

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133544.D
 Acq On : 31 May 2023 17:49
 Operator : CG\JU
 Sample : 02957-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-0A

Quant Time: May 31 18:14:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	138464	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	539472	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	270311	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	535536	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	389526	20.000	ng	-0.01
86) Perylene-d12	15.451	264	316357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1028698	123.956	ng	0.01
7) Phenol-d6	6.457	99	1172312	114.752	ng	0.00
23) Nitrobenzene-d5	7.392	82	890093	110.164	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	423397	157.134	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1542169	88.056	ng	0.00
79) Terphenyl-d14	12.951	244	1910831	87.220	ng	0.00

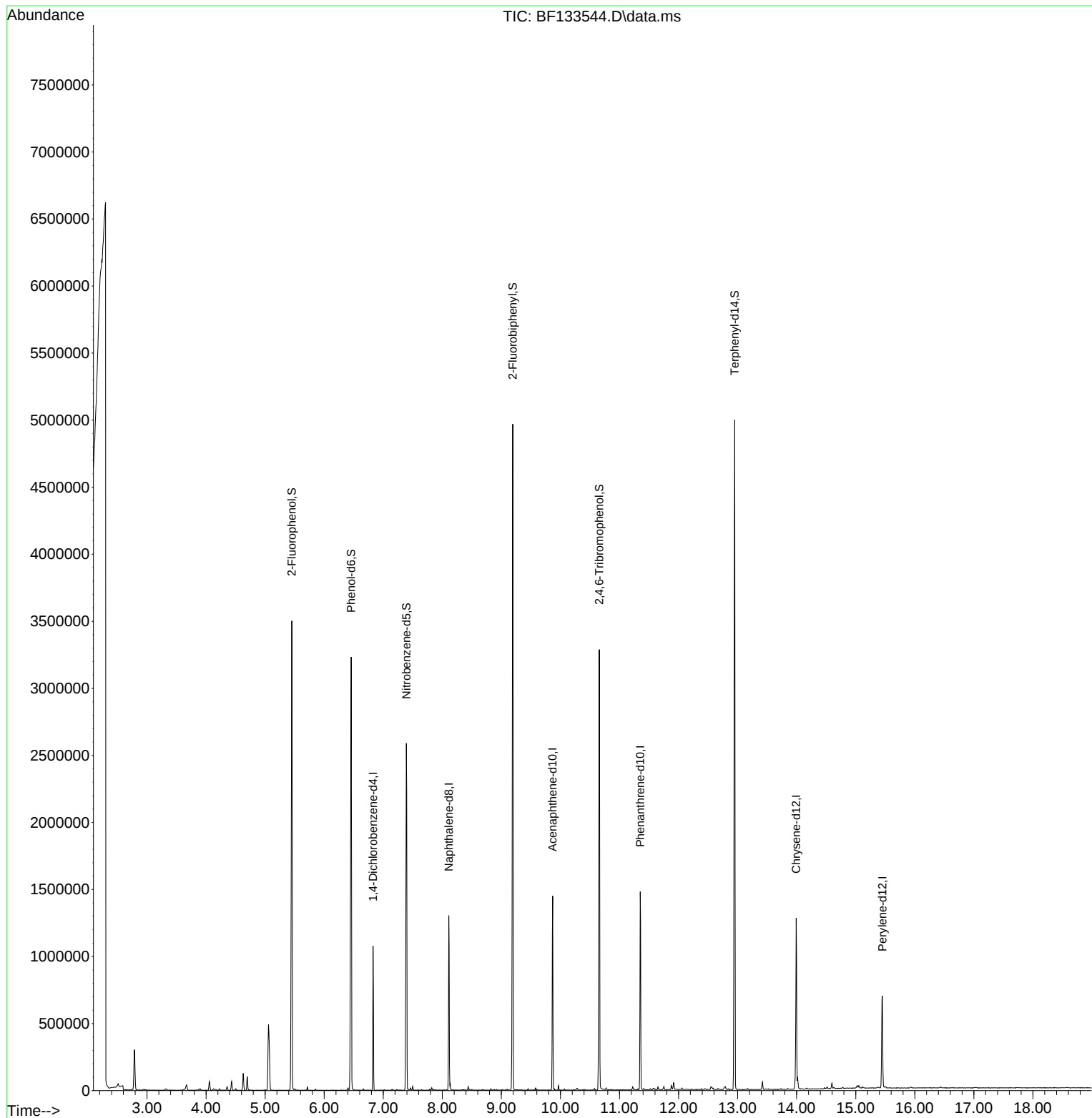
Target Compounds	Qvalue

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

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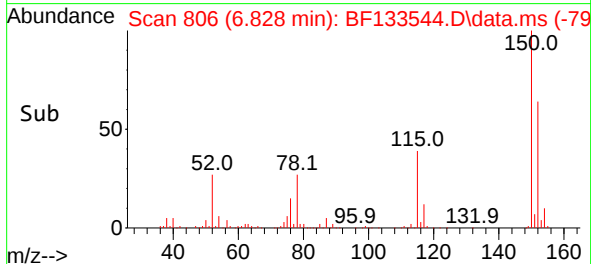
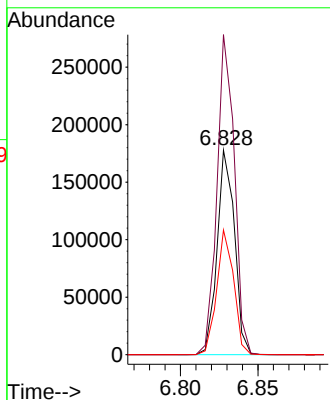
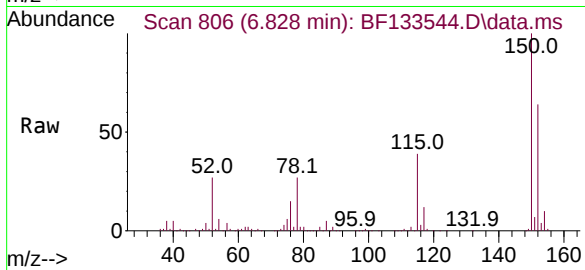




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

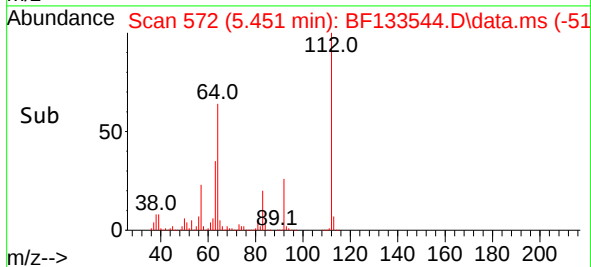
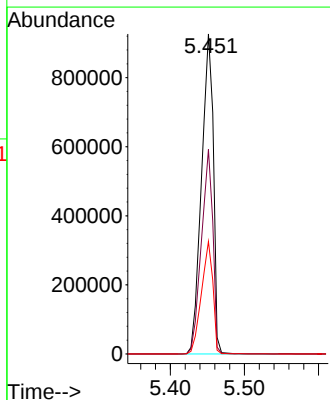
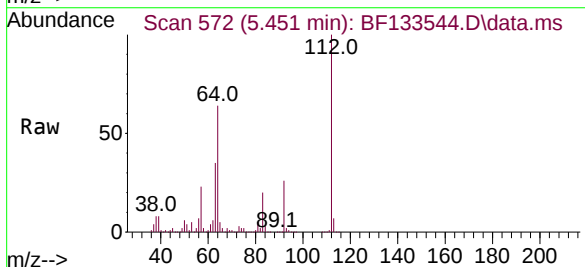
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

