

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139066.D
 Acq On : 19 Aug 2024 10:10
 Operator : RC/JU
 Sample : PB162549BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162549BL

Quant Time: Aug 19 10:56:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	41449	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	179181	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	102830	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	193581	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	96730	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	79121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	351272	130.821	ng	0.00
7) Phenol-d6	6.481	99	469724	130.296	ng	0.00
23) Nitrobenzene-d5	7.404	82	310008	84.589	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	103501	122.877	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	584478	85.401	ng	-0.02
79) Terphenyl-d14	12.939	244	650737	112.634	ng	0.00

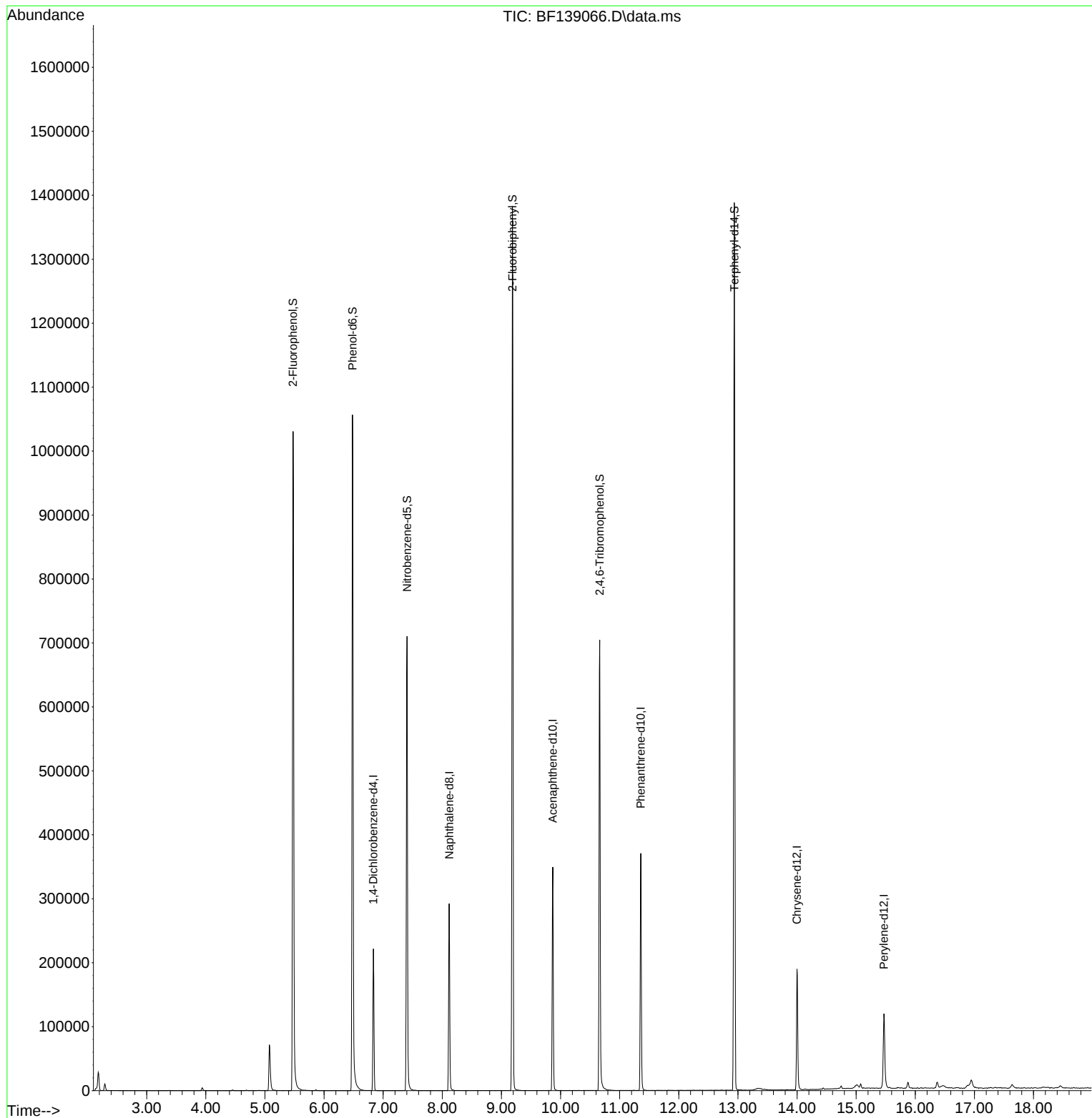
Target Compounds	Qvalue

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

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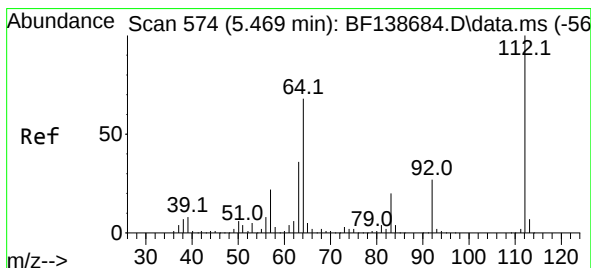
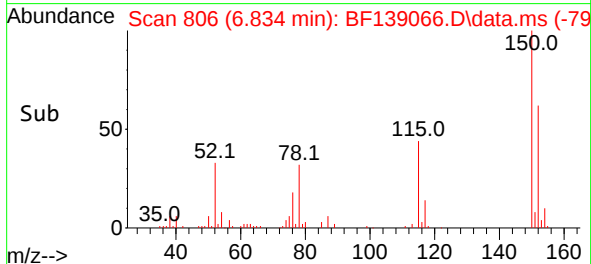
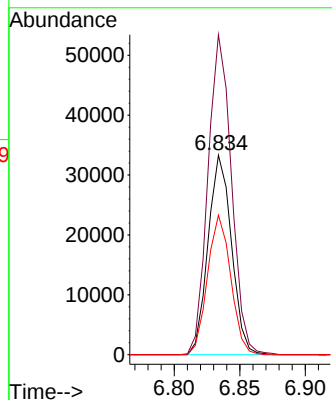
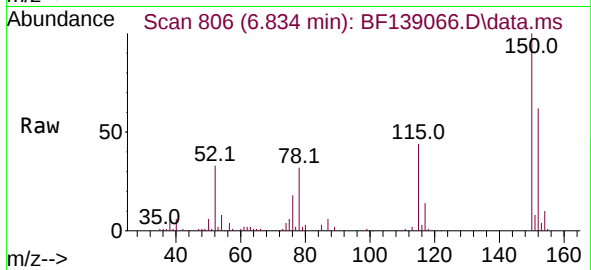




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

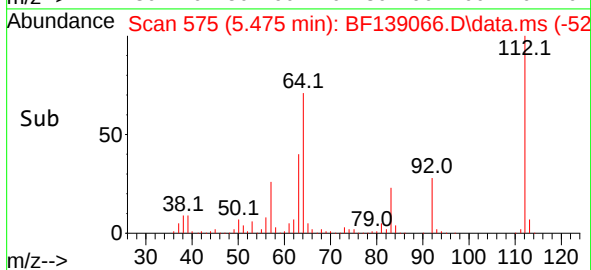
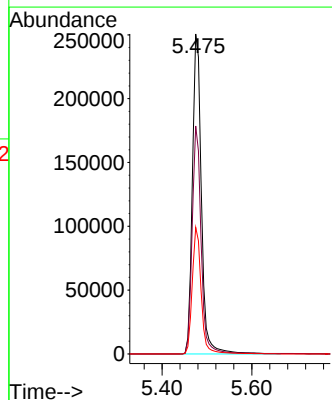
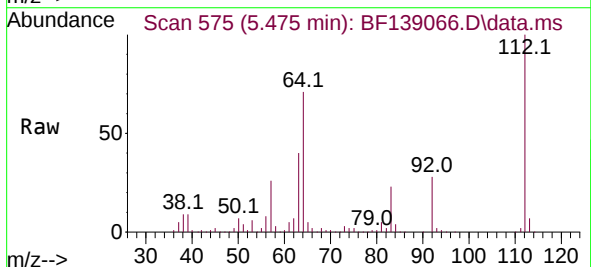
Instrument :
BNA_F
ClientSampleId :
PB162549BL

Tgt Ion:152 Resp: 41449
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 70.0 51.7 77.5



#5
2-Fluorophenol
Concen: 130.821 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

Tgt Ion:112 Resp: 351272
Ion Ratio Lower Upper
112 100
64 71.3 54.2 81.4
63 39.6 28.7 43.1

