

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134075.D
 Acq On : 05 Jul 2023 19:48
 Operator : CG\JU
 Sample : 03291-03DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6ADL

Quant Time: Jul 06 00:21:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

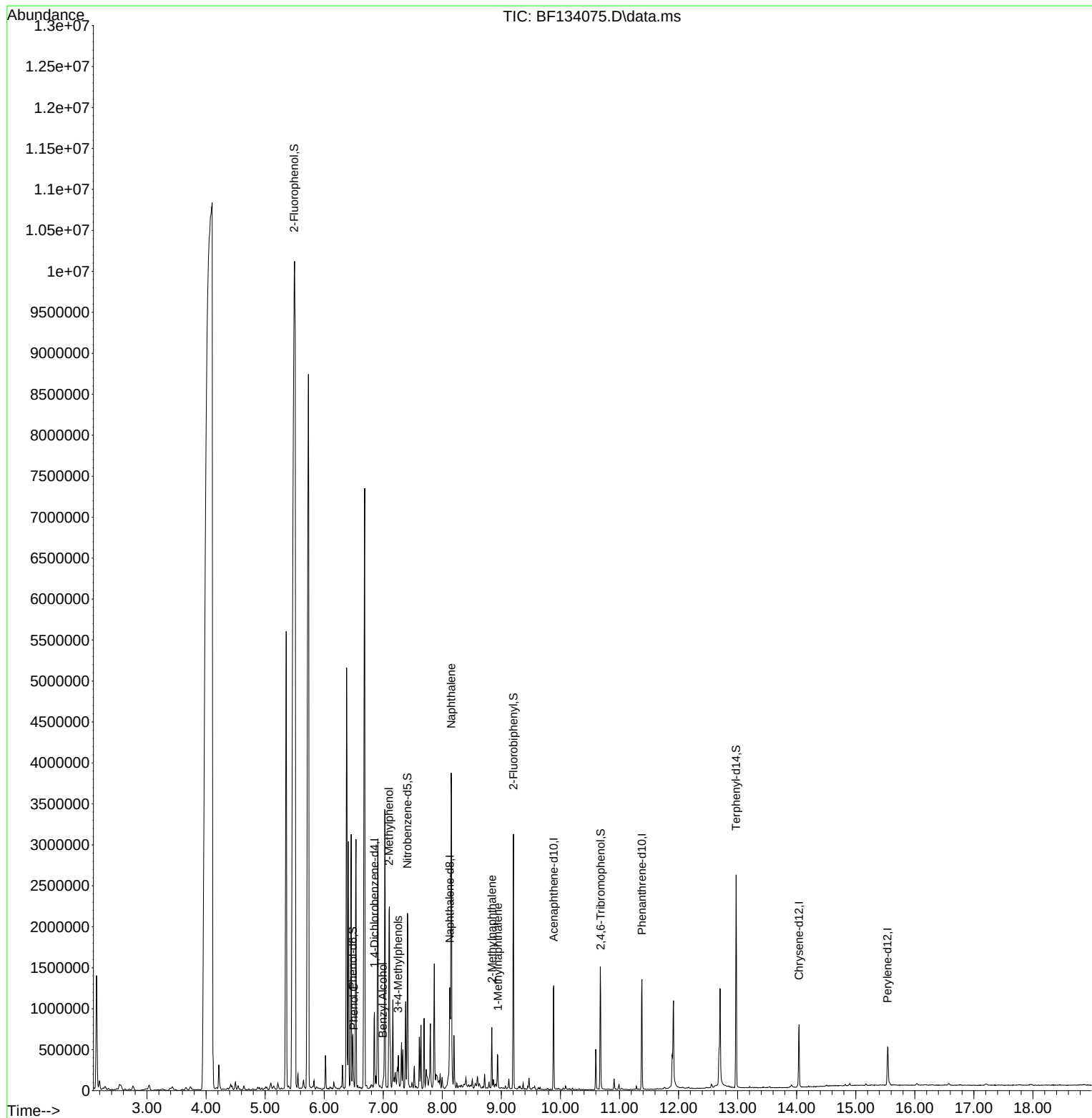
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	137084	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	516786	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	255309	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	501500	20.000	ng	0.00
76) Chrysene-d12	14.039	240	263296	20.000	ng	-0.01
86) Perylene-d12	15.539	264	241785	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	140946	17.199	ng	0.00
7) Phenol-d6	6.487	99	208328	20.671	ng	0.00
23) Nitrobenzene-d5	7.410	82	458070	47.781	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	181742	56.775	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	859549	48.948	ng	0.00
79) Terphenyl-d14	12.974	244	853543	52.174	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.498	94	29830	2.815	ng	97
15) Benzyl Alcohol	6.992	79	24359	3.135	ng	98
17) 2-Methylphenol	7.098	107	321978	43.222	ng	96
20) 3+4-Methylphenols	7.251	107	68487	7.578	ng	# 63
31) Naphthalene	8.151	128	1716818	68.776	ng	98
37) 2-Methylnaphthalene	8.839	142	163962	9.288	ng	100
38) 1-Methylnaphthalene	8.939	142	79577	4.849	ng	100

