

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141197.D
 Acq On : 17 Jan 2025 17:14
 Operator : RC/JU
 Sample : Q1115-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 366

Quant Time: Jan 17 17:32:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	190013	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	745324	20.000	ng	-0.01
39) Acenaphthene-d10	9.839	164	399267	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	633641	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	393943	20.000	ng	-0.02
86) Perylene-d12	15.427	264	392840	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1413854	114.946	ng	0.01
7) Phenol-d6	6.439	99	1633262	104.826	ng	0.00
23) Nitrobenzene-d5	7.369	82	1220989	86.838	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	624078	137.179	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2212384	84.615	ng	-0.02
79) Terphenyl-d14	12.915	244	2042180	77.049	ng	-0.02

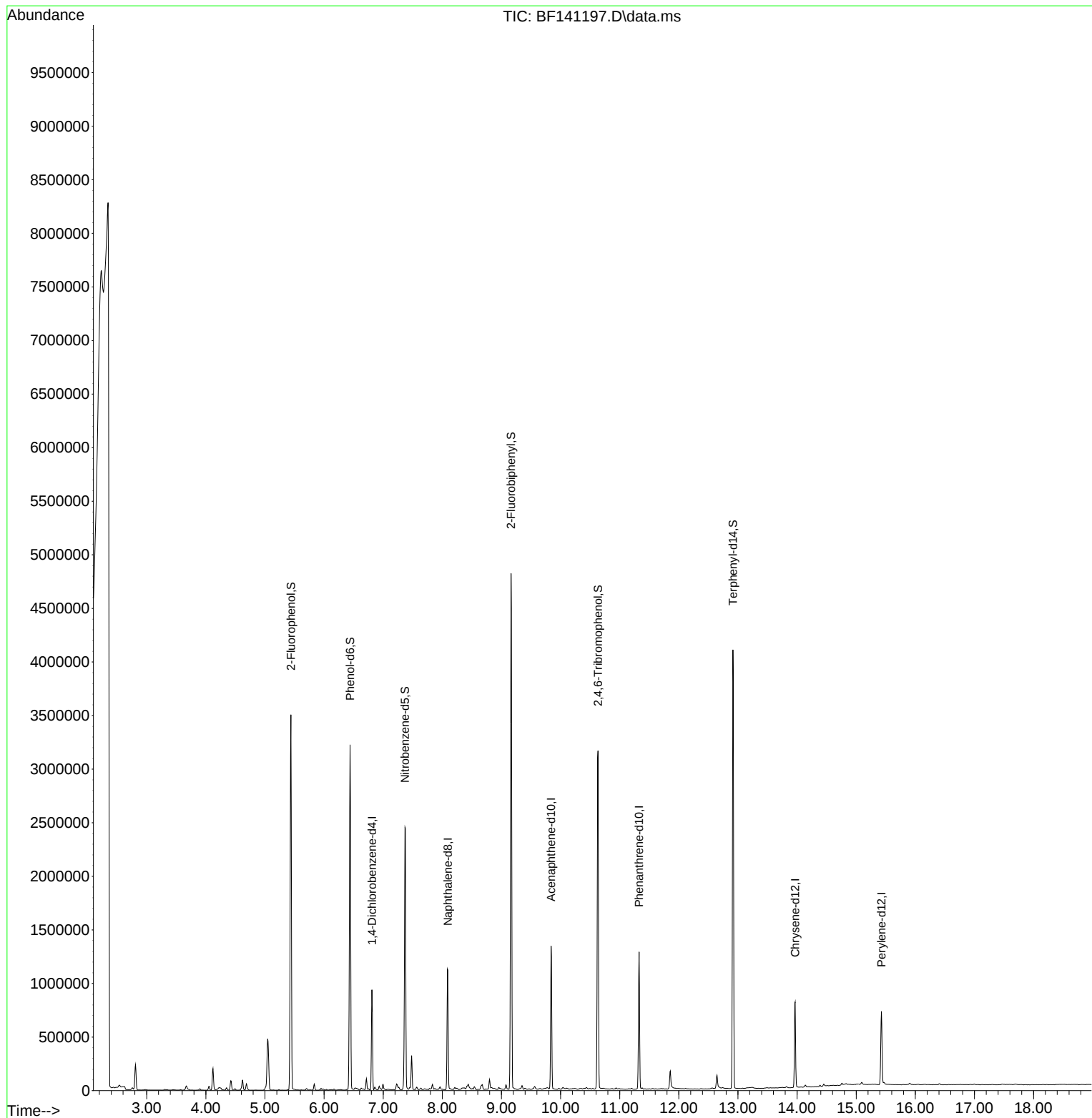
Target Compounds	Qvalue

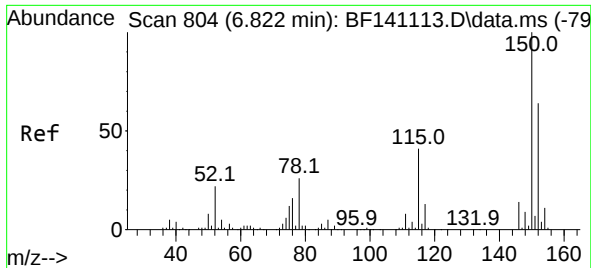
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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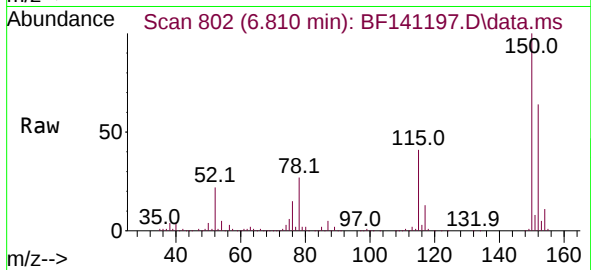
Quant Time: Jan 17 17:32:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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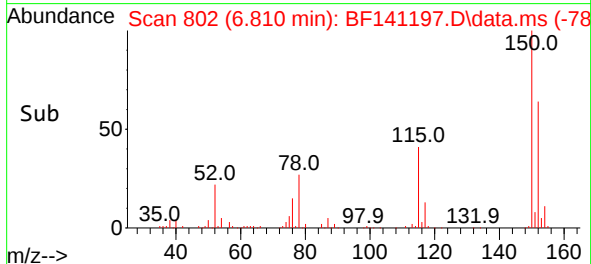
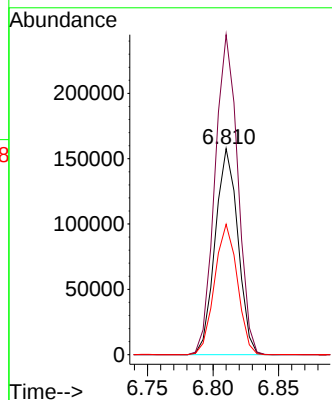


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Instrument :
BNA_F
ClientSampleId :
366

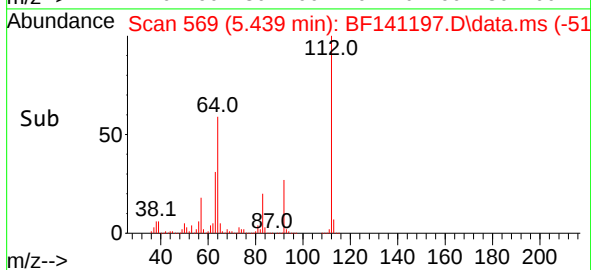
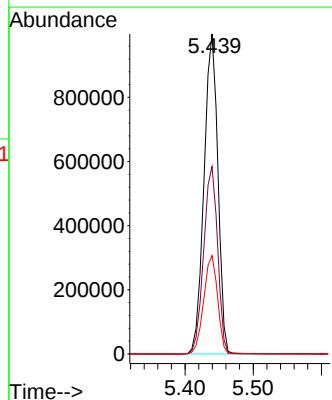
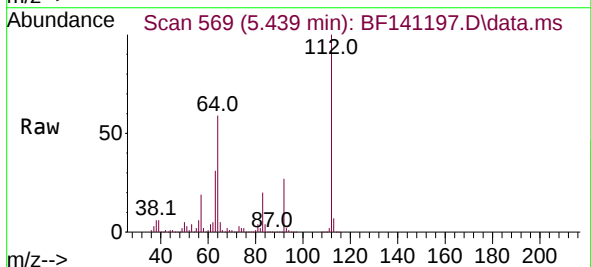