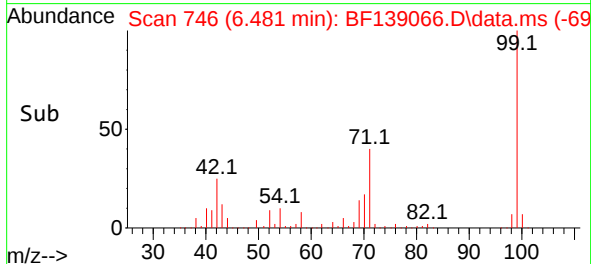
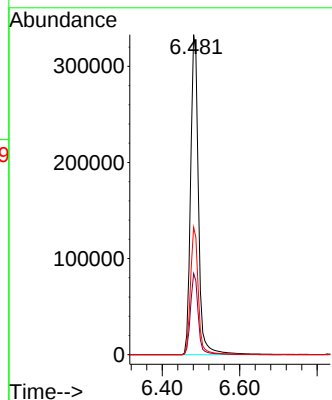
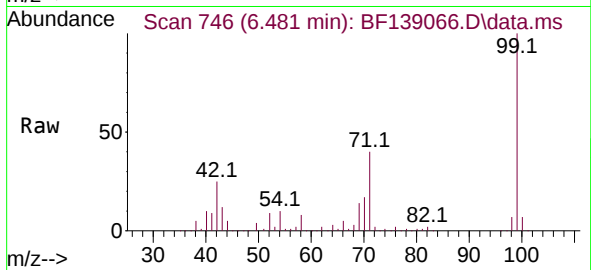




#7
Phenol-d6
Concen: 130.296 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

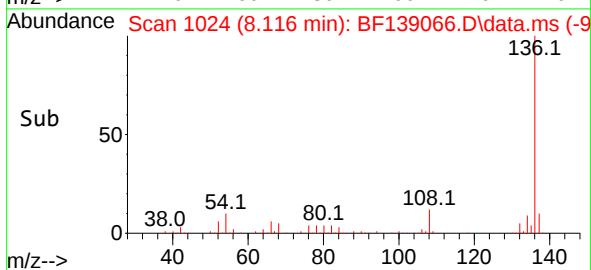
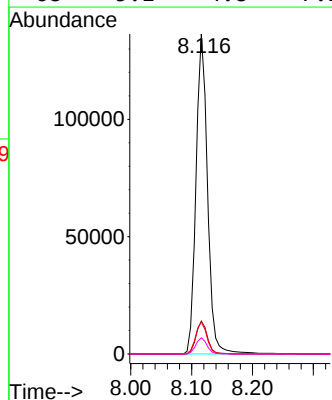
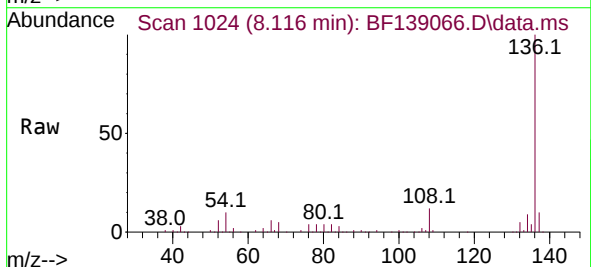
Instrument :
BNA_F
ClientSampleId :
PB162549BL

Tgt Ion: 99 Resp: 469724
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.8 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

Tgt Ion: 136 Resp: 179181
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 10.0 8.6 12.8
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.589 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139066.D

Acq: 19 Aug 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB162549BL

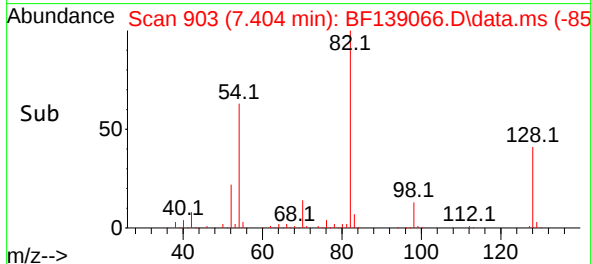
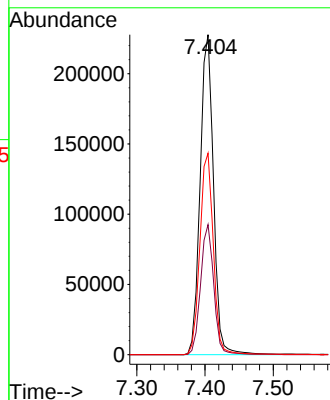
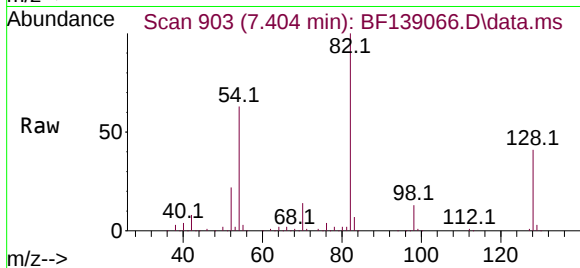
Tgt Ion: 82 Resp: 310008

