

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133793.D
 Acq On : 16 Jun 2023 01:04
 Operator : CG\JU
 Sample : 03229-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-402-COMP-09

Quant Time: Jun 16 03:03:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

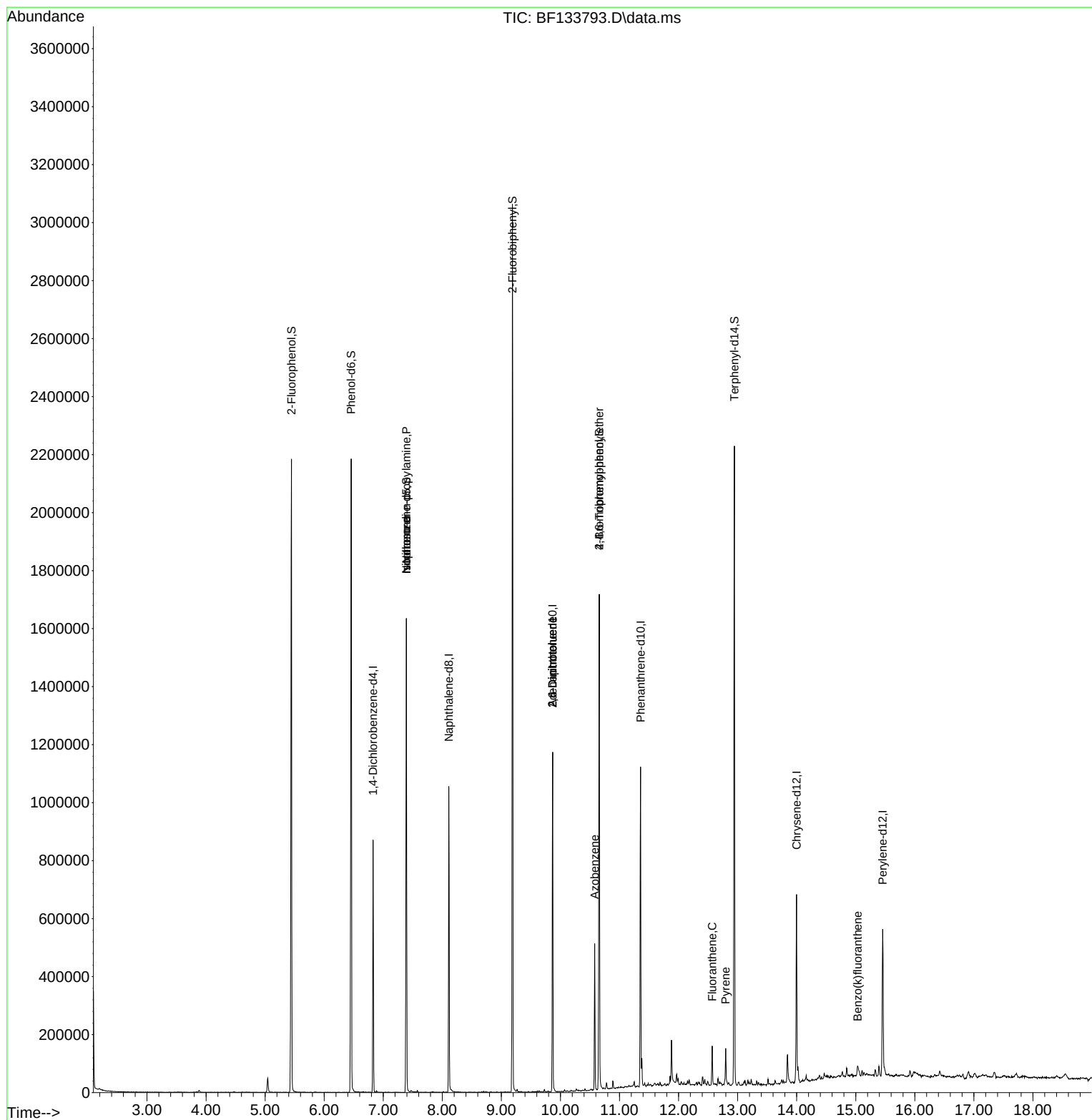
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	110101	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	421199	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	214588	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	381289	20.000	ng	0.00
76) Chrysene-d12	13.998	240	192395	20.000	ng	0.00
86) Perylene-d12	15.456	264	227287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	559030	88.393	ng	0.00
7) Phenol-d6	6.457	99	681477	82.782	ng	0.00
23) Nitrobenzene-d5	7.392	82	451323	58.362	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	191478	70.492	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	885345	58.649	ng	0.00
79) Terphenyl-d14	12.945	244	728986	58.629	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	62576	11.947	ng	# 77
25) Isophorone	7.392	82	451313	31.789	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	28627	8.659	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	28627	6.808	ng	# 19
63) Azobenzene	10.580	77	77784	5.040	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	12147	2.854	ng	# 1
75) Fluoranthene	12.568	202	48712	2.371	ng	97
78) Pyrene	12.798	202	48601	2.712	ng	99
89) Benzo(k)fluoranthene	15.033	252	27270	2.028	ng	# 94

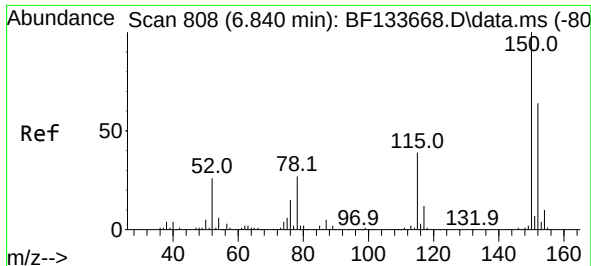
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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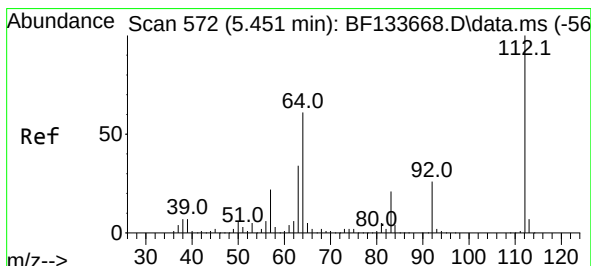
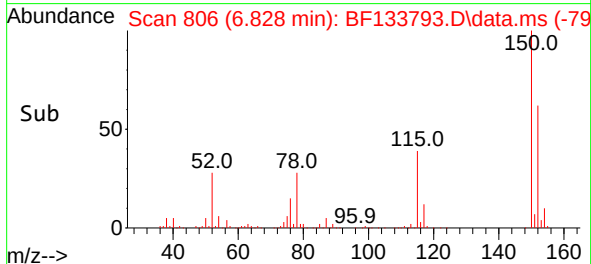
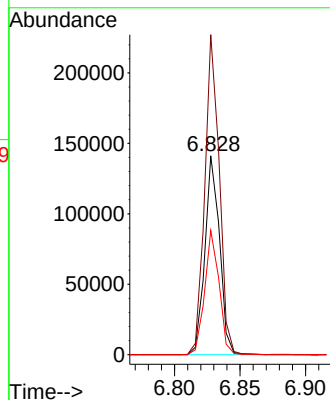
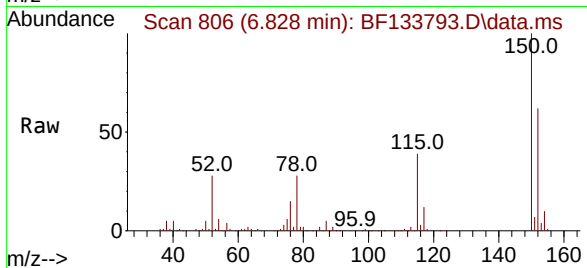