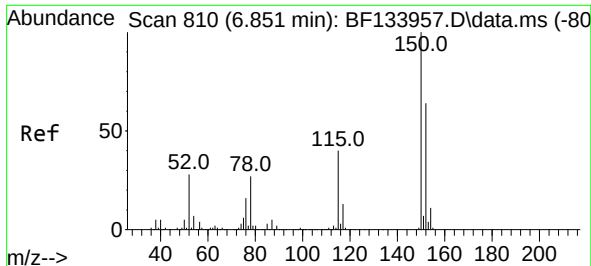
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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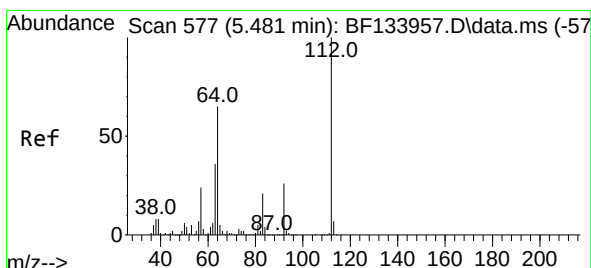
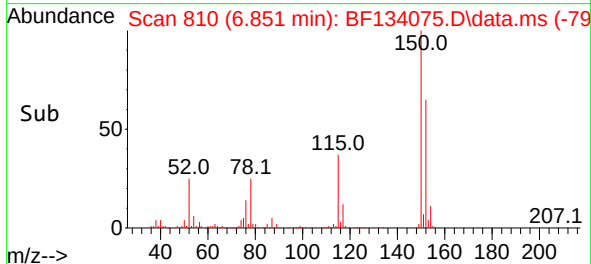
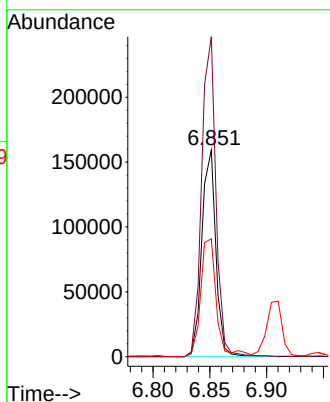
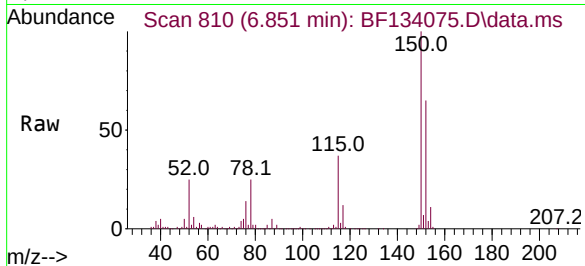




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

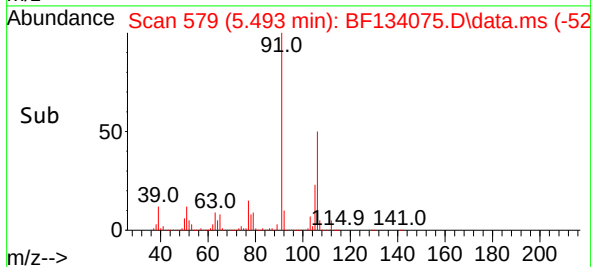
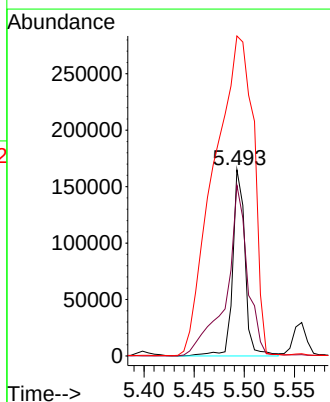
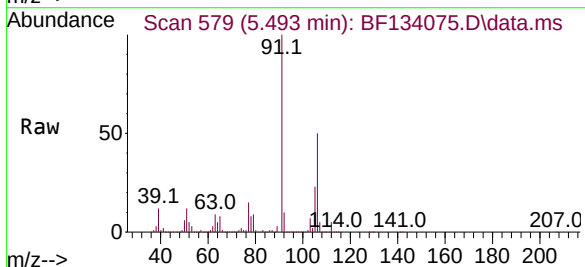
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

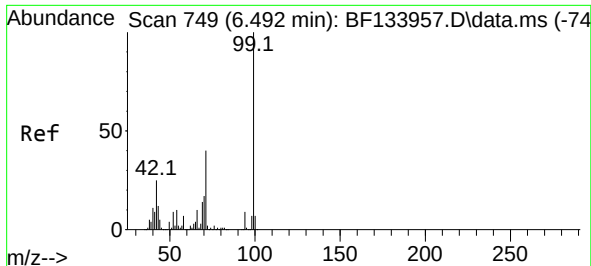
Tgt Ion:152 Resp: 137084
Ion Ratio Lower Upper
152 100
150 154.9 124.5 186.7
115 57.1 50.2 75.2



#5
2-Fluorophenol
Concen: 17.199 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:112 Resp: 140946
Ion Ratio Lower Upper
112 100
64 91.6 52.1 78.1#
63 171.8 28.6 42.8#

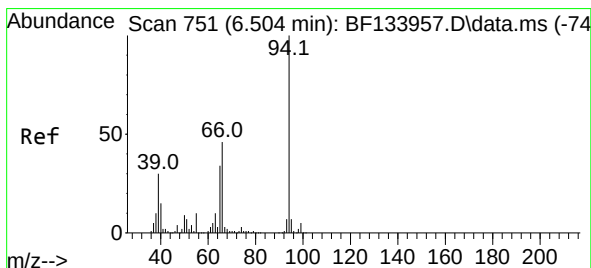
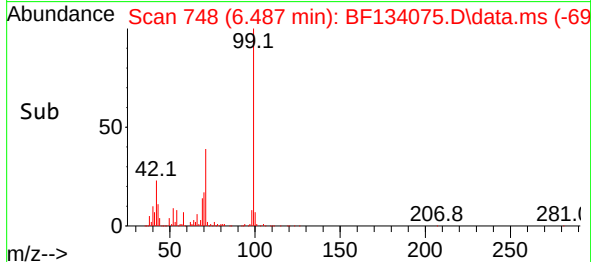
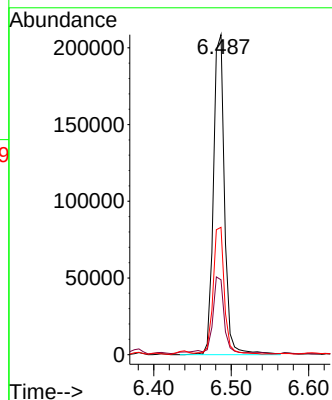
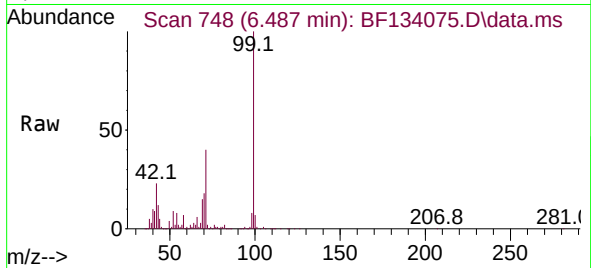




