

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133787.D
 Acq On : 15 Jun 2023 21:52
 Operator : CG\JU
 Sample : 03117-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2GA

Quant Time: Jun 16 03:00:36 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)

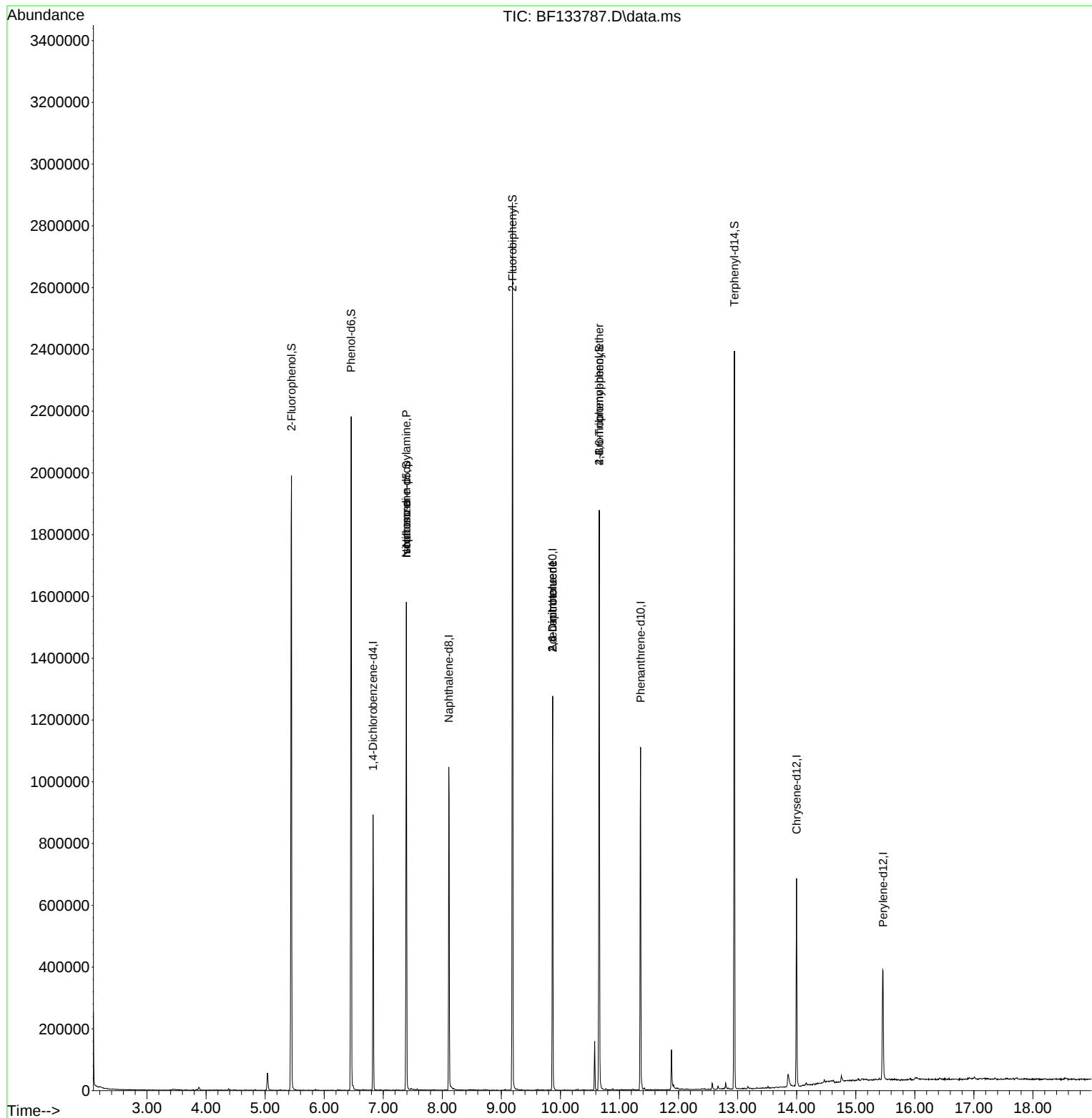
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	119516	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	459890	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	235417	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	403817	20.000	ng	0.00
76) Chrysene-d12	13.998	240	207263	20.000	ng	0.00
86) Perylene-d12	15.462	264	175504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	522325	76.083	ng	0.00
7) Phenol-d6	6.457	99	671183	75.109	ng	0.00
23) Nitrobenzene-d5	7.392	82	428518	50.751	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	211060	70.826	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	838224	50.614	ng	0.00
79) Terphenyl-d14	12.945	244	766900	57.254	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	59506	10.466	ng	# 78
25) Isophorone	7.392	82	428510	27.644	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	30549	8.423	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	30549	6.623	ng	# 20
67) 4-Bromophenyl-phenylether	10.657	248	13389	2.971	ng	# 1