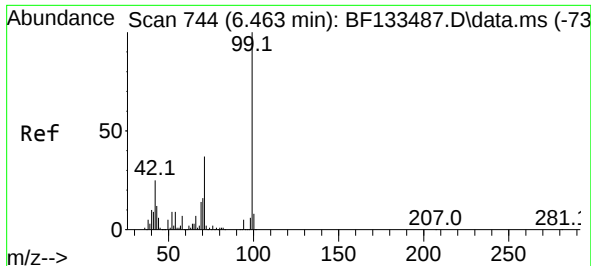
Tgt Ion:152 Resp: 138464
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 123.956 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Tgt Ion:112 Resp: 1028698
Ion Ratio Lower Upper
112 100
64 63.9 50.1 75.1
63 35.2 27.5 41.3



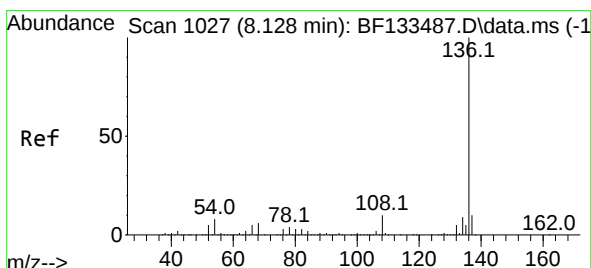
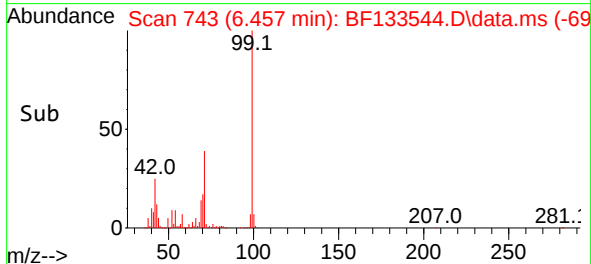
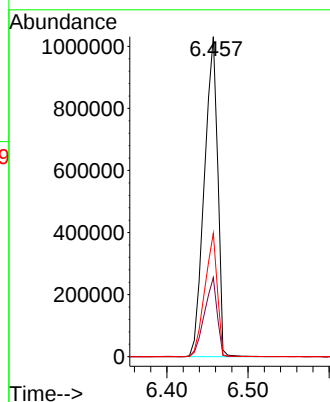
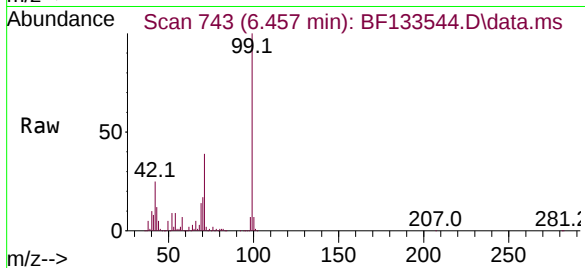


#7
Phenol-d6
Concen: 114.752 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Instrument :
BNA_F
ClientSampleId :
TP-9-0A

Tgt Ion: 99 Resp: 1172312

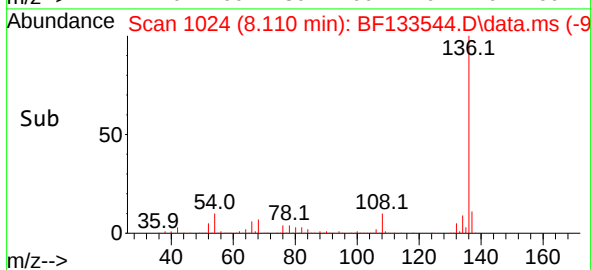
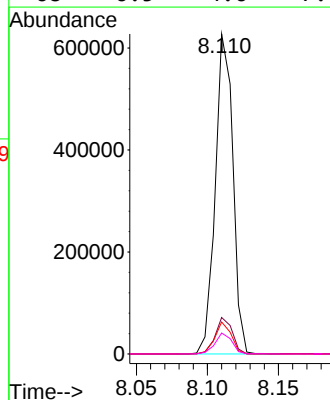
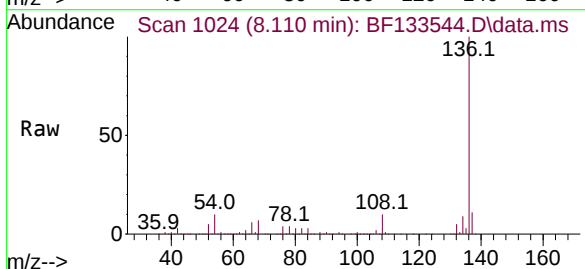
Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.7	29.5
71	38.6	29.8	44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Tgt Ion: 136 Resp: 539472