Tgt Ion:152 Resp: 190013
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.8
115 63.3 51.4 77.2



#5
2-Fluorophenol
Concen: 114.946 ng
RT: 5.439 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

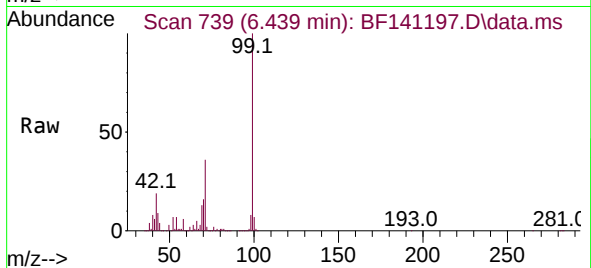
Tgt Ion:112 Resp: 1413854
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 30.7 24.2 36.2





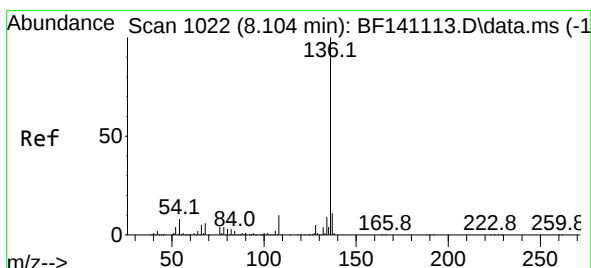
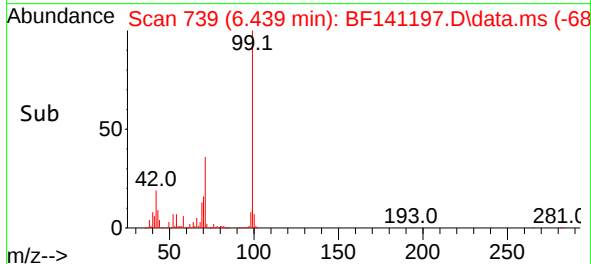
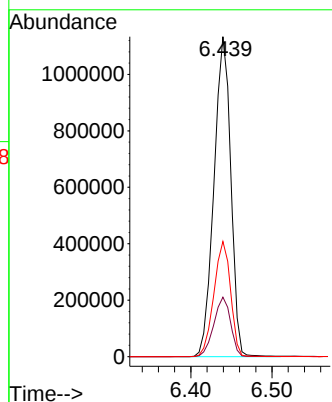
#7
Phenol-d6
Concen: 104.826 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Instrument :
BNA_F
ClientSampleId :
366



Tgt Ion: 99 Resp: 1633262

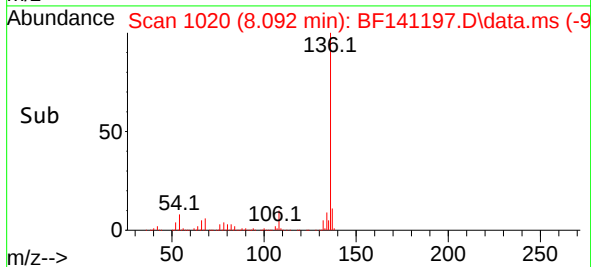
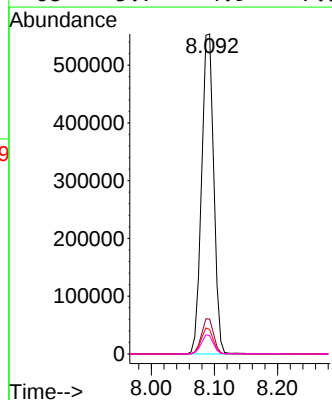
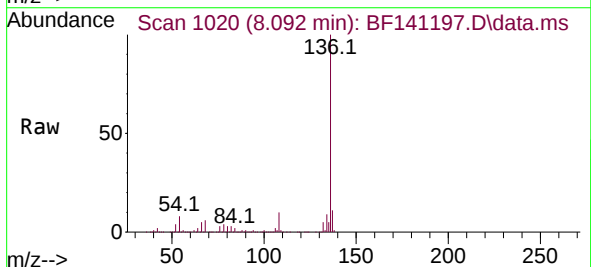
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	36.0	27.6	41.4