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

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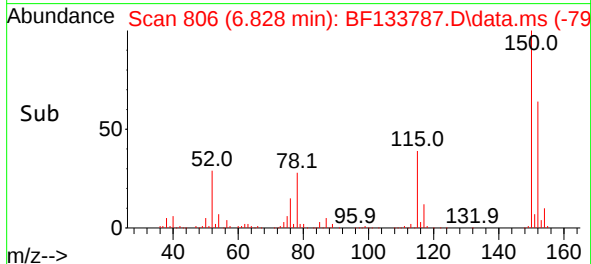
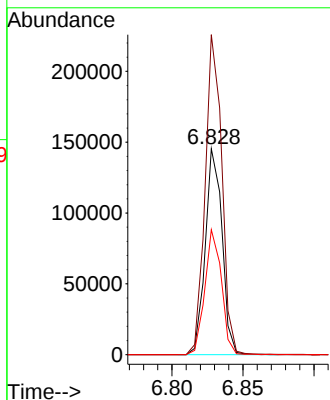
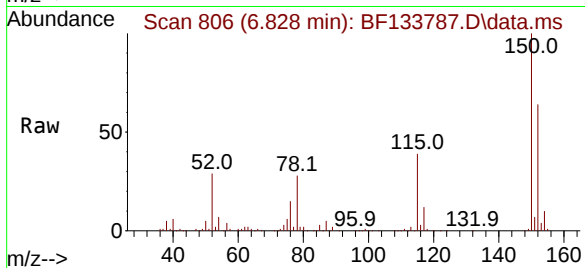




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

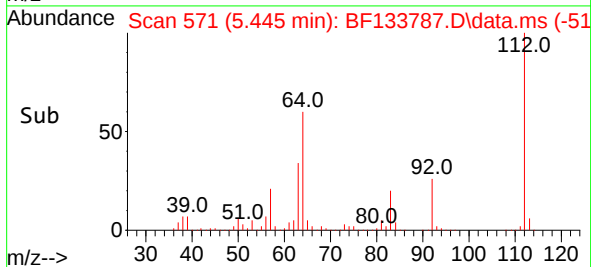
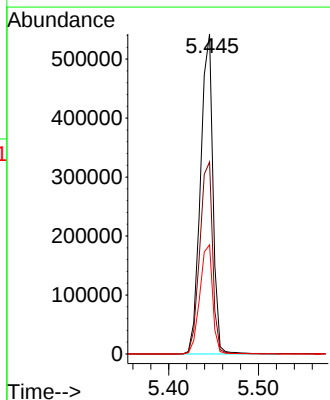
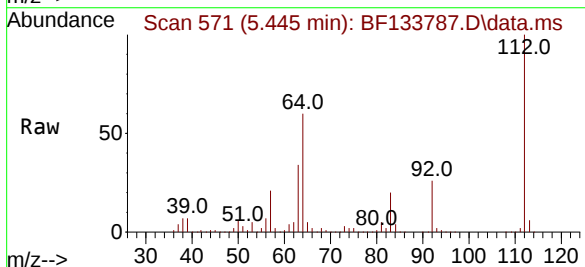
Instrument :
BNA_F
ClientSampleId :
TP-2GA

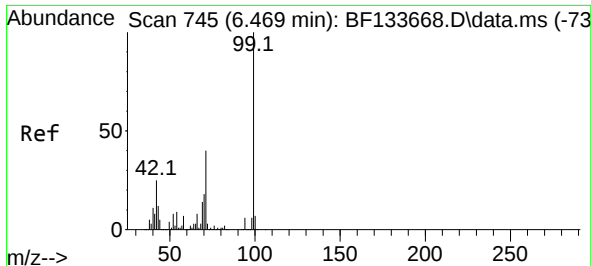
Tgt Ion:152 Resp: 119516
Ion Ratio Lower Upper
152 100
150 155.4 124.3 186.5
115 60.7 48.5 72.7



#5
2-Fluorophenol
Concen: 76.083 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

Tgt Ion:112 Resp: 522325
Ion Ratio Lower Upper
112 100
64 60.0 49.0 73.4
63 34.1 26.8 40.2





#7

Phenol-d6

Concen: 75.109 ng

RT: 6.457 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF133787.D

Acq: 15 Jun 2023 21:52

Instrument :

BNA_F

ClientSampleId :

TP-2GA

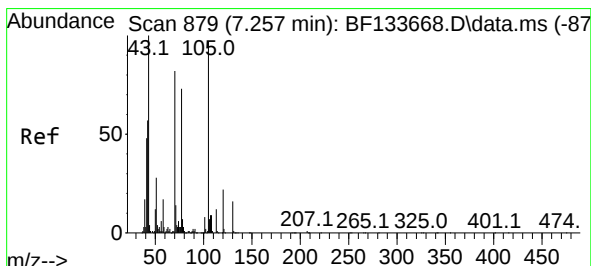
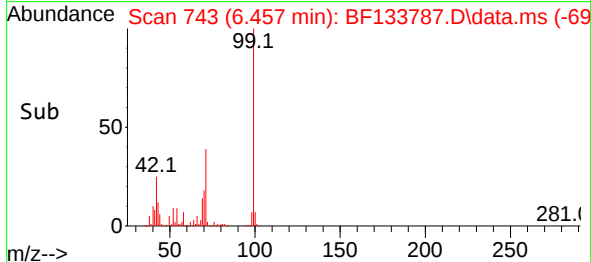
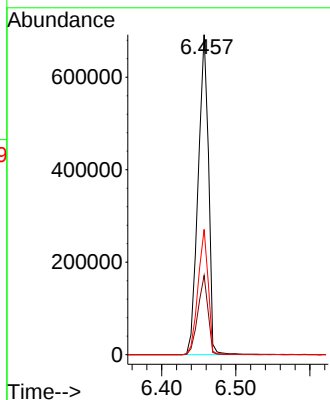
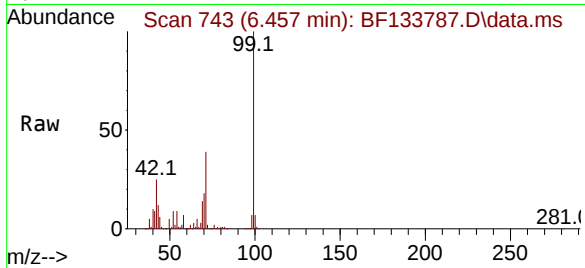
Tgt Ion: 99 Resp: 671183