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	10.0	6.6	10.0
68	6.5	4.6	7.0





#23

Nitrobenzene-d5

Concen: 110.164 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

Instrument :

BNA_F

ClientSampleId :

TP-9-0A

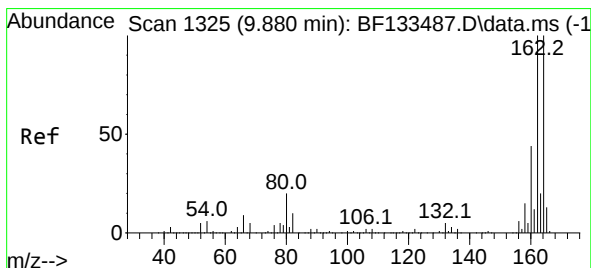
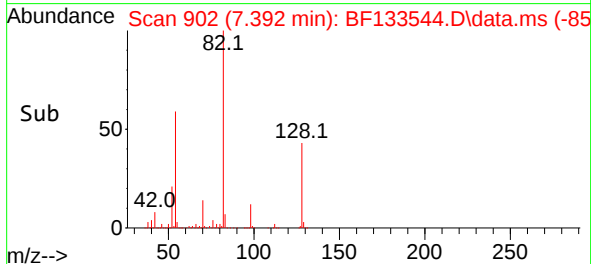
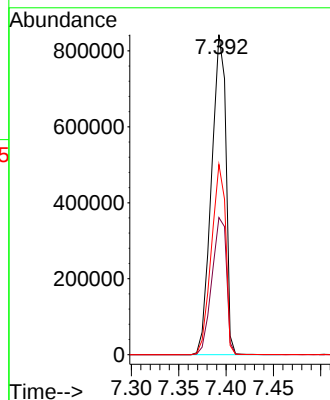
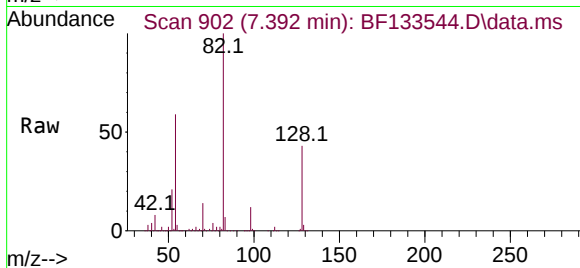
Tgt Ion: 82 Resp: 890093

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.4

54 59.5 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

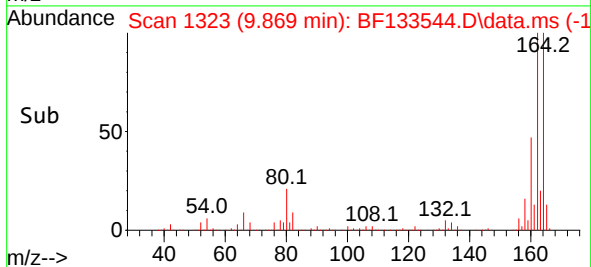
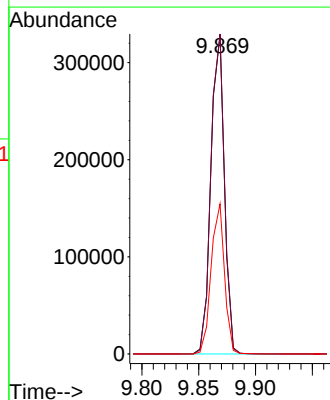
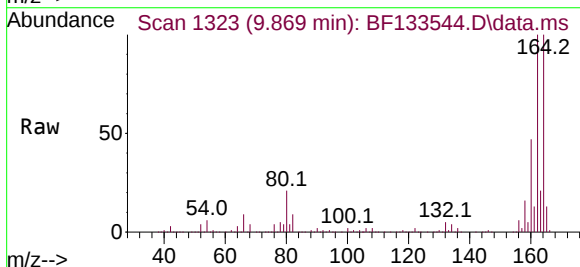
Tgt Ion:164 Resp: 270311