#7
Phenol-d6
Concen: 20.671 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

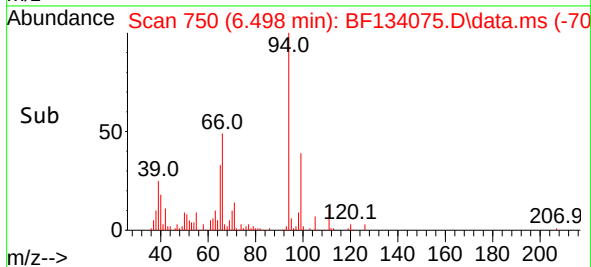
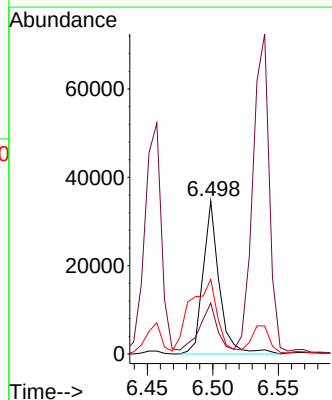
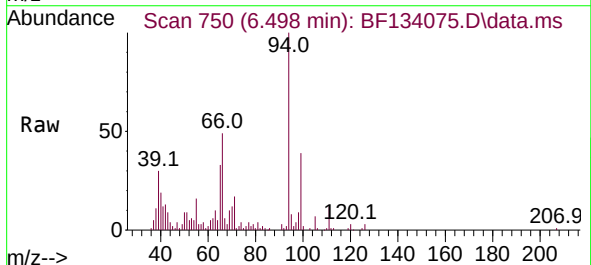
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

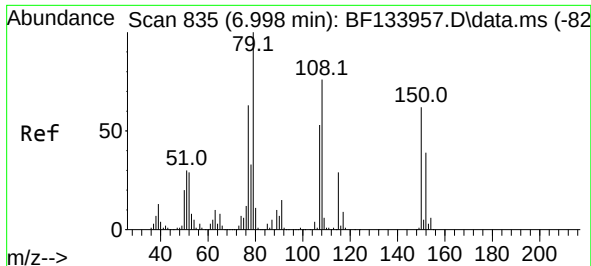
Tgt Ion: 99 Resp: 208328
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 39.8 31.9 47.9



#10
Phenol
Concen: 2.815 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion: 94 Resp: 29830
Ion Ratio Lower Upper
94 100
65 33.3 14.2 54.2
66 48.7 26.4 66.4

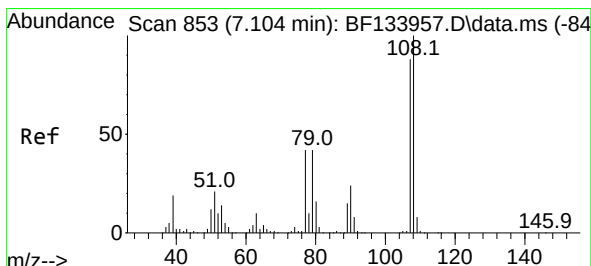
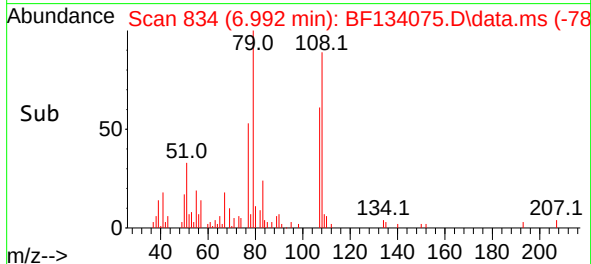
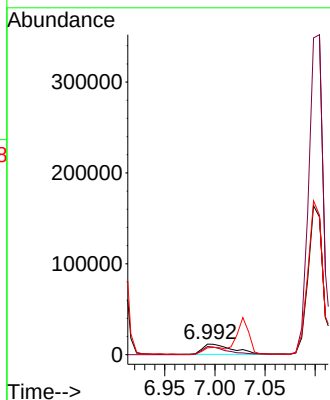
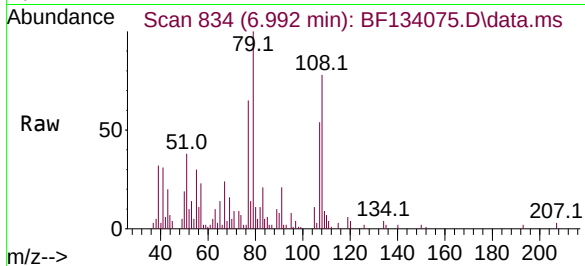




#15
Benzyl Alcohol
Concen: 3.135 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