Ion Ratio Lower Upper

99 100

42 24.7 19.9 29.9

71 39.2 32.2 48.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.466 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.147 min

Lab File: BF133787.D

Acq: 15 Jun 2023 21:52

Tgt Ion: 70 Resp: 59506

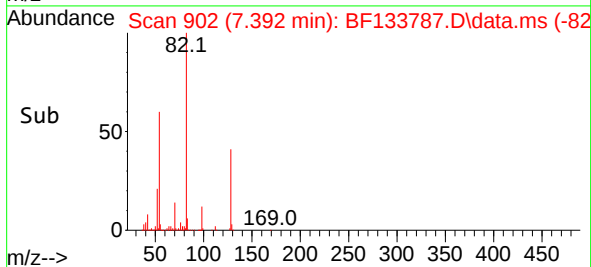
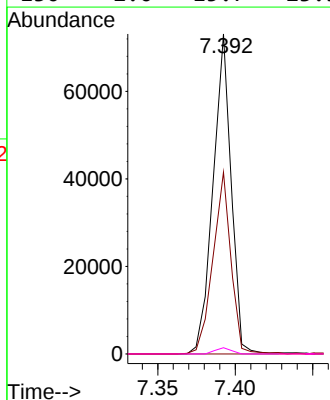
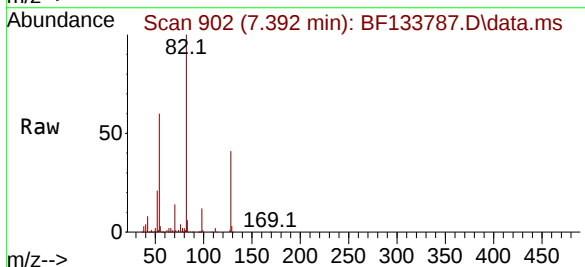
Ion Ratio Lower Upper

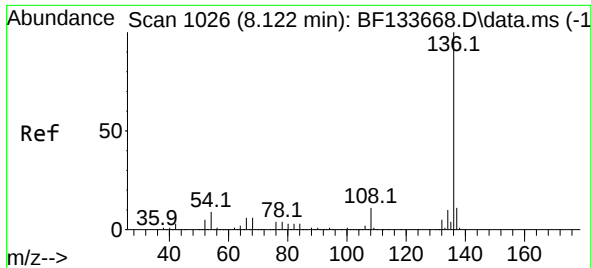
70 100

42 56.8 55.8 83.8

101 0.0 8.1 12.1#

130 2.0 15.7 23.5#

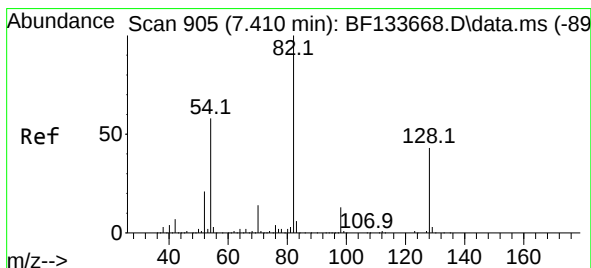
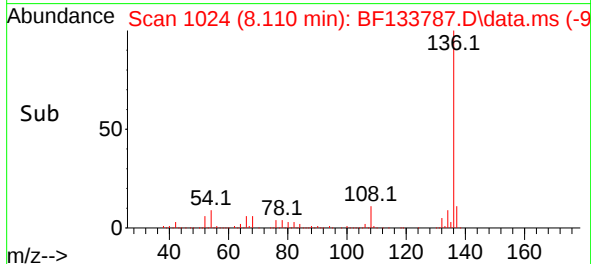
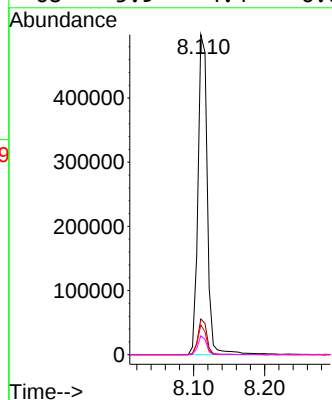
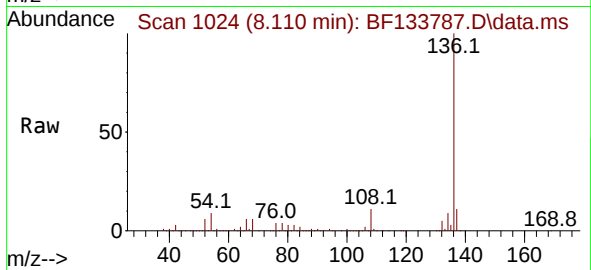