Ion Ratio Lower Upper

164 100

162 100.3 79.7 119.5

160 47.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 157.134 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

Instrument :

BNA_F

ClientSampleId :

TP-9-0A

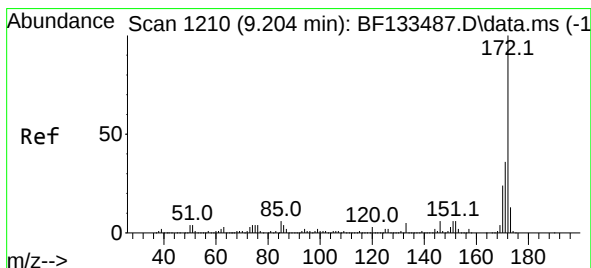
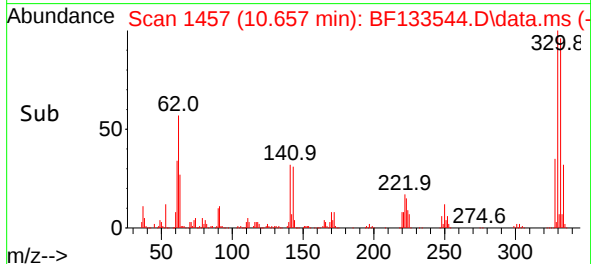
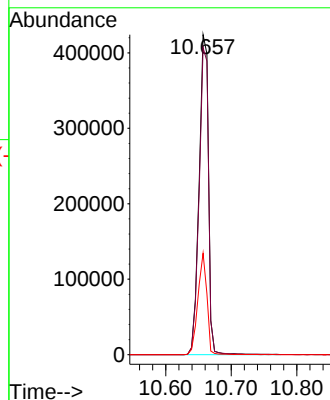
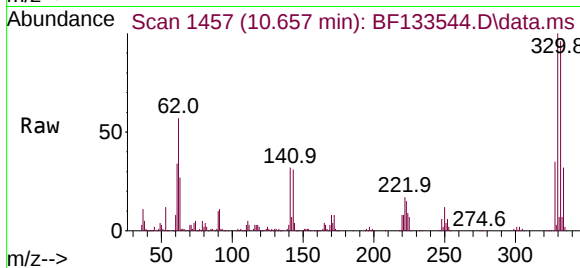
Tgt Ion:330 Resp: 423397

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 30.5 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 88.056 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

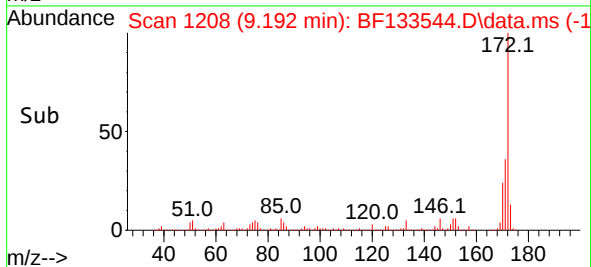
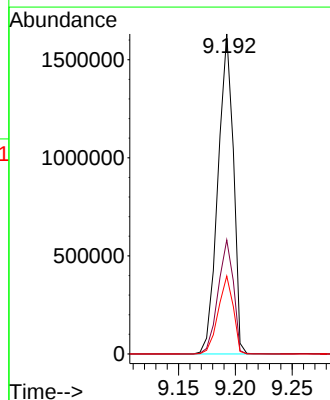
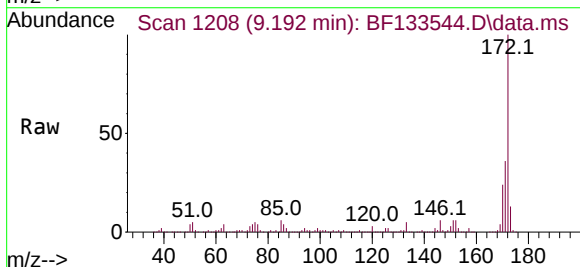
Tgt Ion:172 Resp: 1542169