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

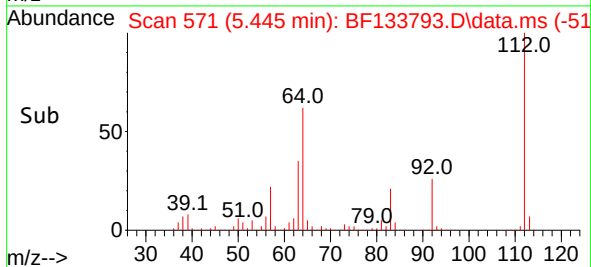
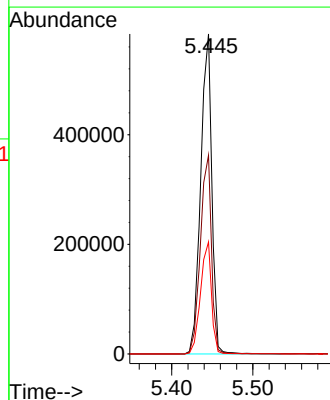
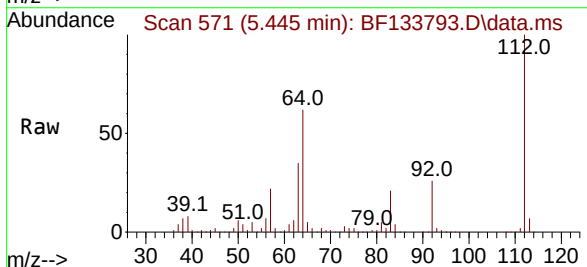
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09

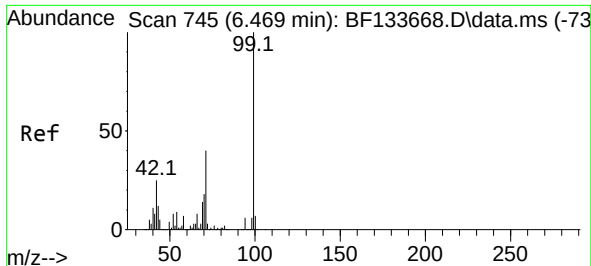
Tgt Ion:152 Resp: 110101
Ion Ratio Lower Upper
152 100
150 160.9 124.3 186.5
115 62.4 48.5 72.7



#5
2-Fluorophenol
Concen: 88.393 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

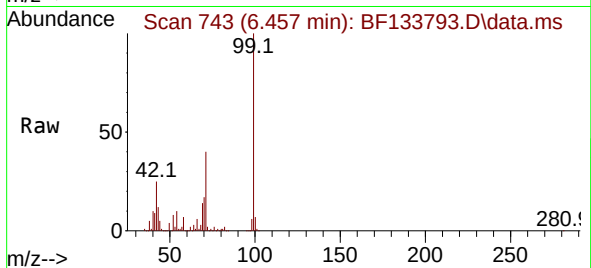
Tgt Ion:112 Resp: 559030
Ion Ratio Lower Upper
112 100
64 62.1 49.0 73.4
63 35.0 26.8 40.2



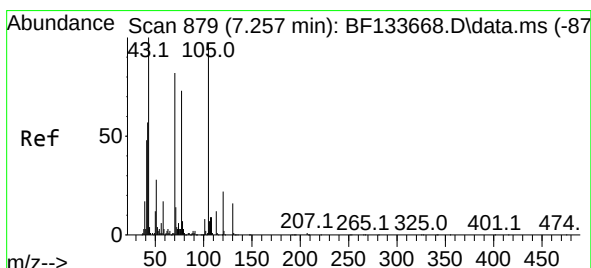
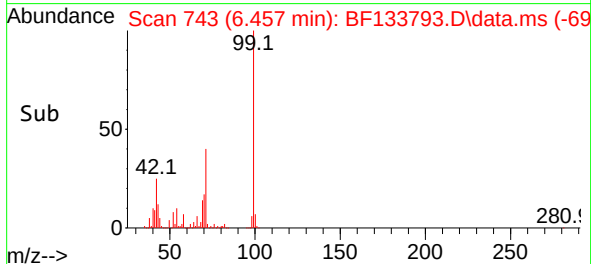
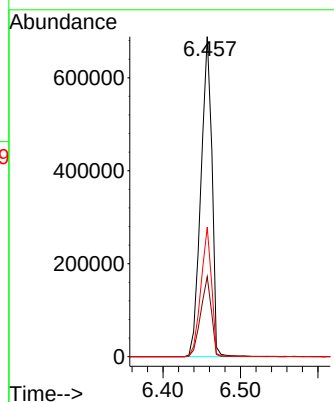


#7
Phenol-d6
Concen: 82.782 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09