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

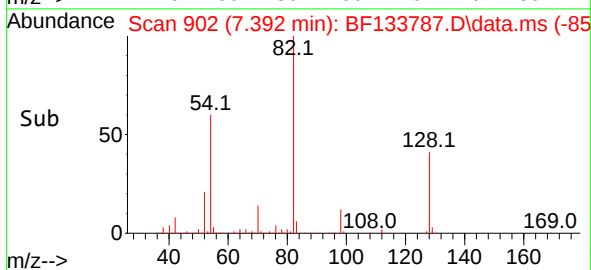
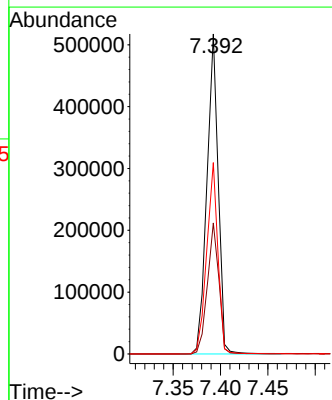
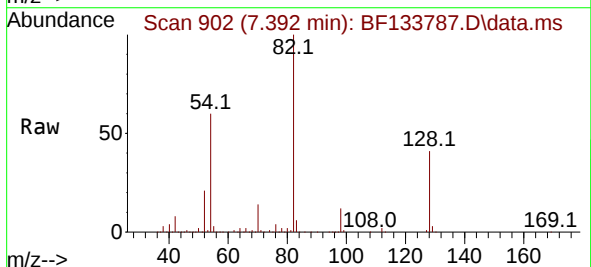
Instrument :
BNA_F
ClientSampleId :
TP-2GA

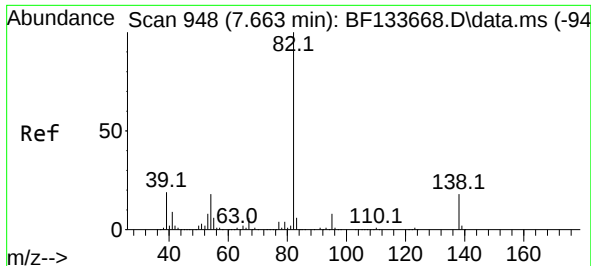
Tgt Ion:136 Resp: 459890
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 7.4 11.0
68 5.9 4.4 6.6



#23
Nitrobenzene-d5
Concen: 50.751 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

Tgt Ion: 82 Resp: 428518
Ion Ratio Lower Upper
82 100
128 40.9 34.2 51.2
54 59.8 46.5 69.7

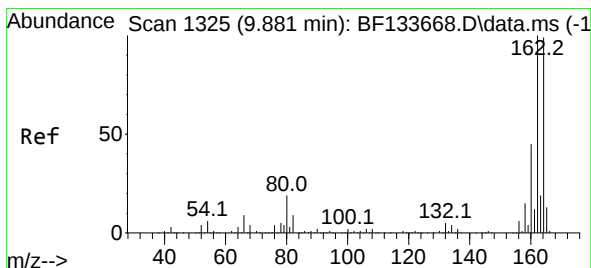
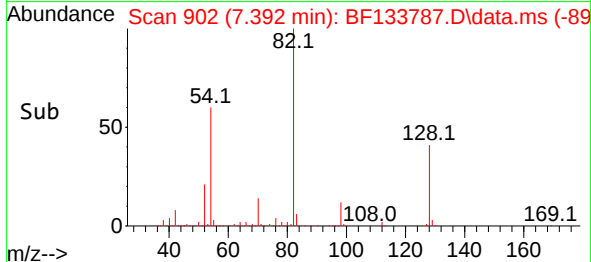
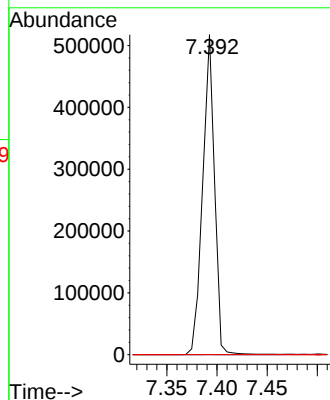
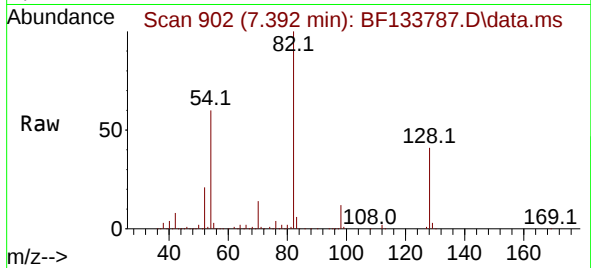