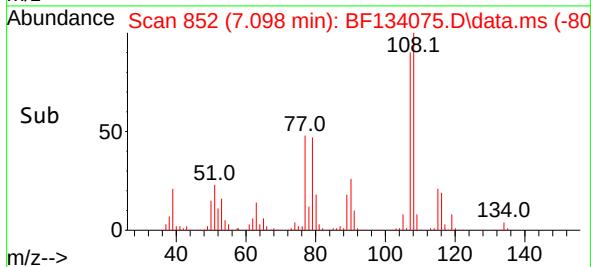
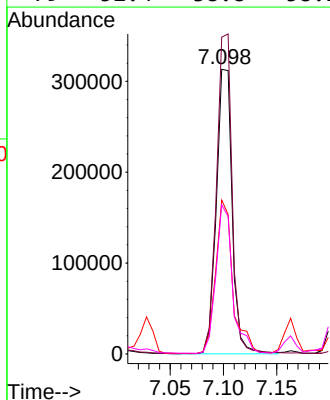
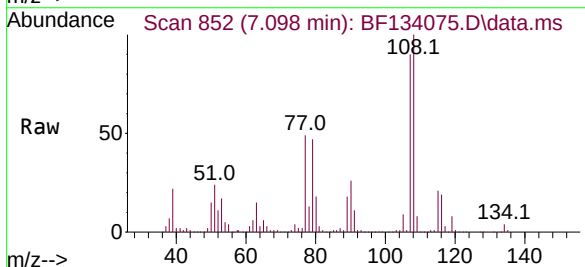
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

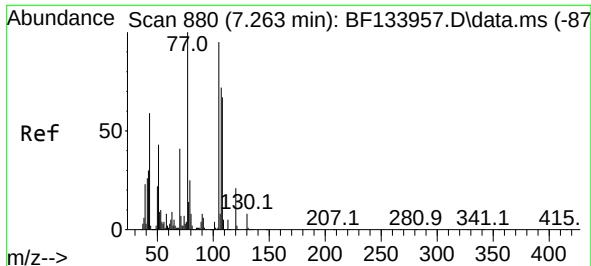
Tgt Ion: 79 Resp: 24359
Ion Ratio Lower Upper
79 100
108 77.9 60.7 91.1
77 64.9 50.6 75.8



#17
2-Methylphenol
Concen: 43.222 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion: 107 Resp: 321978
Ion Ratio Lower Upper
107 100
108 111.3 90.6 136.0
77 54.1 38.3 57.5
79 52.4 38.8 58.2

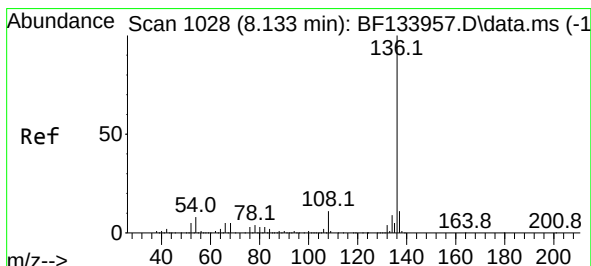
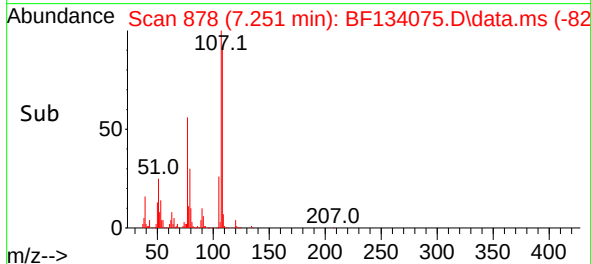
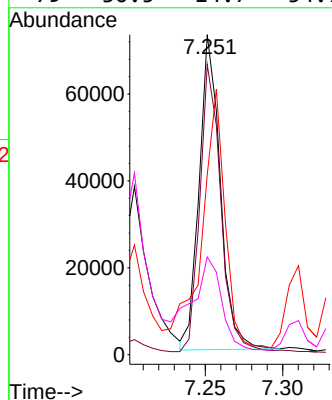
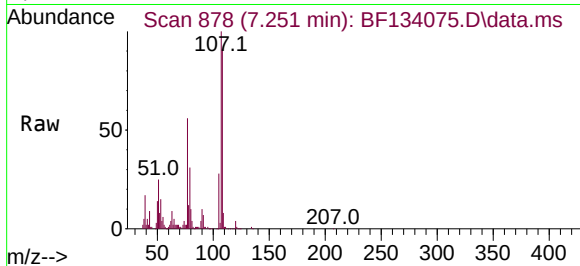




#20
3+4-Methylphenols
Concen: 7.578 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

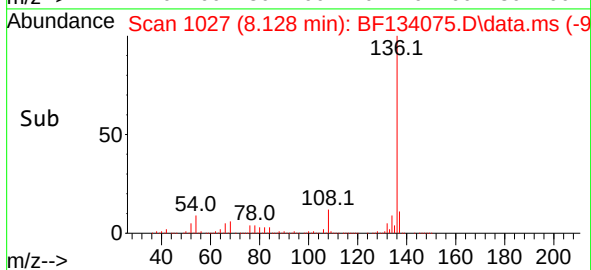
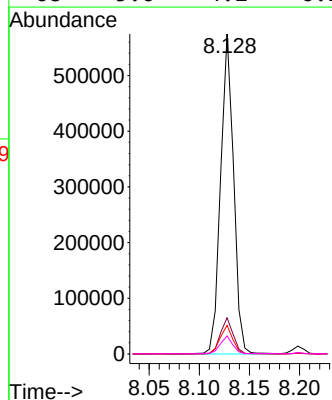
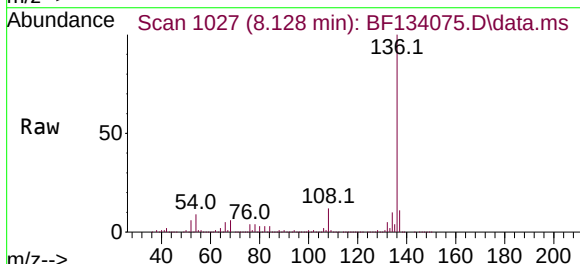
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