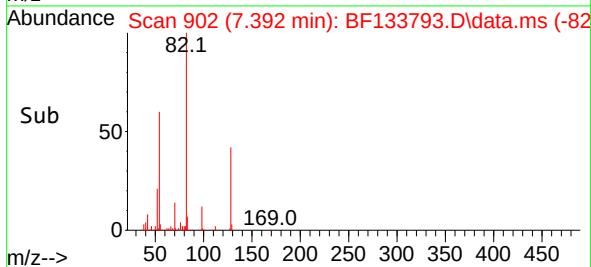
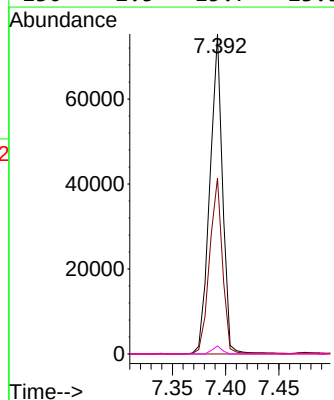
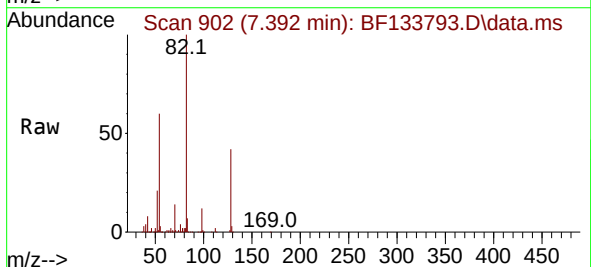


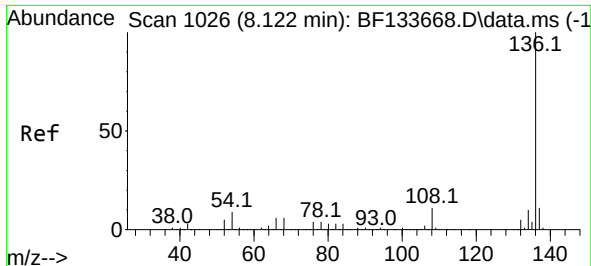
Tgt Ion: 99 Resp: 681477
Ion Ratio Lower Upper
99 100
42 25.0 19.9 29.9
71 40.5 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.947 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

Tgt Ion: 70 Resp: 62576
Ion Ratio Lower Upper
70 100
42 55.0 55.8 83.8#
101 0.0 8.1 12.1#
130 2.5 15.7 23.5#

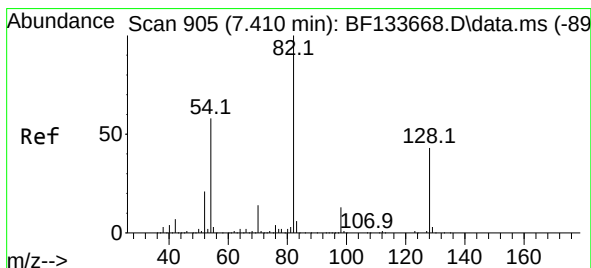
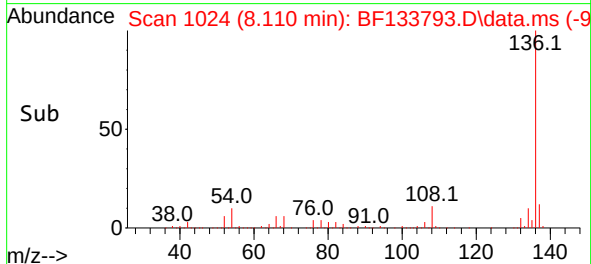
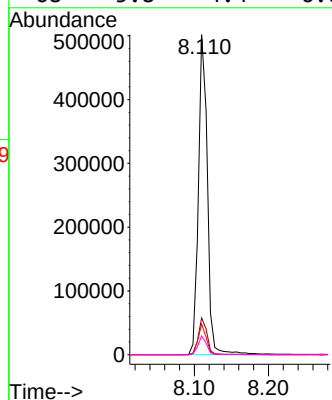
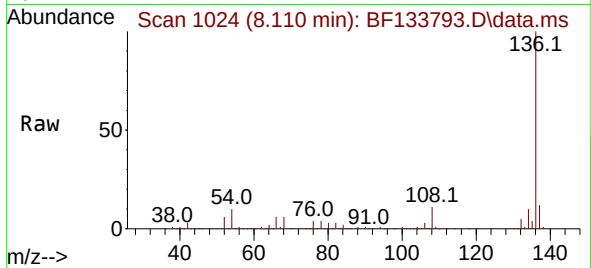




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

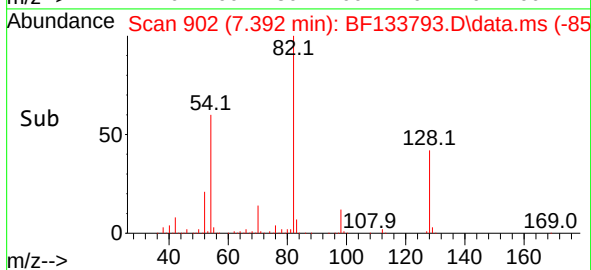
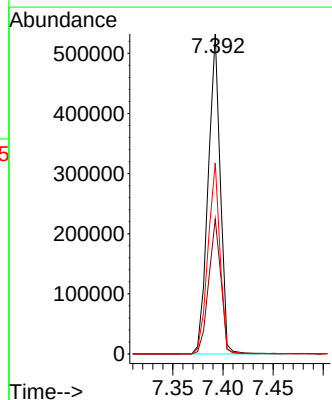
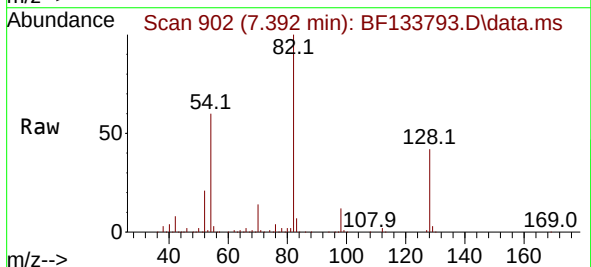
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09

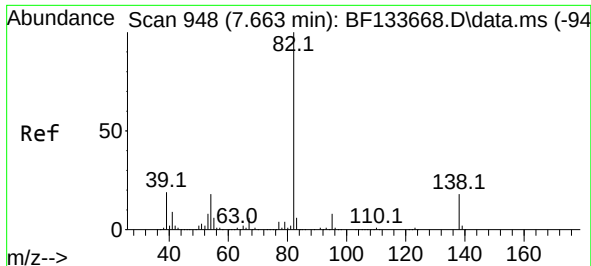
Tgt Ion:136 Resp: 421199
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 9.6 7.4 11.0
68 5.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 58.362 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

Tgt Ion: 82 Resp: 451323
Ion Ratio Lower Upper
82 100
128 42.2 34.2 51.2
54 59.7 46.5 69.7