#25
Isophorone
Concen: 27.644 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

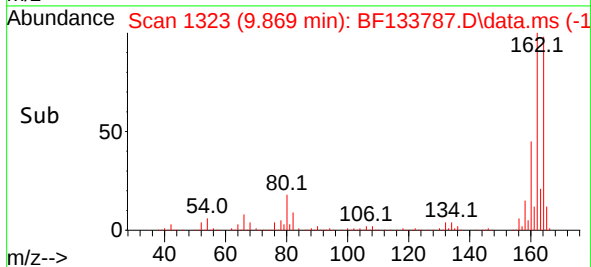
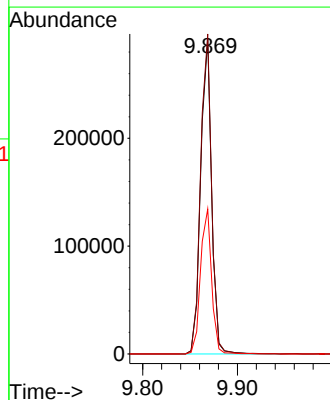
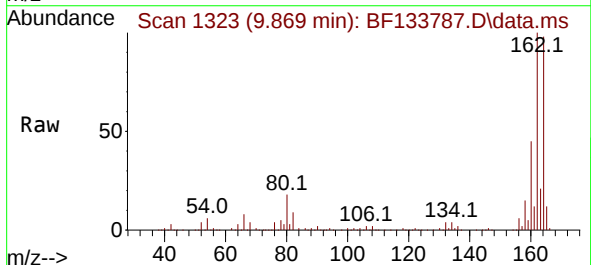
Instrument :
BNA_F
ClientSampleId :
TP-2GA

Tgt Ion: 82 Resp: 428510
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: BF133787.D
Acq: 15 Jun 2023 21:52

Tgt Ion:164 Resp: 235417
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 46.0 36.7 55.1

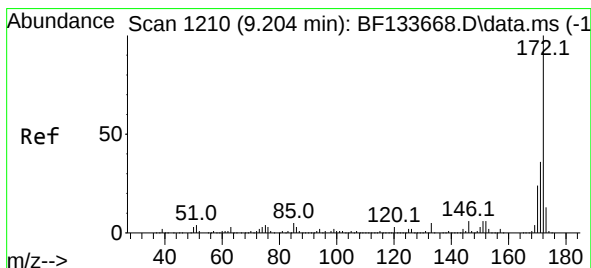
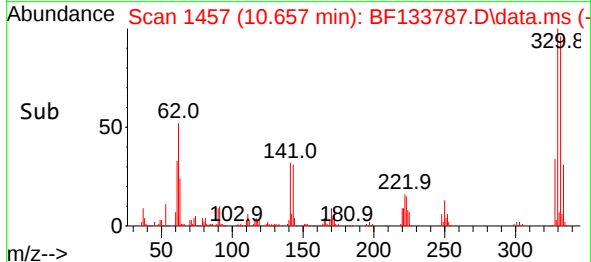
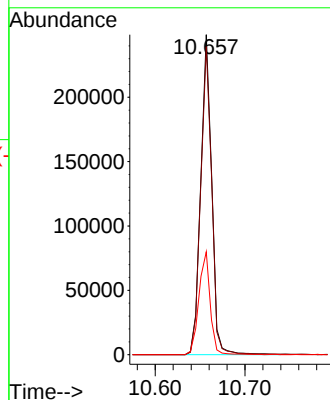
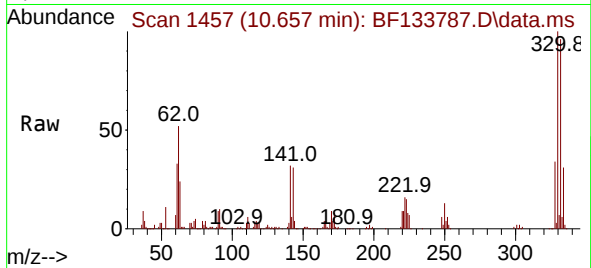




#42
2,4,6-Tribromophenol
Concen: 70.826 ng
RT: 10.657 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

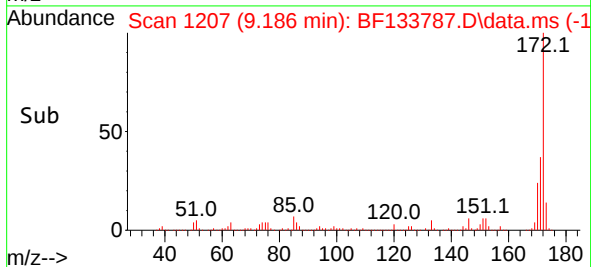
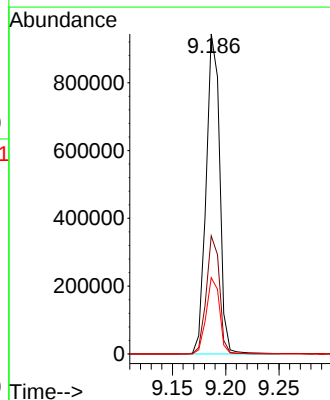
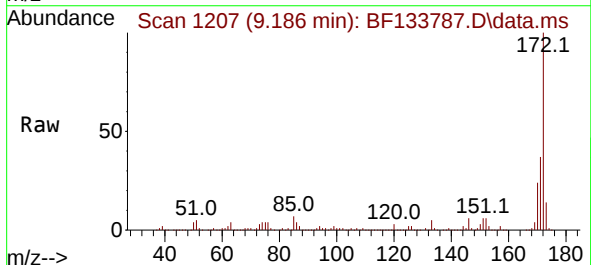
Instrument :
BNA_F
ClientSampleId :
TP-2GA