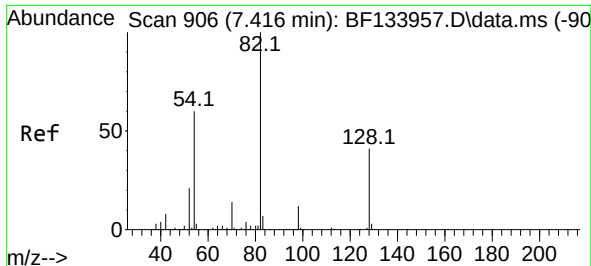
Tgt Ion:	107	Resp:	68487
Ion	Ratio	Lower	Upper
107	100		
108	90.7	73.2	113.2
77	56.2	118.3	158.3#
79	30.5	14.7	54.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:	136	Resp:	516786
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.9	6.5	9.7
68	5.6	4.2	6.2

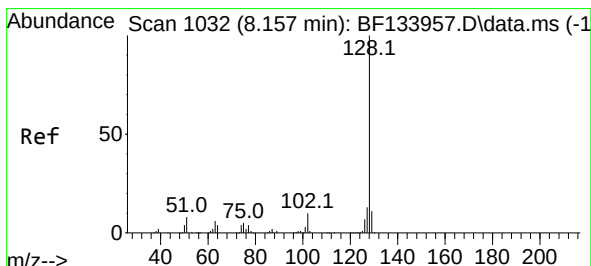
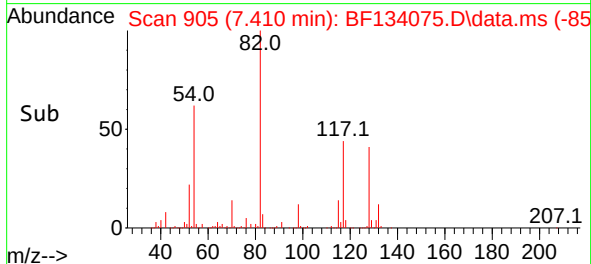
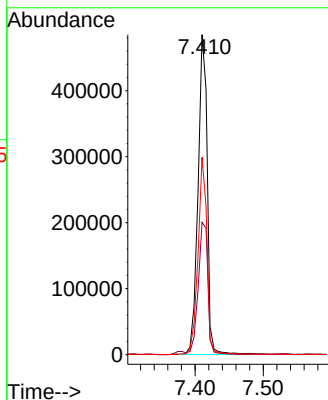
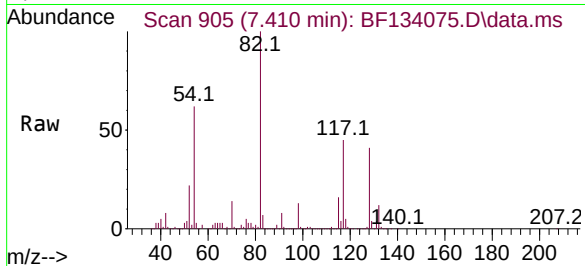




#23
Nitrobenzene-d5
Concen: 47.781 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

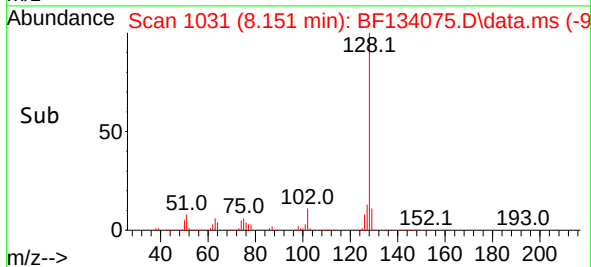
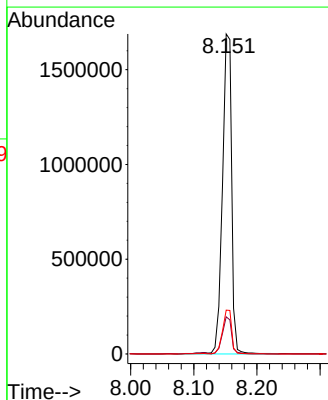
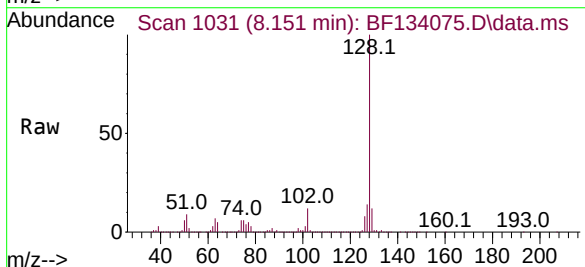
Instrument :
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ClientSampleId :
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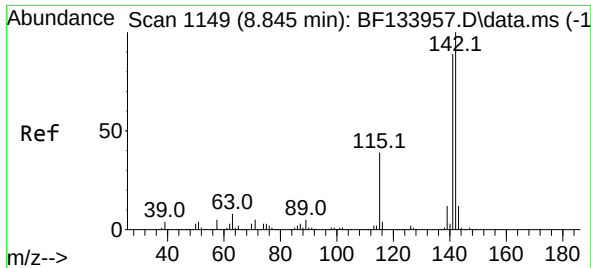
Tgt Ion: 82 Resp: 458070
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 61.7 48.2 72.2



#31
Naphthalene
Concen: 68.776 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:128 Resp: 1716818
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.7 10.6 15.8

