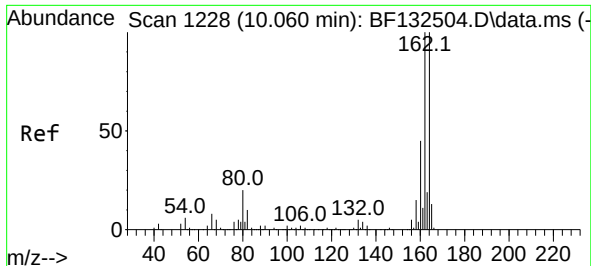
Tgt Ion: 82 Resp: 789265
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.851 ng
RT: 8.281 min Scan# 968
Delta R.T. 0.215 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

Tgt Ion: 122 Resp: 136
Ion Ratio Lower Upper
122 100
105 232.7 102.6 142.6#
77 1277.9 70.2 110.2#

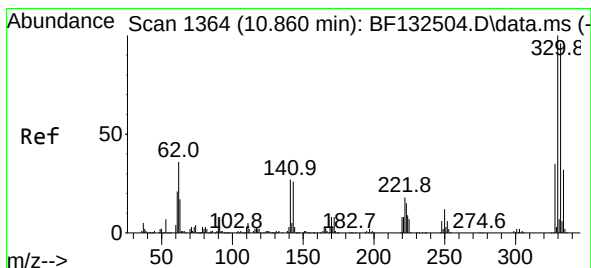
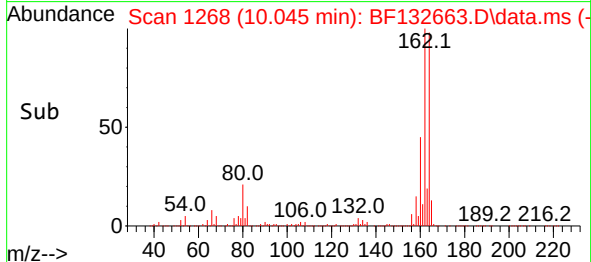
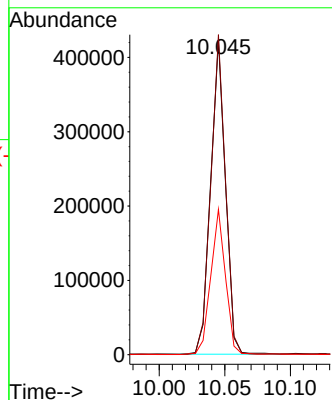
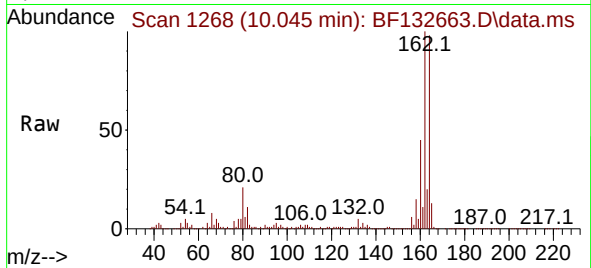




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

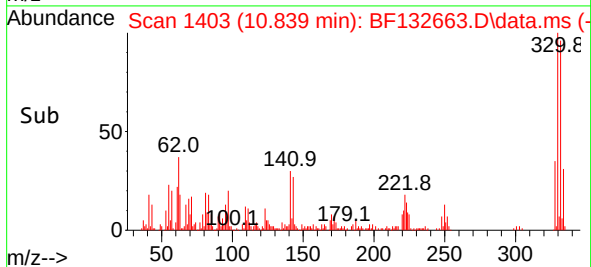
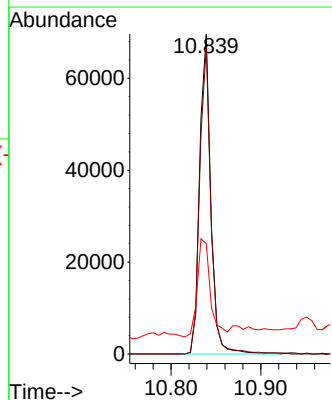
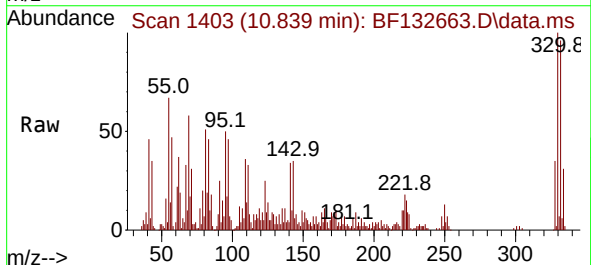
Instrument :
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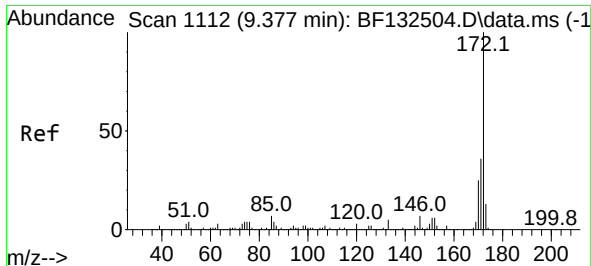
Tgt Ion:164 Resp: 332792
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 46.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 16.714 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