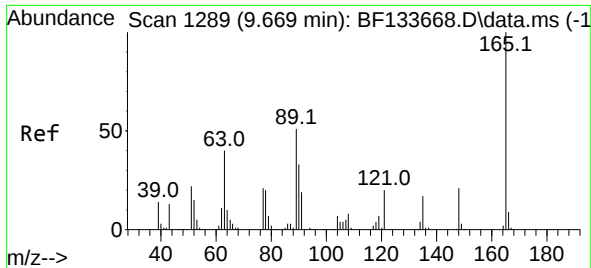
Tgt Ion:330 Resp: 211060
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 33.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 50.614 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

Tgt Ion:172 Resp: 838224
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.8 19.1 28.7

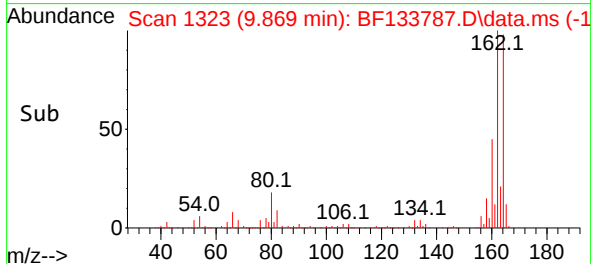
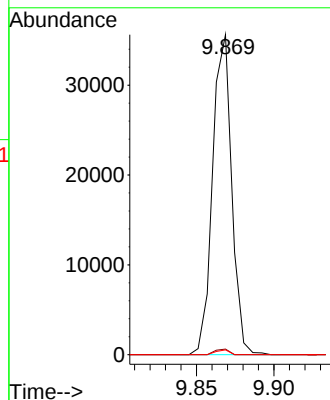
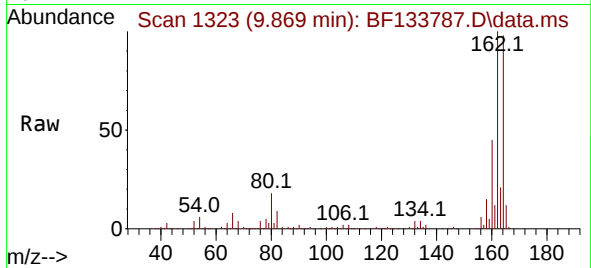




#51
2,6-Dinitrotoluene
Concen: 8.423 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

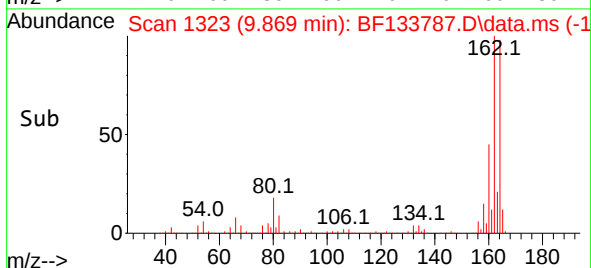
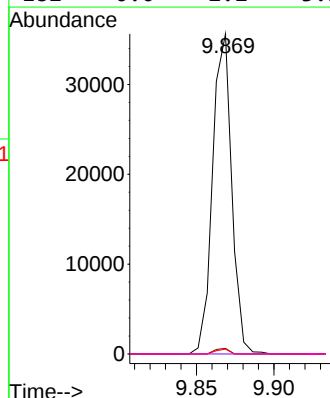
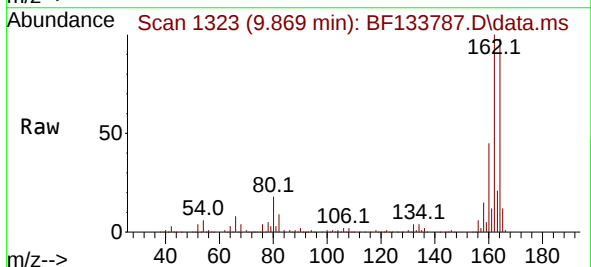
Instrument :
BNA_F
ClientSampleId :
TP-2GA

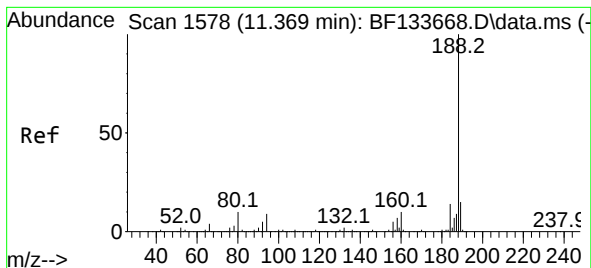
Tgt Ion:165 Resp: 30549
Ion Ratio Lower Upper
165 100
63 1.8 42.1 63.1#
89 1.5 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.623 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