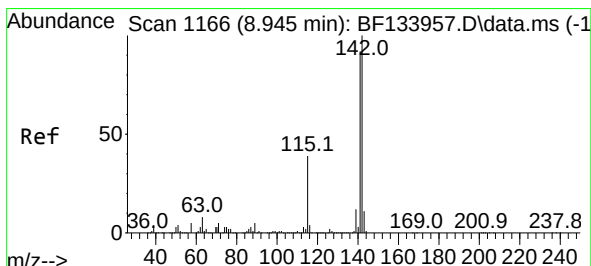
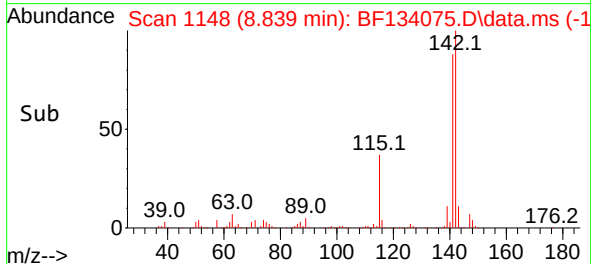
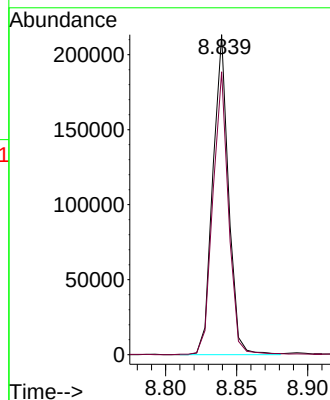
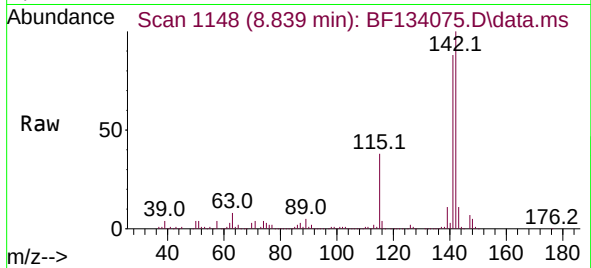




#37
2-Methylnaphthalene
Concen: 9.288 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

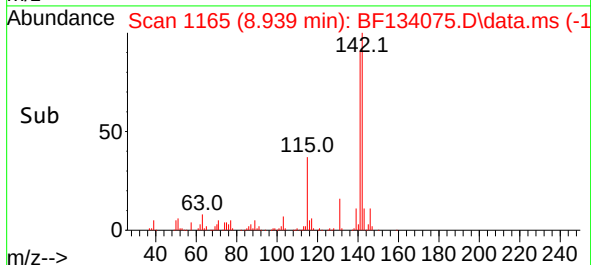
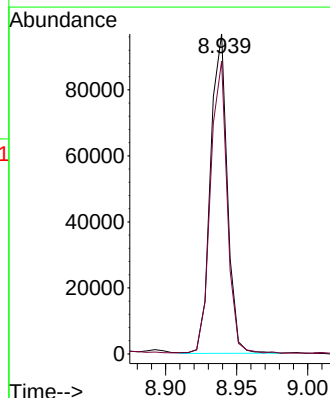
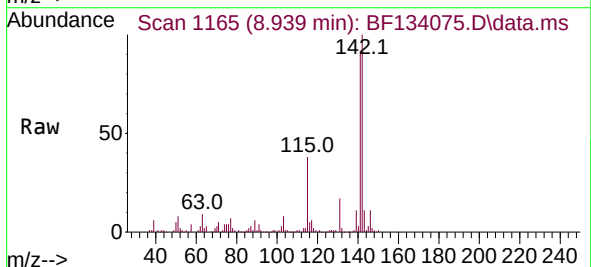
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BNA_F
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MW-6ADL

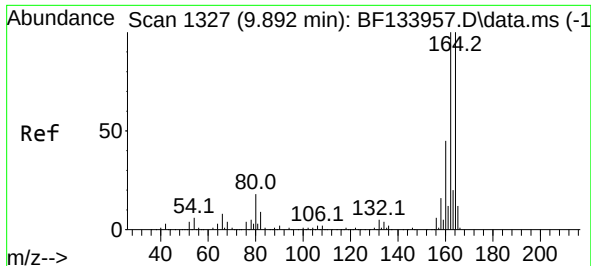
Tgt Ion:142 Resp: 163962
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4



#38
1-Methylnaphthalene
Concen: 4.849 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:142 Resp: 79577
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134075.D

Acq: 05 Jul 2023 19:48

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

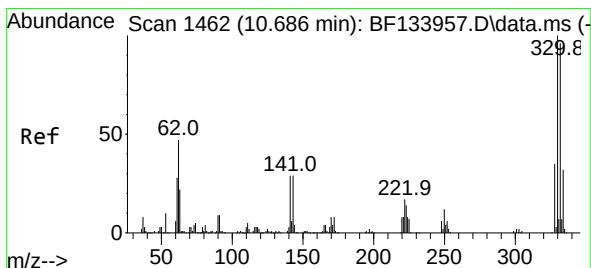
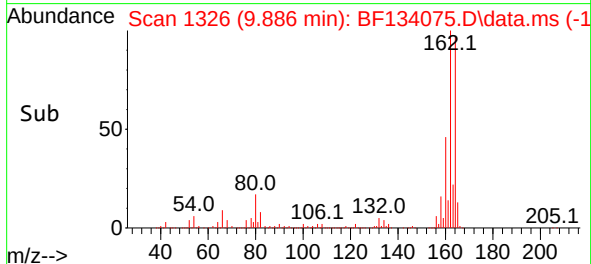
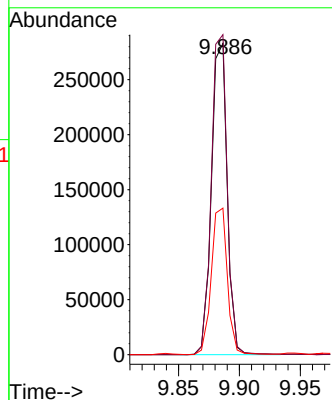
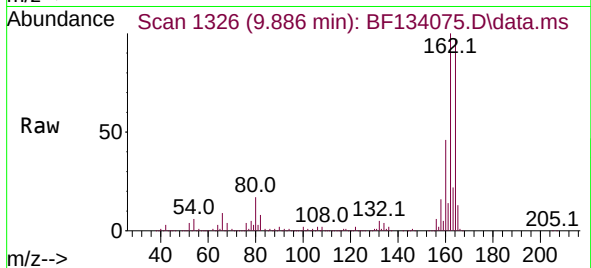
Tgt Ion:164 Resp: 255309