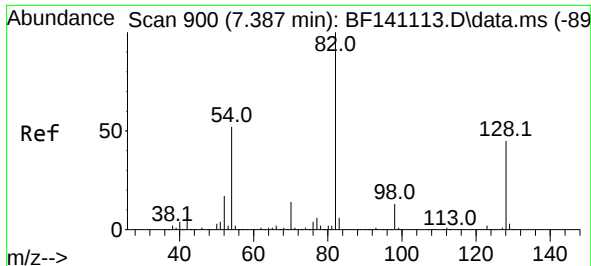


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Tgt Ion: 136 Resp: 745324

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.3	9.5
68	5.7	4.9	7.3

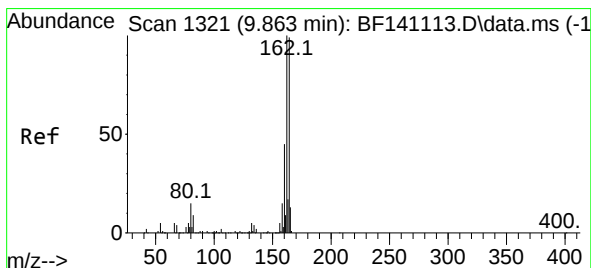
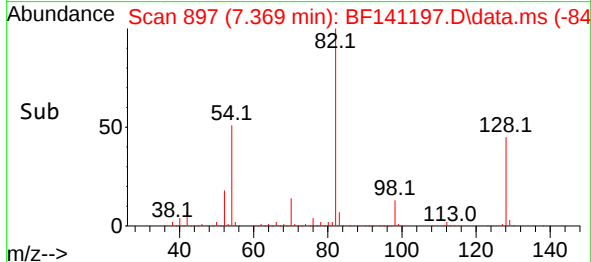
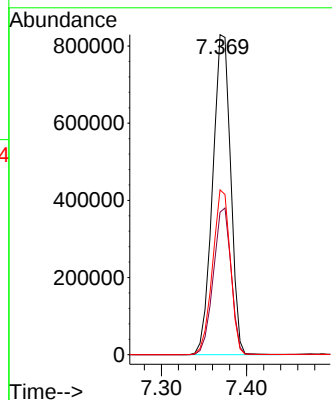
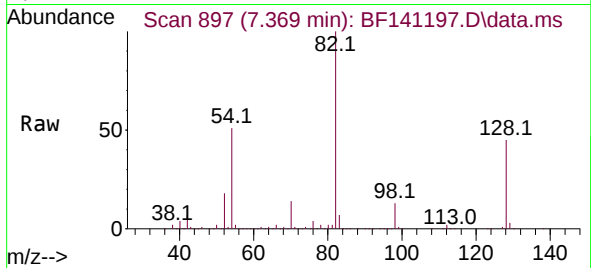




#23
Nitrobenzene-d5
Concen: 86.838 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

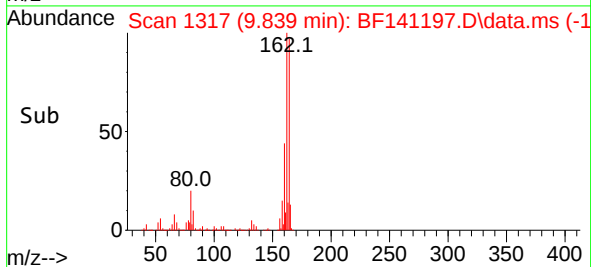
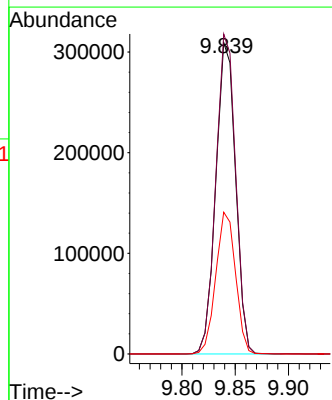
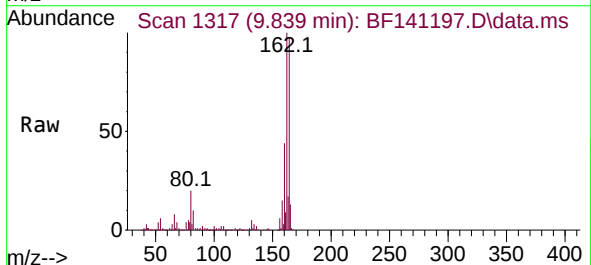
Instrument :
BNA_F
ClientSampleId :
366