Ion Ratio Lower Upper

82 100

128 40.7 32.8 49.2

54 63.0 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF139066.D

Acq: 19 Aug 2024 10:10

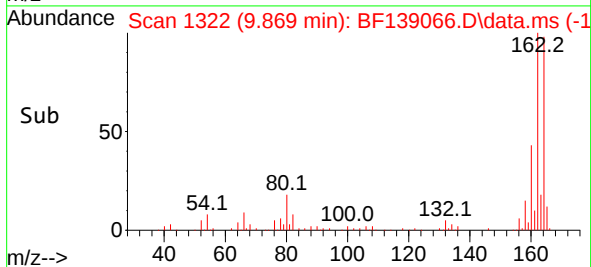
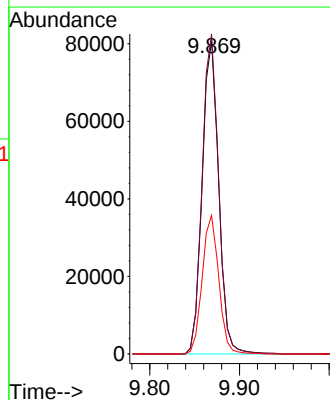
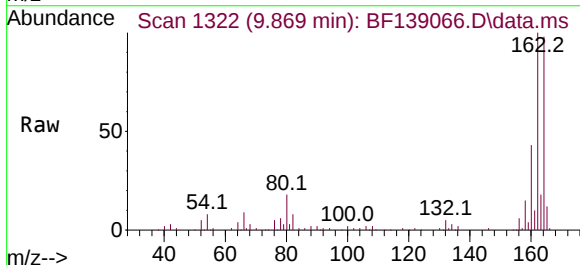
Tgt Ion:164 Resp: 102830

Ion Ratio Lower Upper

164 100

162 102.1 79.4 119.0

160 44.2 35.1 52.7

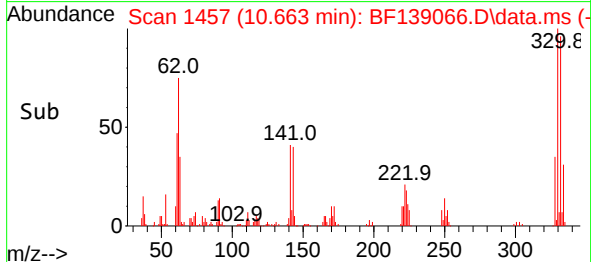
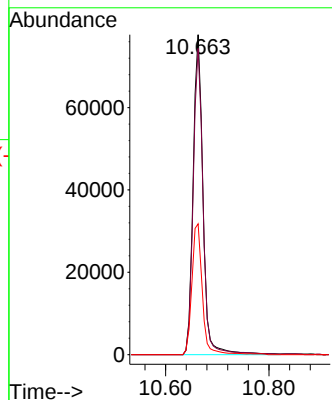
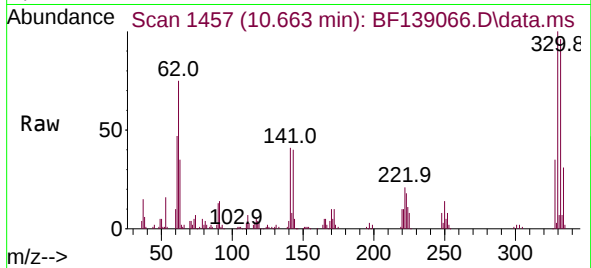