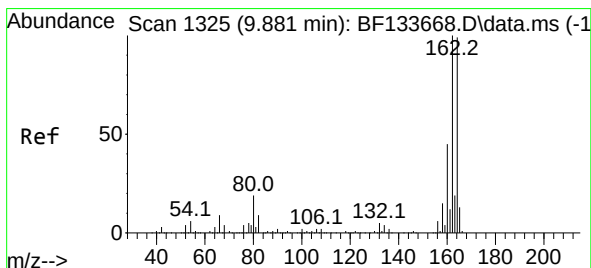
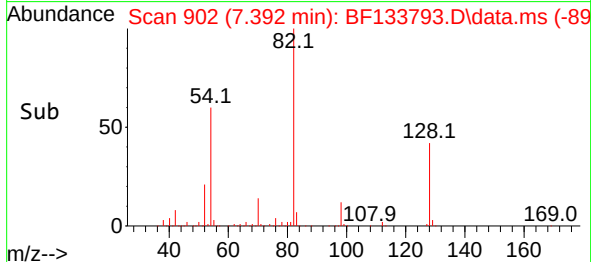
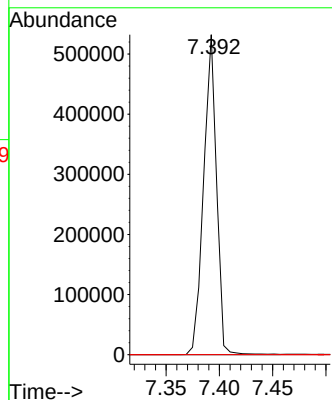
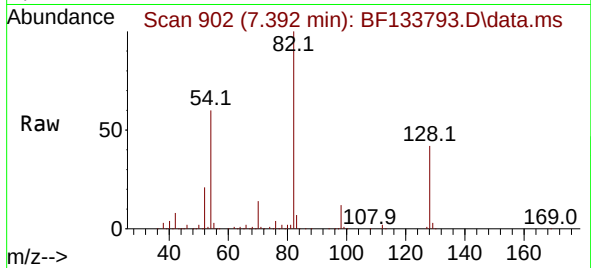




#25
Isophorone
Concen: 31.789 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

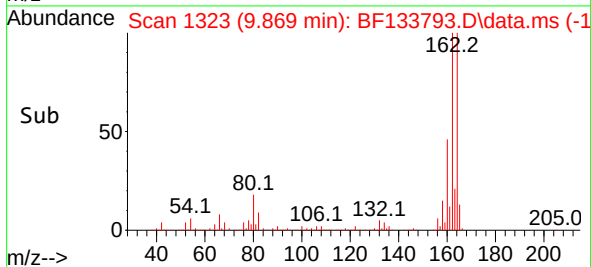
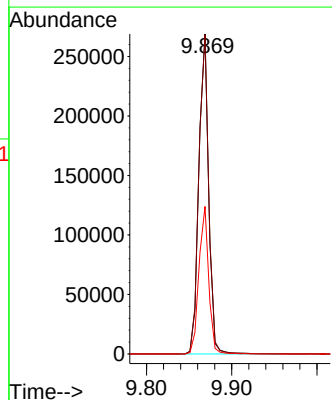
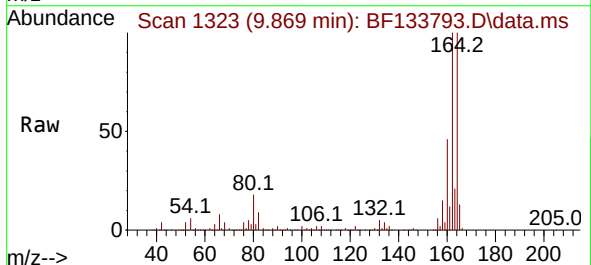
Instrument :
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ClientSampleId :
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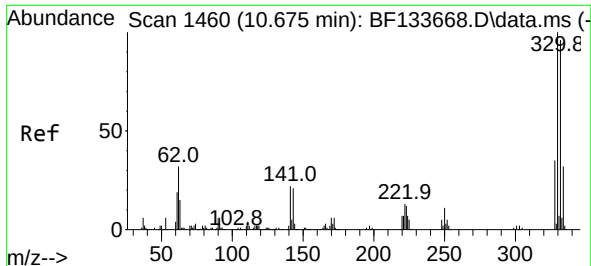
Tgt Ion: 82 Resp: 451313
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

Tgt Ion:164 Resp: 214588
Ion Ratio Lower Upper
164 100
162 99.8 80.8 121.2
160 46.1 36.7 55.1

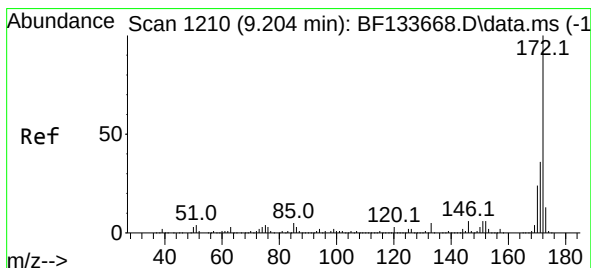
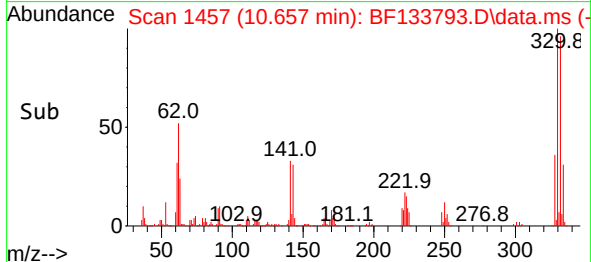
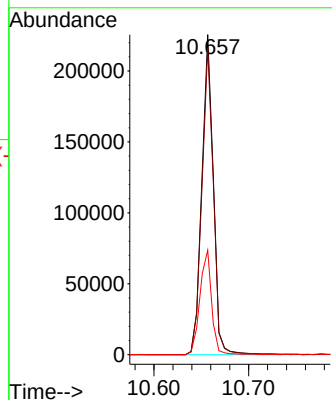
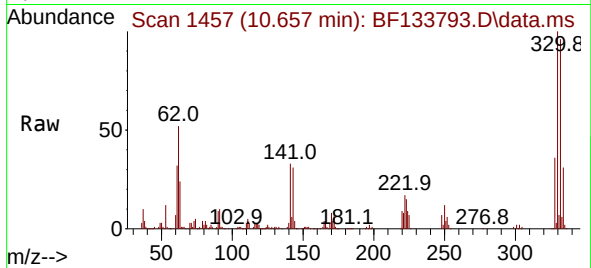




#42
2,4,6-Tribromophenol
Concen: 70.492 ng
RT: 10.657 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