Tgt Ion:330 Resp: 60070
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 35.6 28.4 42.6

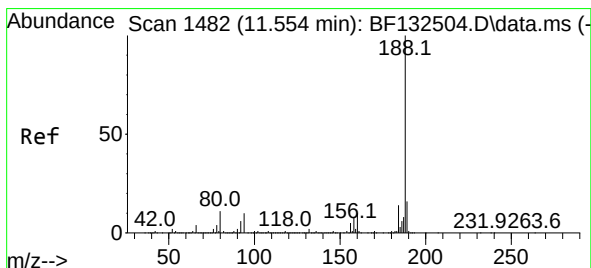
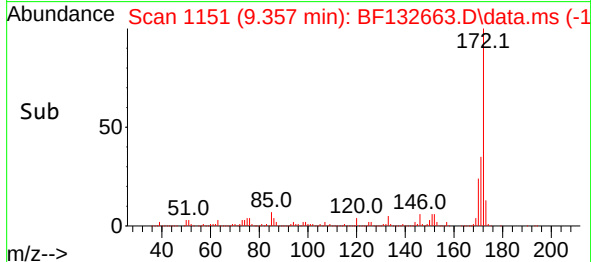
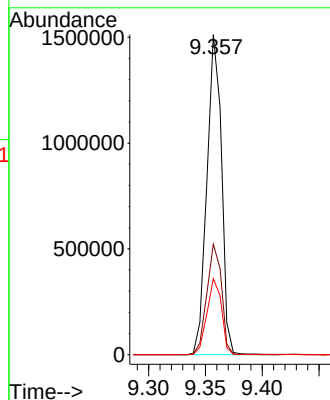
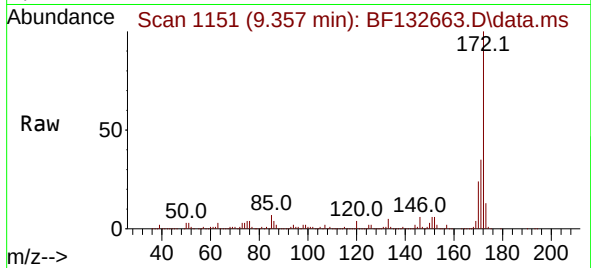




#45
2-Fluorobiphenyl
Concen: 61.564 ng
RT: 9.357 min Scan# 1112
Delta R.T. -0.015 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

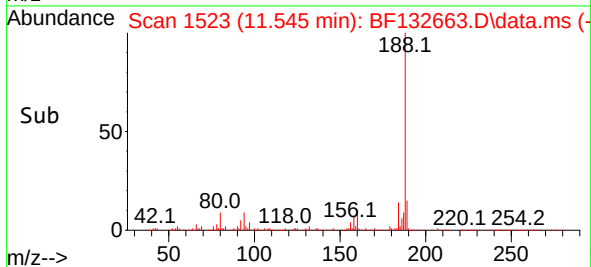
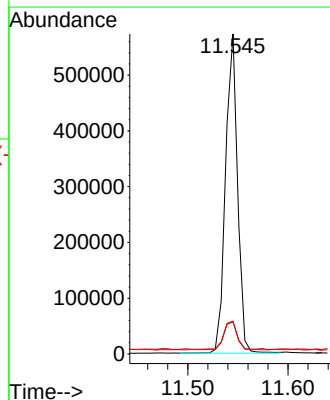
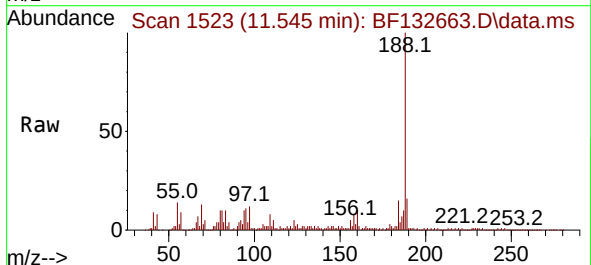
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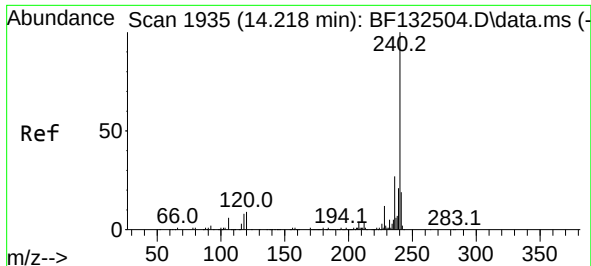
Tgt Ion:172 Resp: 1345536
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 23.8 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