Ion Ratio Lower Upper

164 100

162 102.8 80.0 120.0

160 47.1 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 56.775 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF134075.D

Acq: 05 Jul 2023 19:48

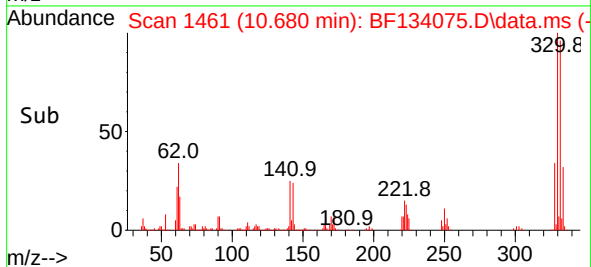
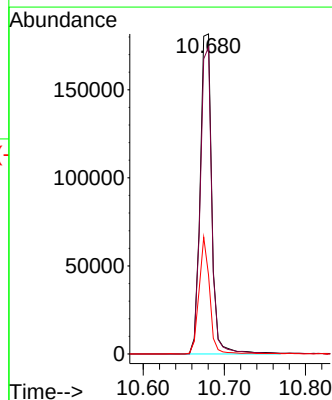
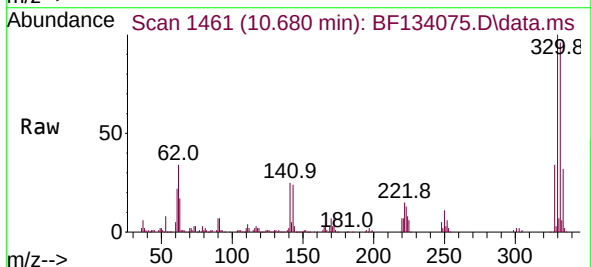
Tgt Ion:330 Resp: 181742

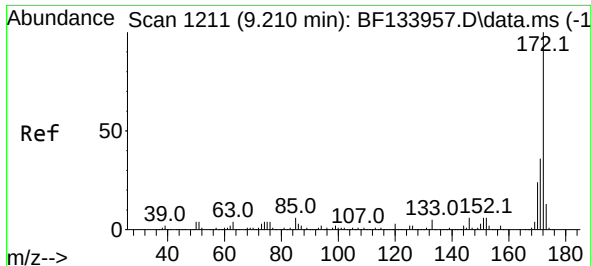
Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

141 33.5 26.3 39.5

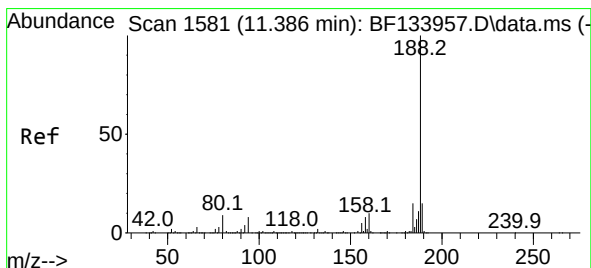
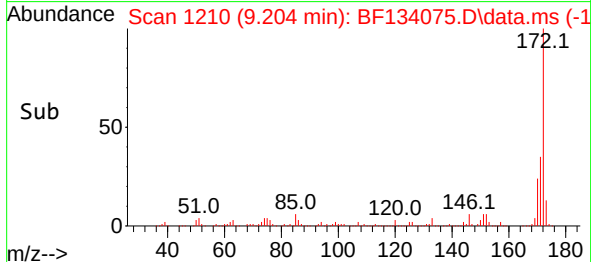
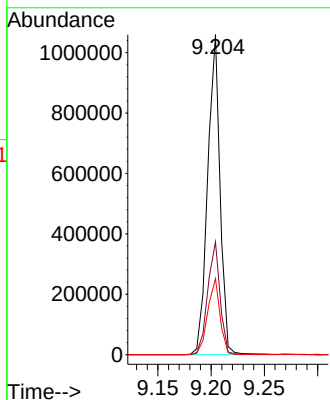
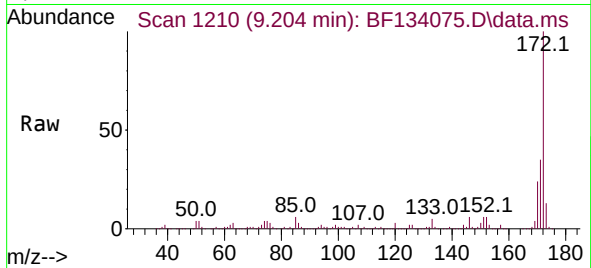




#45
2-Fluorobiphenyl
Concen: 48.948 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

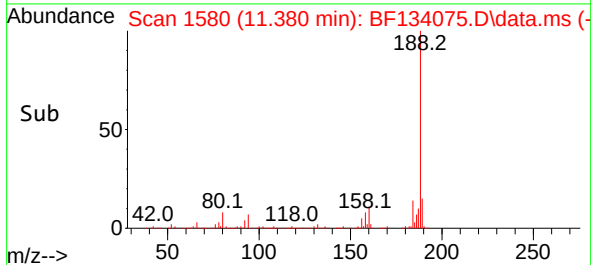
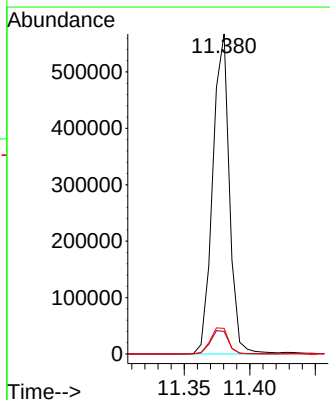
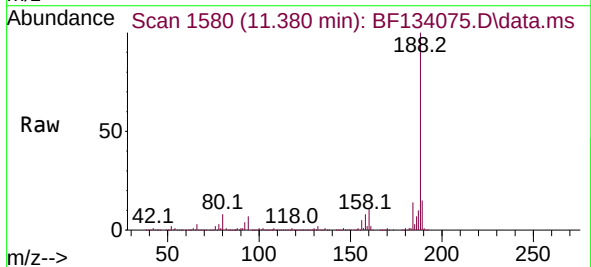
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