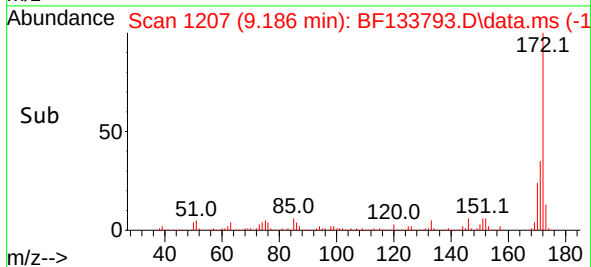
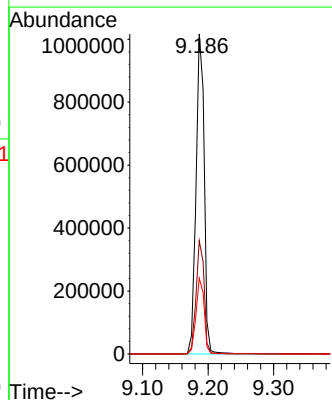
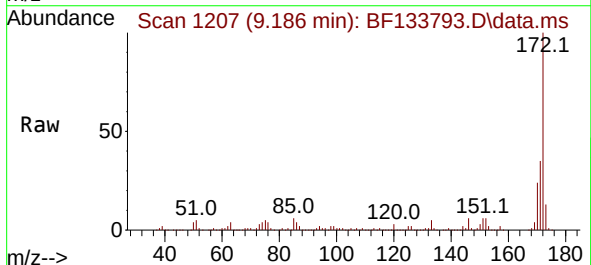
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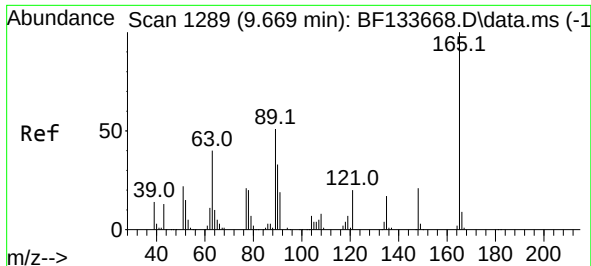
Tgt Ion: 330 Resp: 191478
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 33.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 58.649 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

Tgt Ion: 172 Resp: 885345
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.1 28.7

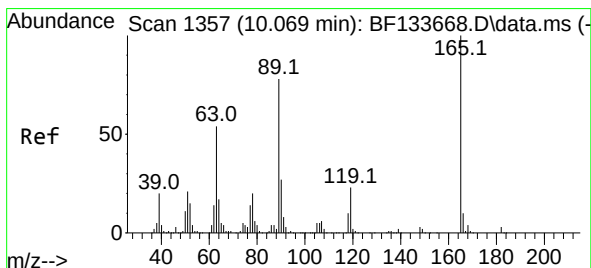
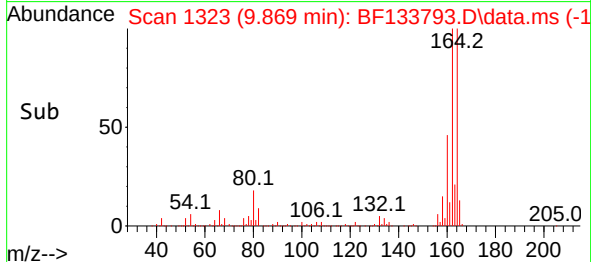
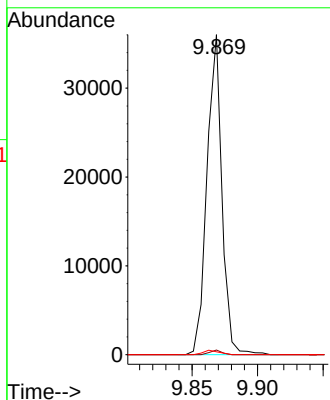
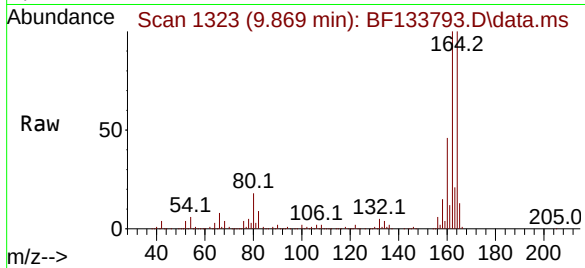




#51
2,6-Dinitrotoluene
Concen: 8.659 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

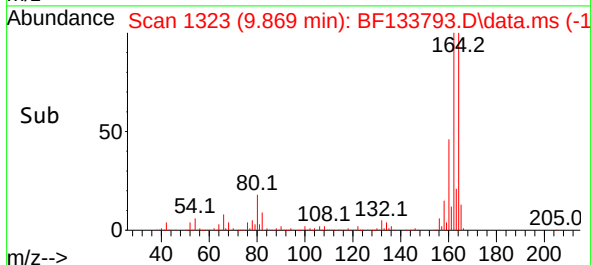
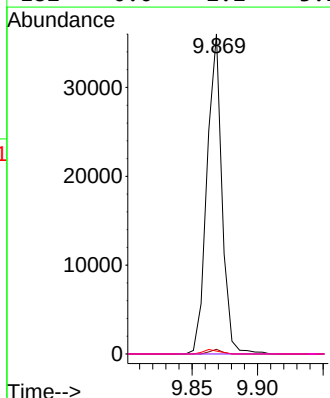
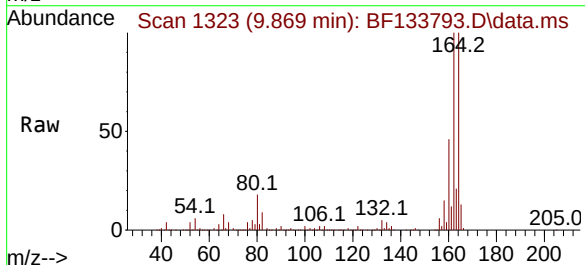
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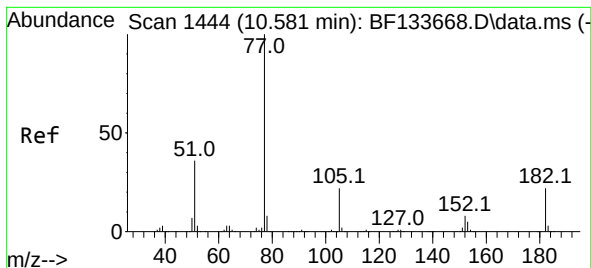
Tgt Ion:165 Resp: 28627
Ion Ratio Lower Upper
165 100
63 1.5 42.1 63.1#
89 0.9 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.808 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133793.D
Acq: 16 Jun 2023 01:04