#42
 2,4,6-Tribromophenol
 Concen: 122.877 ng
 RT: 10.663 min Scan# 1458
 Delta R.T. -0.006 min
 Lab File: BF139066.D
 Acq: 19 Aug 2024 10:10

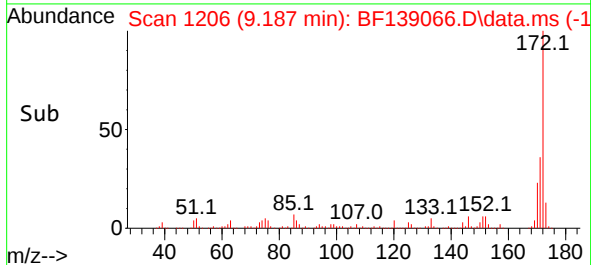
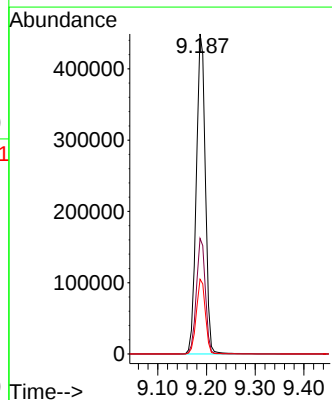
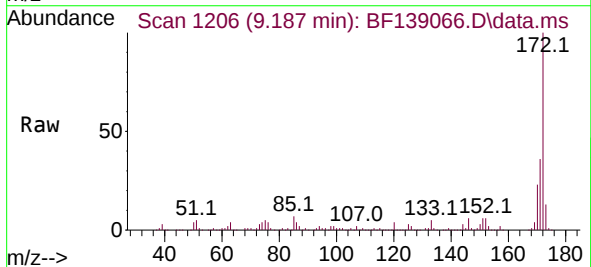
Instrument :
 BNA_F
 ClientSampleId :
 PB162549BL

Tgt Ion:330 Resp: 103501
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.4 114.6
 141 43.3 31.1 46.7



#45
 2-Fluorobiphenyl
 Concen: 85.401 ng
 RT: 9.187 min Scan# 1206
 Delta R.T. -0.018 min
 Lab File: BF139066.D
 Acq: 19 Aug 2024 10:10

Tgt Ion:172 Resp: 584478
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.3 42.5
 170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139066.D

Acq: 19 Aug 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB162549BL

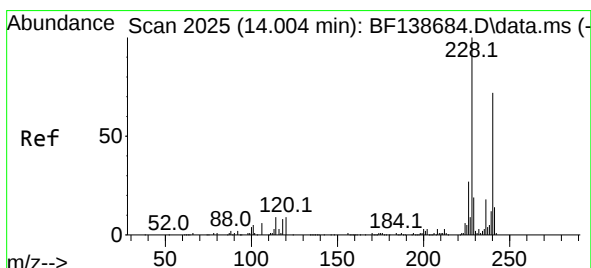
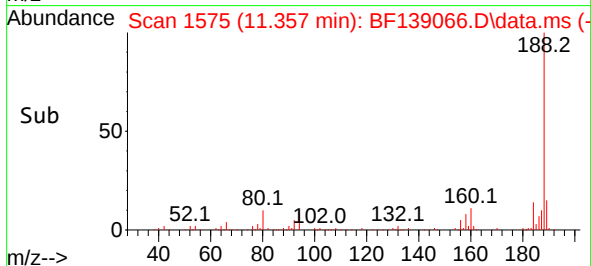
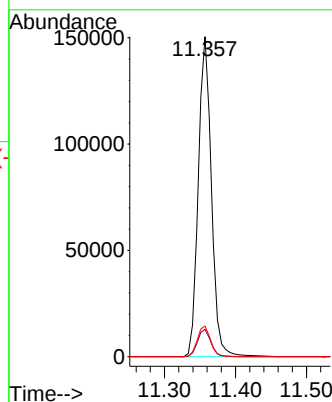
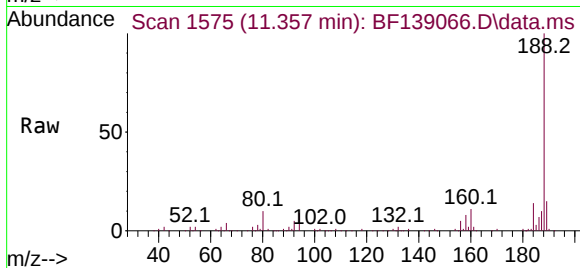
Tgt Ion:188 Resp: 193581