Tgt Ion:188 Resp: 476070
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.2 8.7 13.1

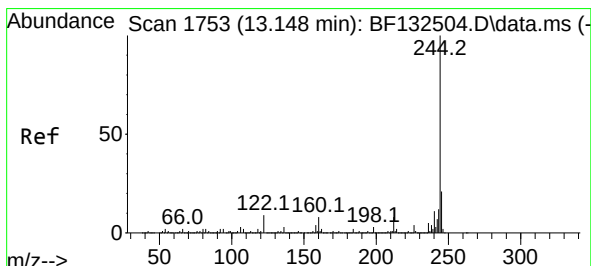
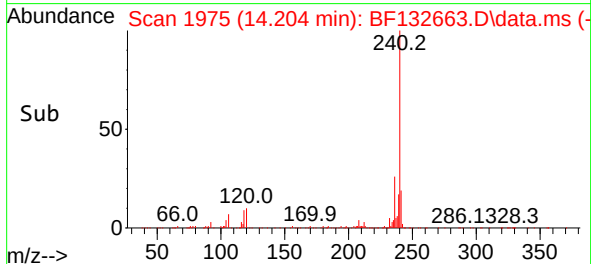
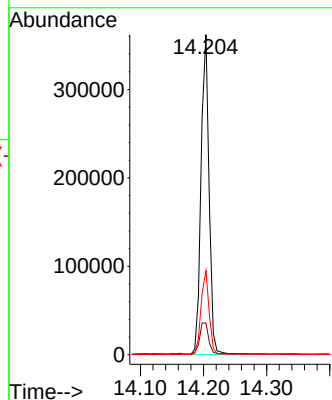
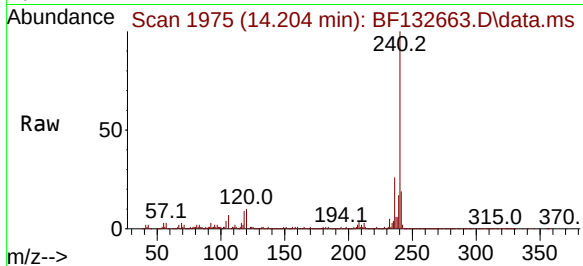




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

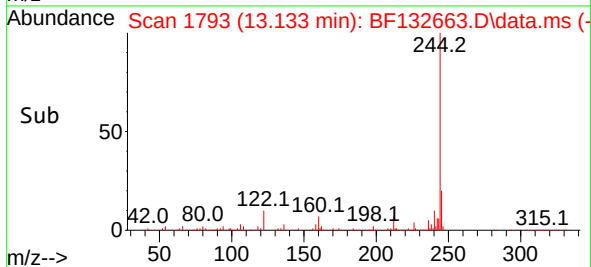
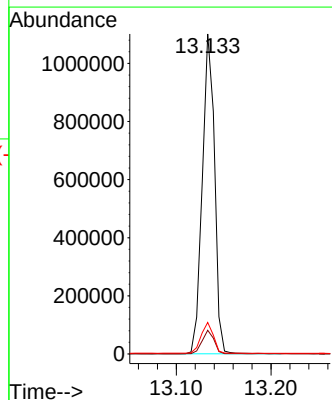
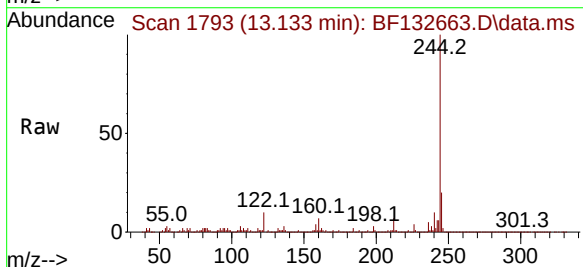
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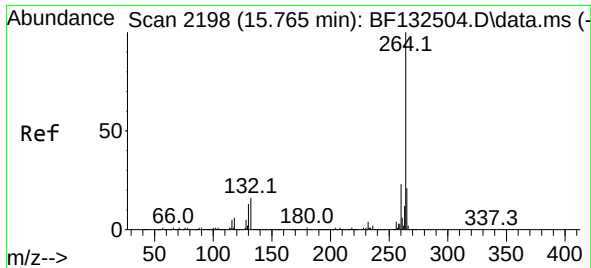
Tgt Ion:240 Resp: 318089
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 26.2 21.8 32.6



#79
Terphenyl-d14
Concen: 52.831 ng
RT: 13.133 min Scan# 1793
Delta R.T. -0.009 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

Tgt Ion:244 Resp: 993943
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 9.8 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: BF132663.D
Acq: 06 Mar 2023 22:52

Instrument :
BNA_F
ClientSampleId :
72-11966

Tgt Ion:264 Resp: 403032
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.6 17.1 25.7