Tgt Ion:165 Resp: 28627
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 0.9 62.6 93.8#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 5.040 ng

RT: 10.580 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF133793.D

Acq: 16 Jun 2023 01:04

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09

Tgt Ion: 77 Resp: 77784

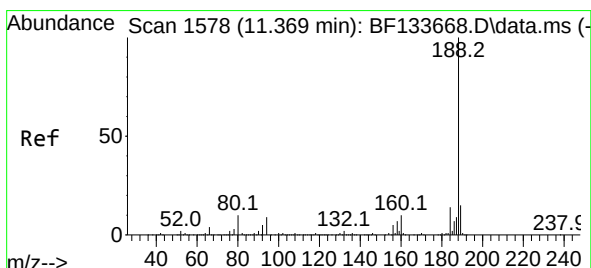
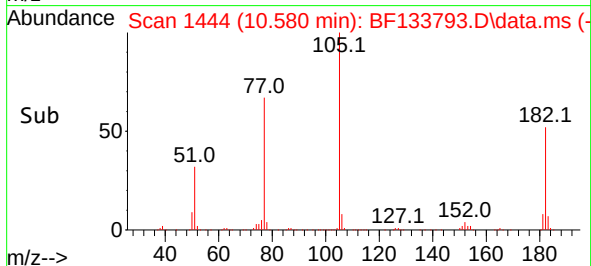
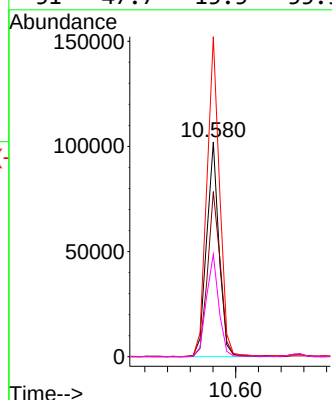
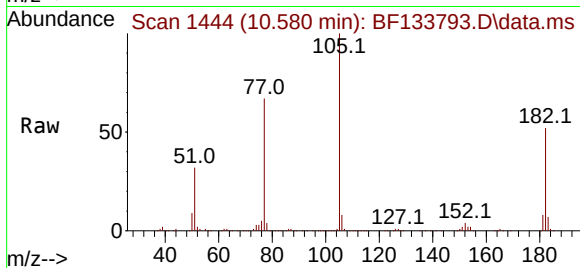
Ion Ratio Lower Upper

77 100

182 76.9 1.6 41.6#

105 149.0 1.6 41.6#

51 47.7 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF133793.D

Acq: 16 Jun 2023 01:04

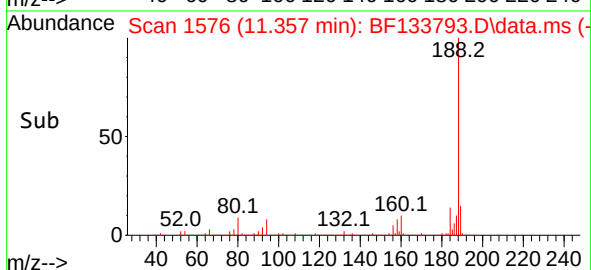
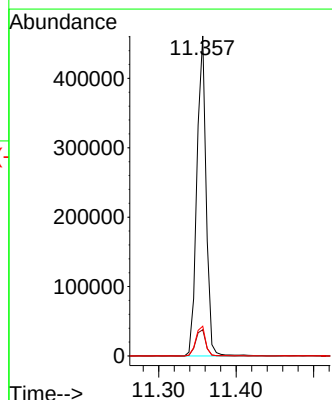
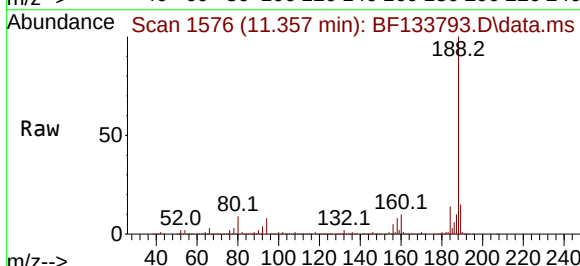
Tgt Ion:188 Resp: 381289

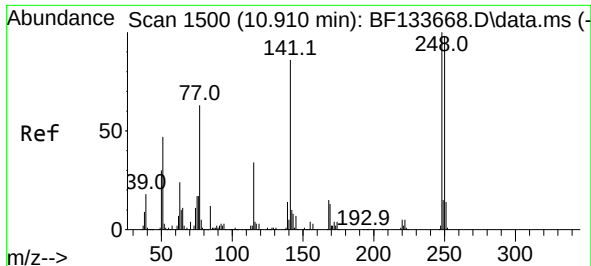
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 9.3 7.8 11.6





#67

4-Bromophenyl-phenylether

Concen: 2.854 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133793.D

Acq: 16 Jun 2023 01:04

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09

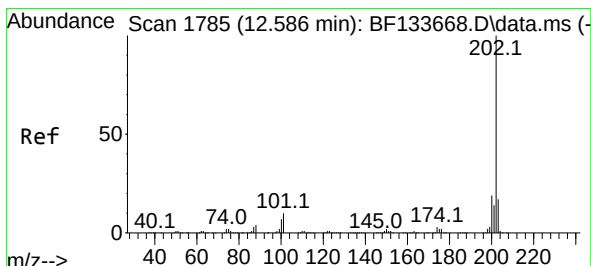
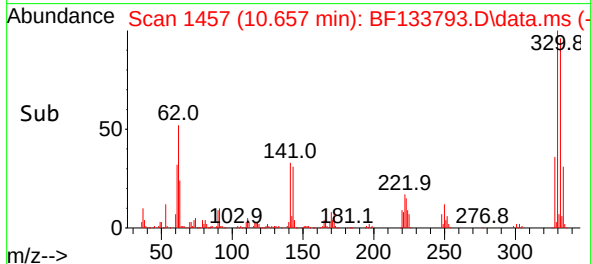
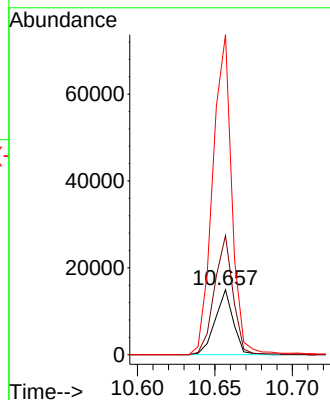
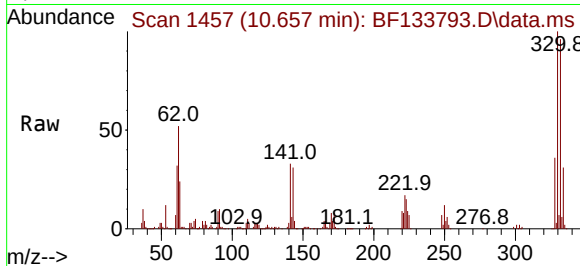
Tgt Ion:248 Resp: 12147