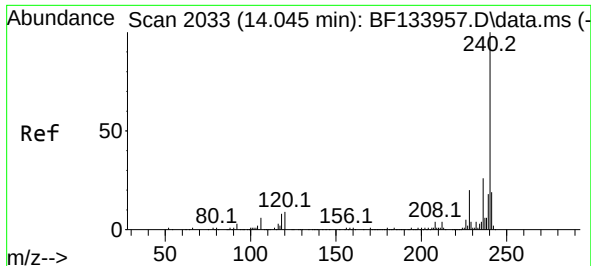
Tgt Ion:172 Resp: 859549
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:188 Resp: 501500
Ion Ratio Lower Upper
188 100
94 7.1 6.4 9.6
80 8.0 7.3 10.9

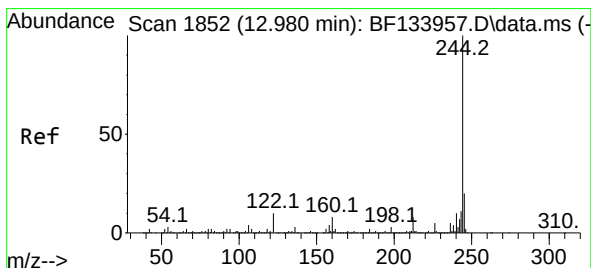
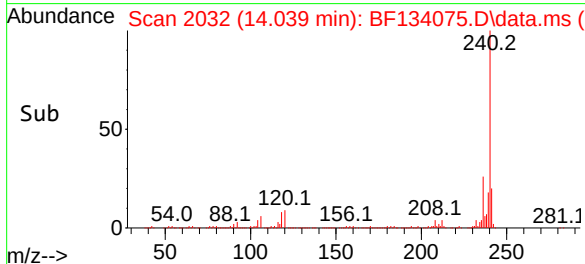
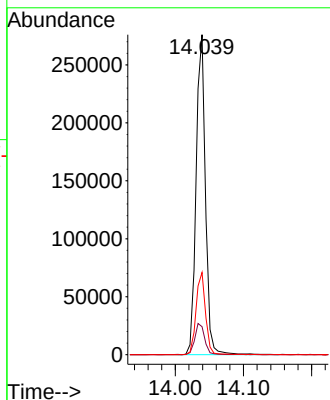
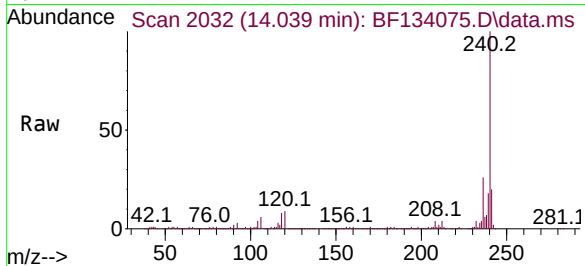




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

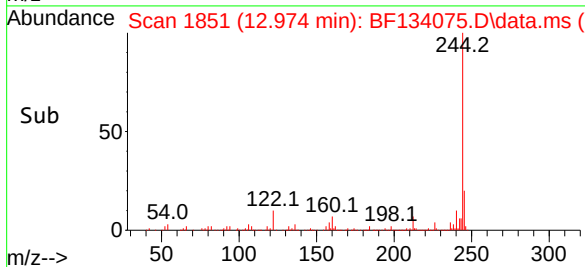
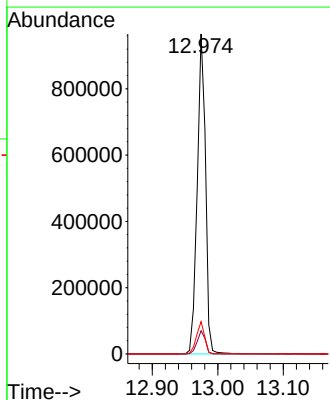
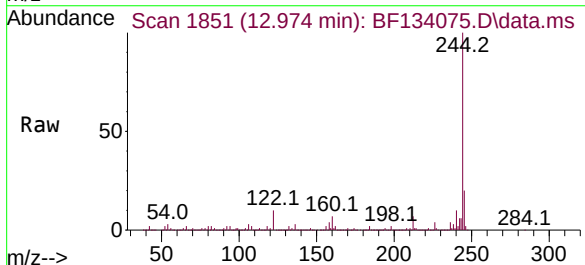
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

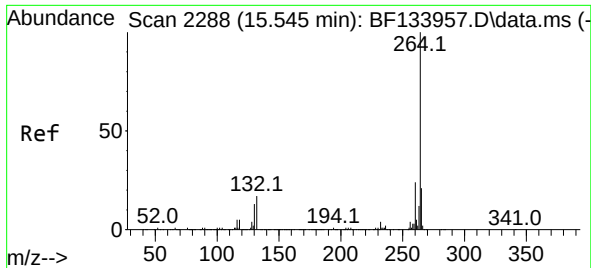
Tgt Ion:240 Resp: 263296
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 25.7 21.0 31.6



#79
Terphenyl-d14
Concen: 52.174 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:244 Resp: 853543
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF134075.D
 Acq: 05 Jul 2023 19:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-6ADL

Tgt Ion:264 Resp: 241785
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.2 16.6 25.0