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.5 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139066.D

Acq: 19 Aug 2024 10:10

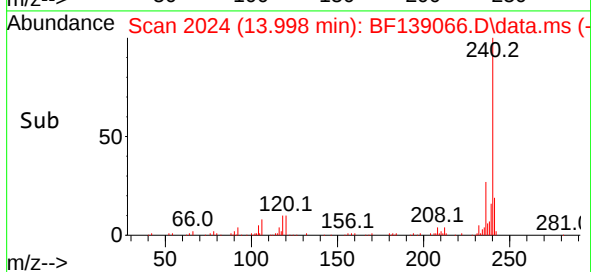
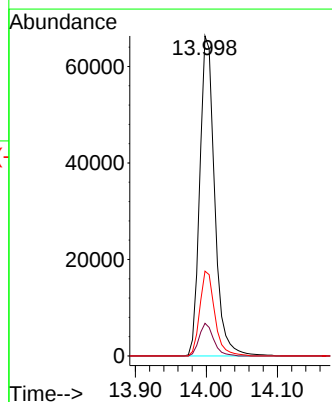
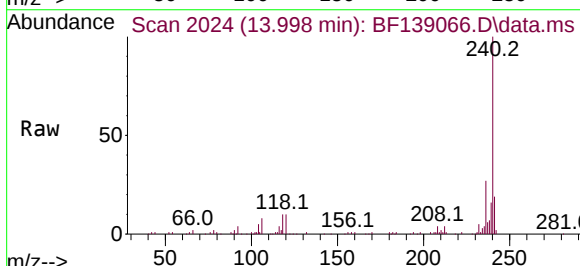
Tgt Ion:240 Resp: 96730

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

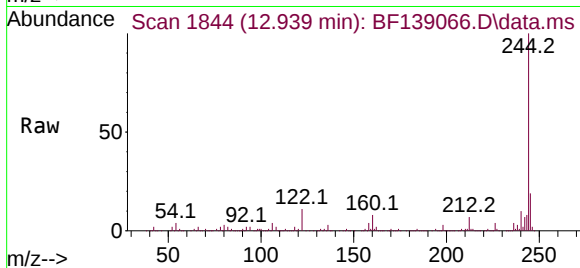
236 26.5 19.8 29.8





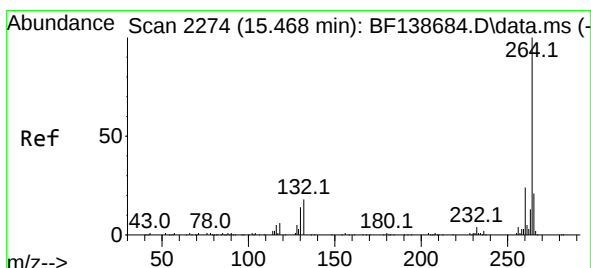
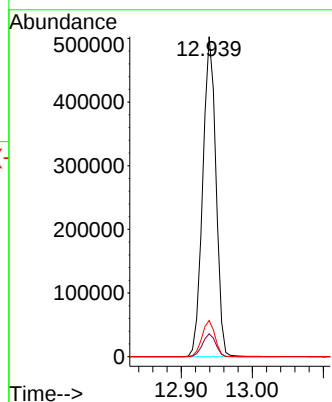
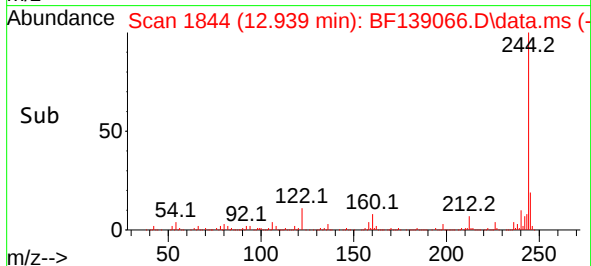
#79
 Terphenyl-d14
 Concen: 112.634 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139066.D
 Acq: 19 Aug 2024 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB162549BL



Tgt Ion:244 Resp: 650737

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	11.3	9.6	14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF139066.D
 Acq: 19 Aug 2024 10:10

Tgt Ion:264 Resp: 79121

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.6
265	21.1	17.0	25.6