Ion Ratio Lower Upper

248 100

250 183.4 78.3 117.5#

141 492.2 69.0 103.6#



#75

Fluoranthene

Concen: 2.371 ng

RT: 12.568 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BF133793.D

Acq: 16 Jun 2023 01:04

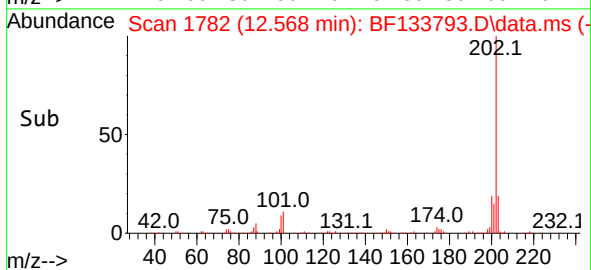
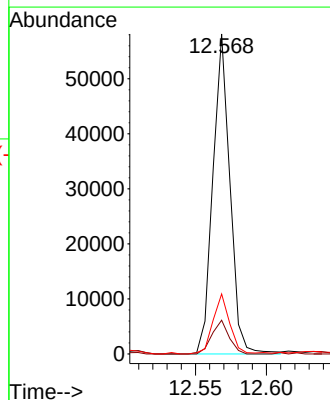
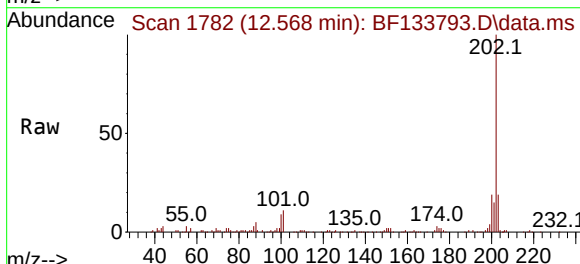
Tgt Ion:202 Resp: 48712

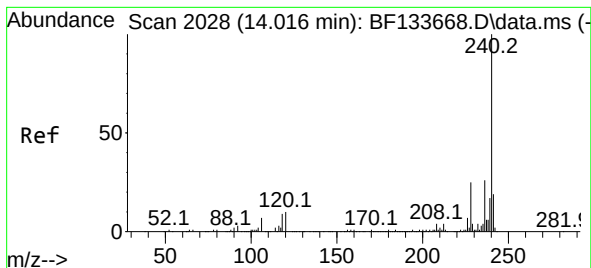
Ion Ratio Lower Upper

202 100

101 10.5 0.0 29.6

203 18.7 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF133793.D

Acq: 16 Jun 2023 01:04

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09

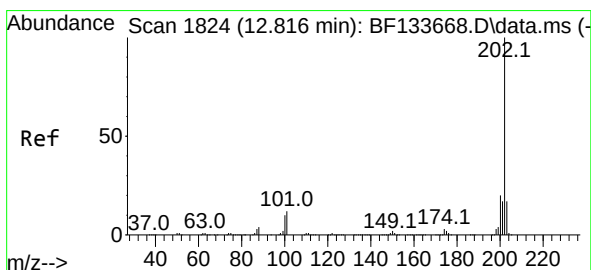
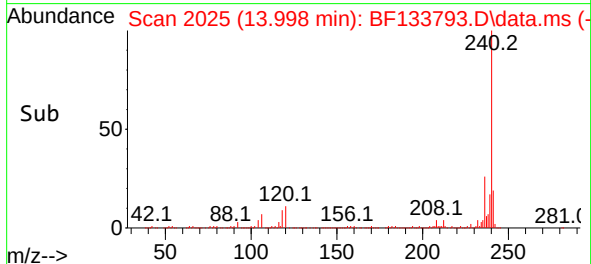
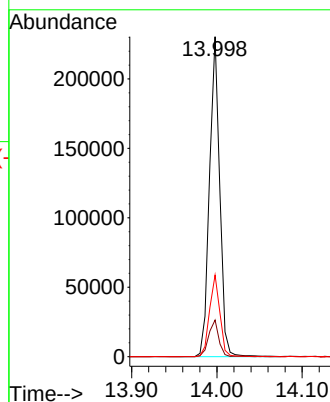
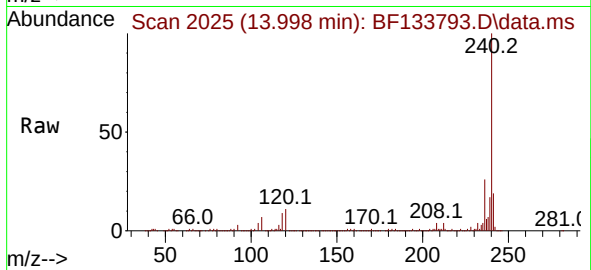
Tgt Ion:240 Resp: 192395

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

236 25.5 20.5 30.7



#78

Pyrene

Concen: 2.712 ng

RT: 12.798 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF133793.D

Acq: 16 Jun 2023 01:04

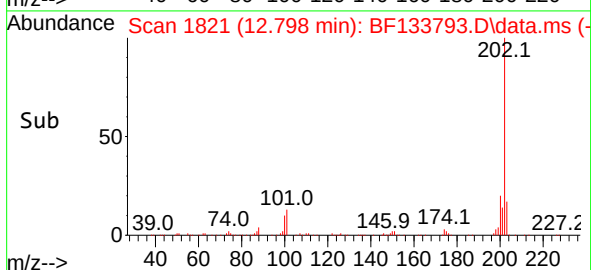
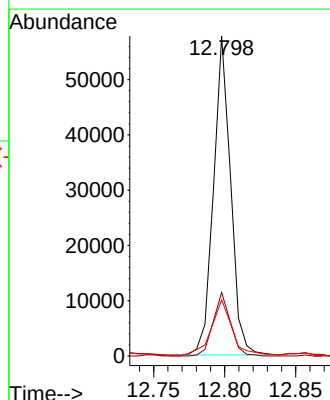
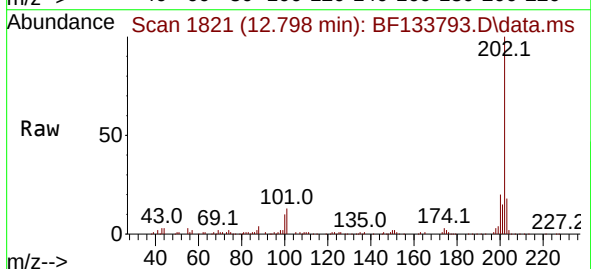
Tgt Ion:202 Resp: 48601