Tgt Ion:165 Resp: 30549
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.5 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133787.D

Acq: 15 Jun 2023 21:52

Instrument :

BNA_F

ClientSampleId :

TP-2GA

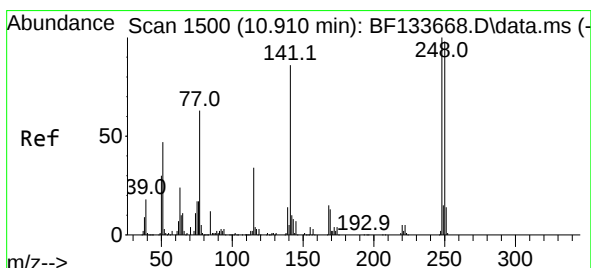
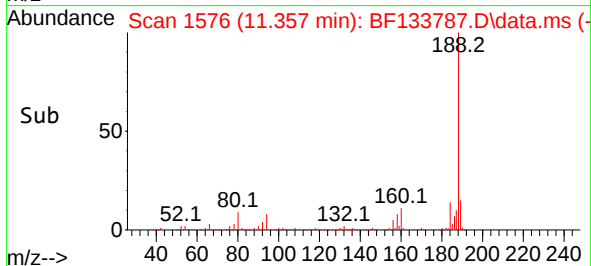
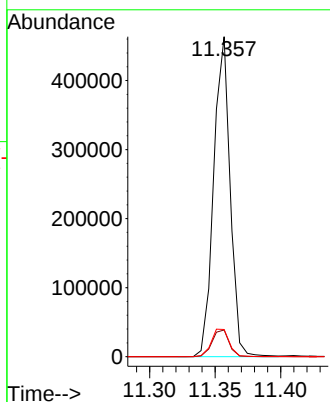
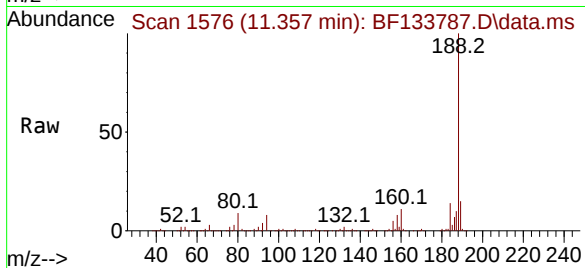
Tgt Ion:188 Resp: 403817

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 8.5 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 2.971 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133787.D

Acq: 15 Jun 2023 21:52

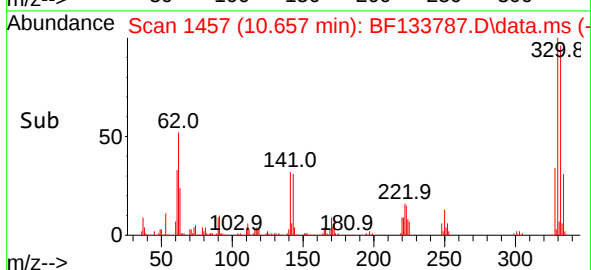
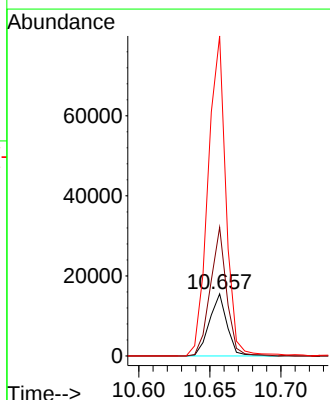
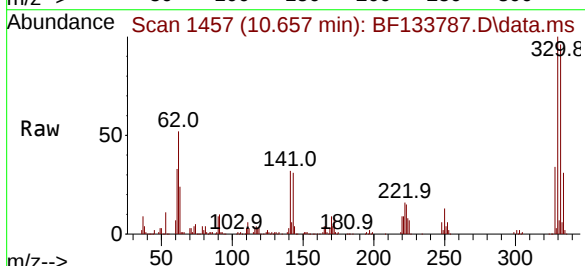
Tgt Ion:248 Resp: 13389