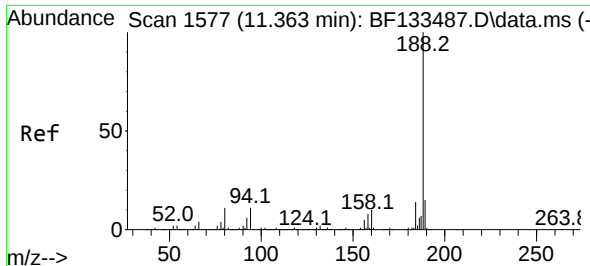
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.3 19.3 28.9

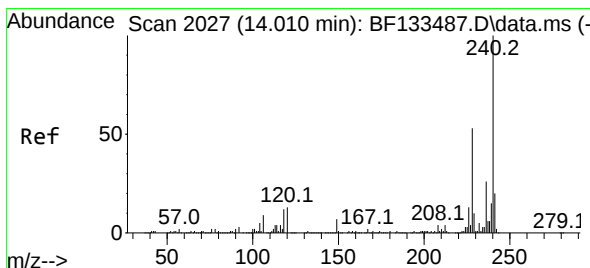
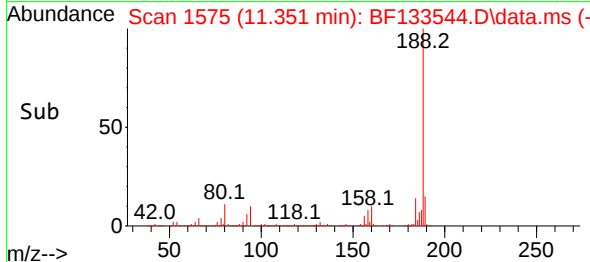
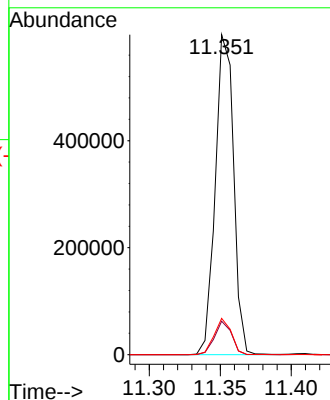
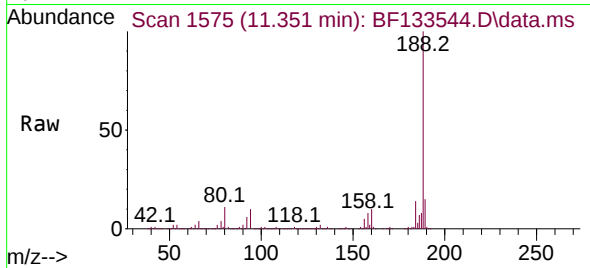