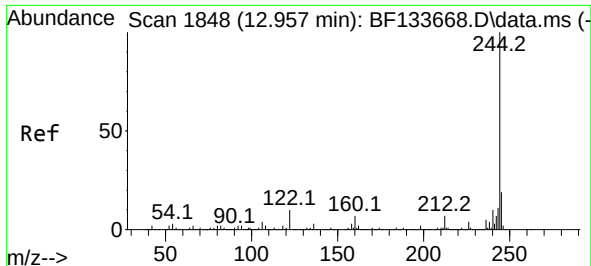
Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

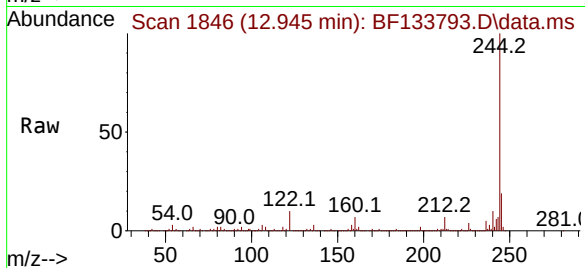
203 17.5 13.9 20.9





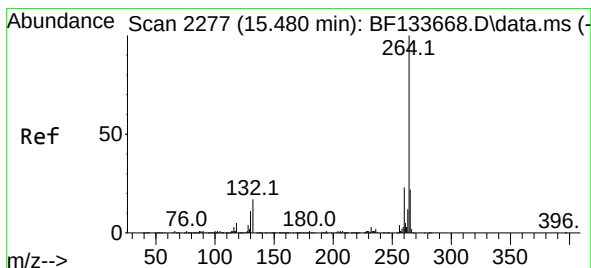
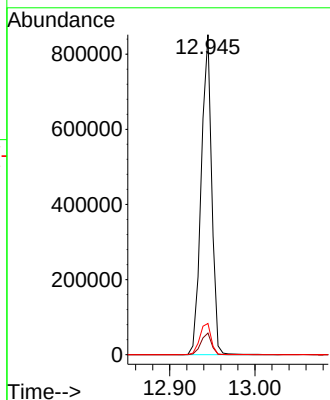
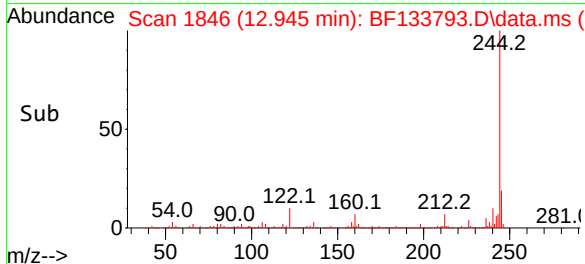
#79
 Terphenyl-d14
 Concen: 58.629 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF133793.D
 Acq: 16 Jun 2023 01:04

Instrument :
 BNA_F
 ClientSampleId :
 OR-402-COMP-09



Tgt Ion:244 Resp: 728986

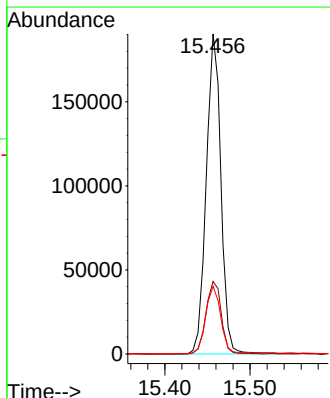
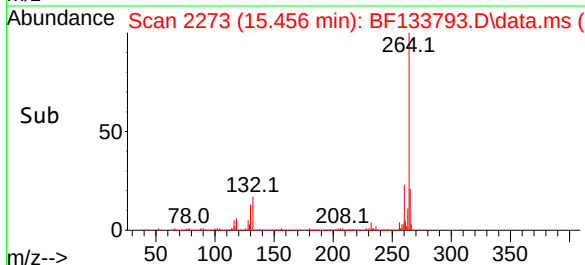
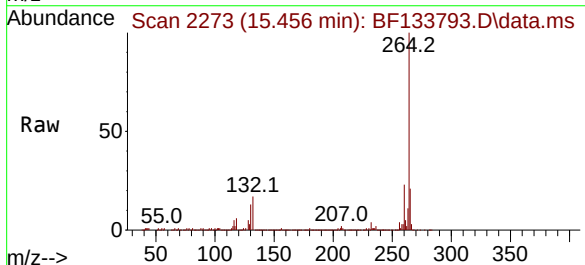
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	9.7	8.1	12.1

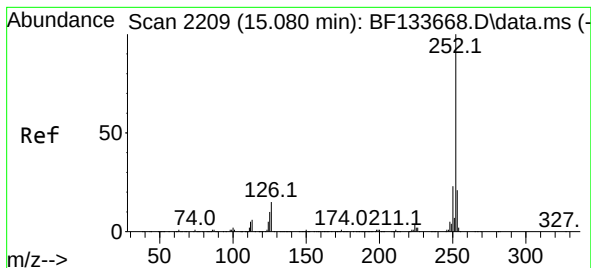


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF133793.D
 Acq: 16 Jun 2023 01:04

Tgt Ion:264 Resp: 227287

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.1	17.8	26.6





#89

Benzo(k)fluoranthene

Concen: 2.028 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF133793.D

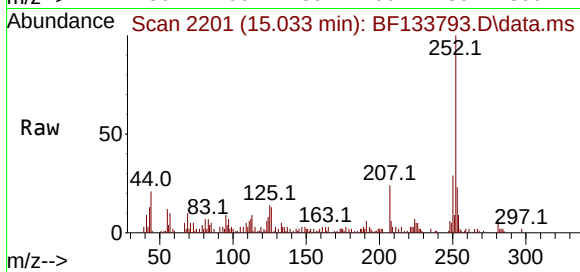
Acq: 16 Jun 2023 01:04

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09



Tgt Ion:252 Resp: 27270

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

125 13.8 7.8 11.6#