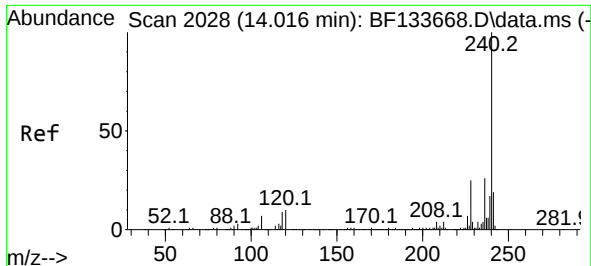
Ion Ratio Lower Upper

248 100

250 207.0 78.3 117.5#

141 514.9 69.0 103.6#

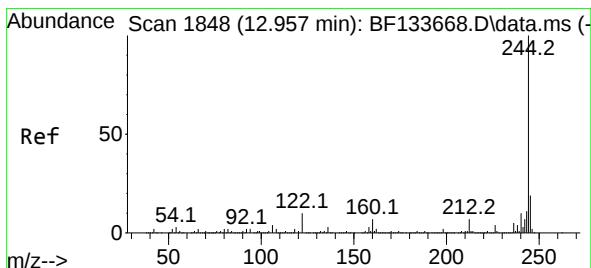
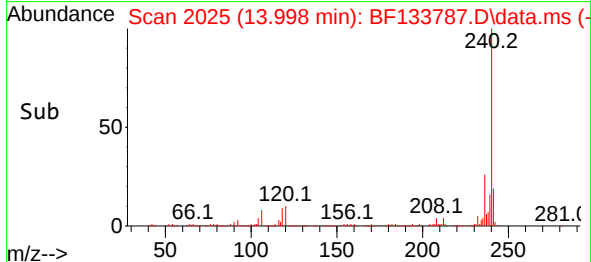
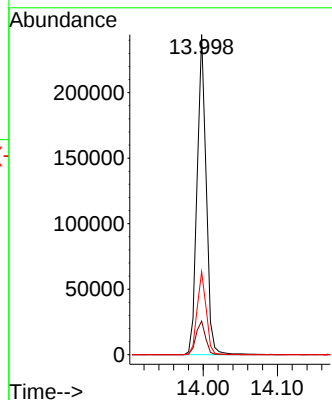
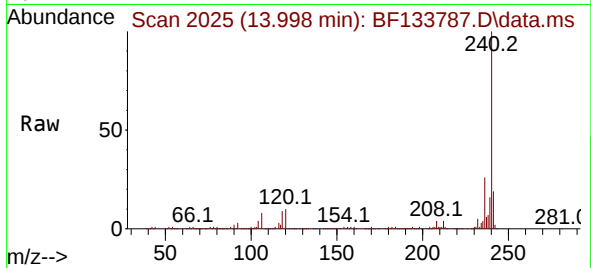




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

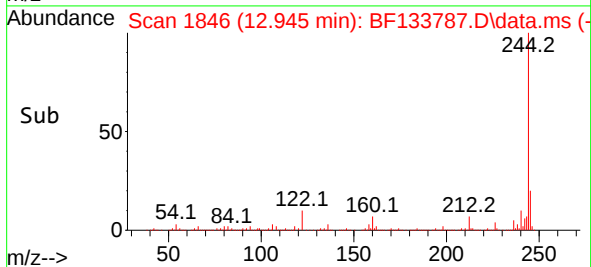
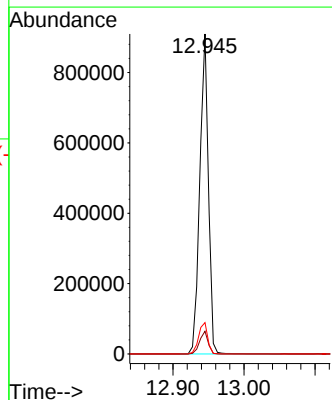
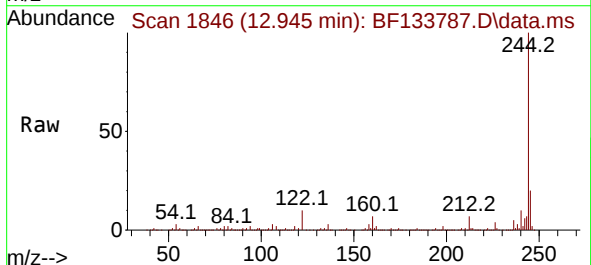
Instrument :
BNA_F
ClientSampleId :
TP-2GA

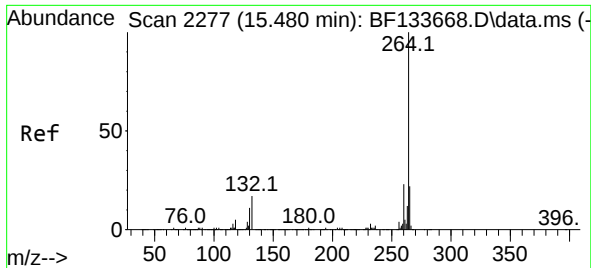
Tgt Ion:240 Resp: 207263
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 25.9 20.5 30.7



#79
Terphenyl-d14
Concen: 57.254 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

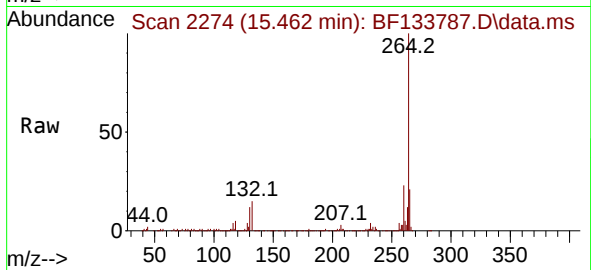
Tgt Ion:244 Resp: 766900
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.8 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

Instrument :
BNA_F
ClientSampleId :
TP-2GA



Tgt Ion:264 Resp: 175504

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	20.7	17.8	26.6