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

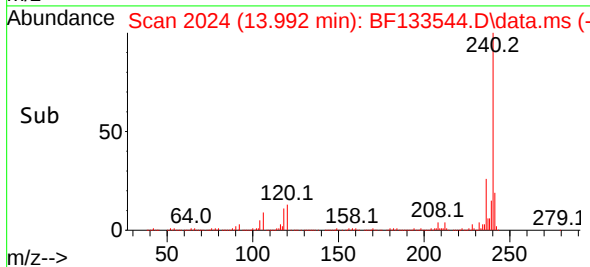
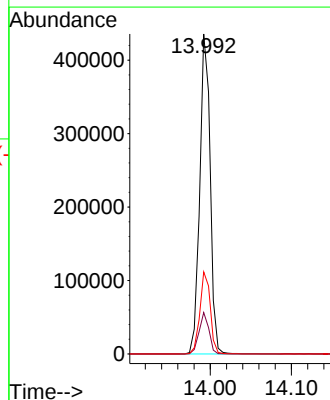
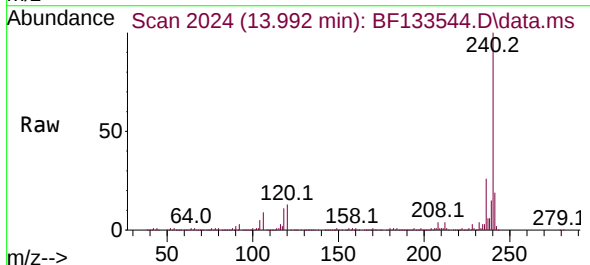
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

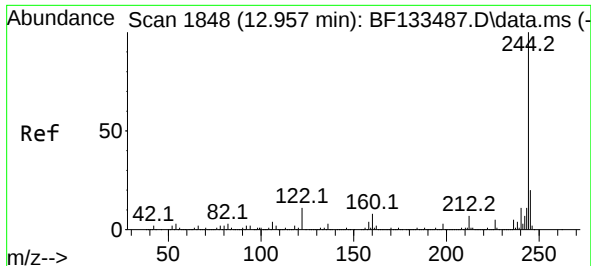
Tgt Ion:188 Resp: 535536
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 11.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

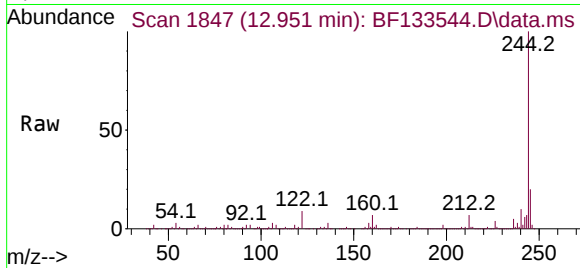
Tgt Ion:240 Resp: 389526
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 25.7 20.5 30.7



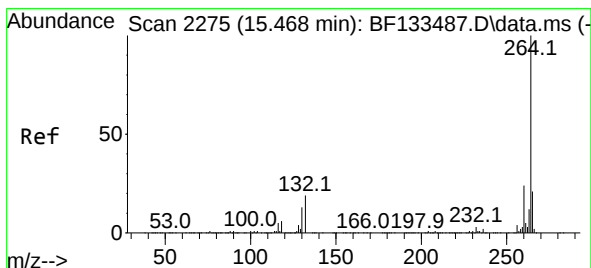
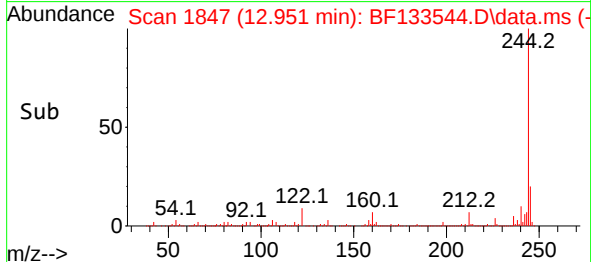
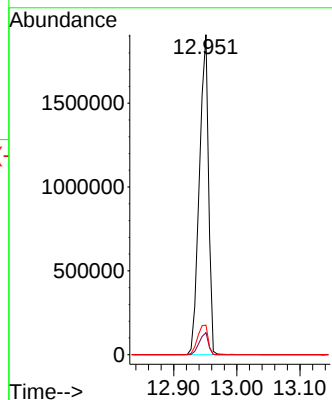


#79
 Terphenyl-d14
 Concen: 87.220 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133544.D
 Acq: 31 May 2023 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-0A



Tgt Ion:244 Resp: 1910831
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133544.D
 Acq: 31 May 2023 17:49

Tgt Ion:264 Resp: 316357
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.4 16.8 25.2