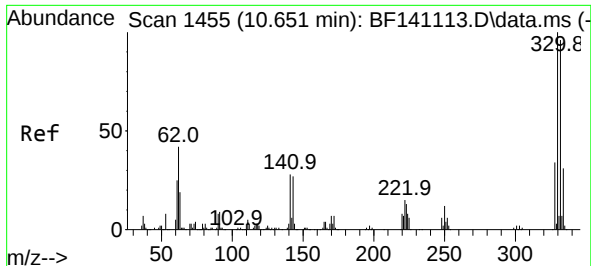
Tgt Ion: 82 Resp: 1220989
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 51.5 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Tgt Ion:164 Resp: 399267
Ion Ratio Lower Upper
164 100
162 102.8 81.0 121.4
160 45.6 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 137.179 ng

RT: 10.633 min Scan# 1455

Delta R.T. -0.018 min

Lab File: BF141197.D

Acq: 17 Jan 2025 17:14

Instrument :

BNA_F

ClientSampleId :

366

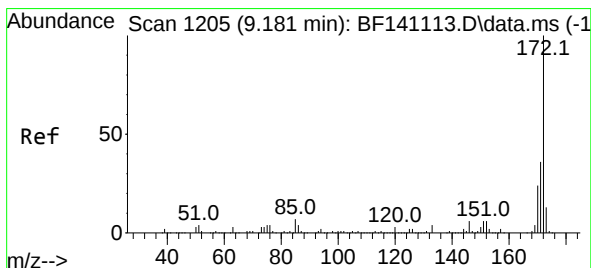
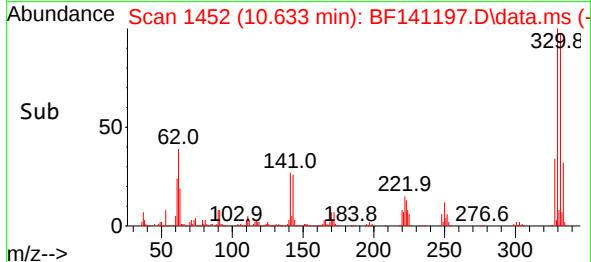
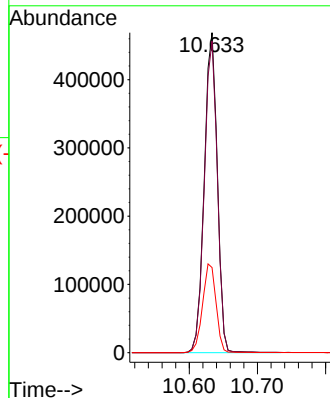
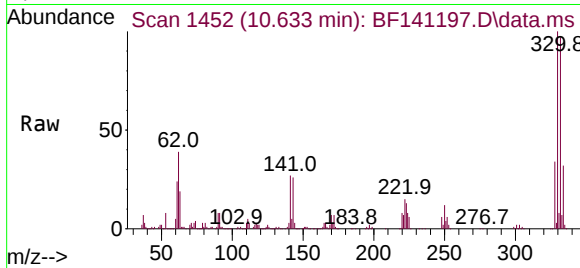
Tgt Ion:330 Resp: 624078

Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

141 28.8 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 84.615 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.018 min

Lab File: BF141197.D

Acq: 17 Jan 2025 17:14

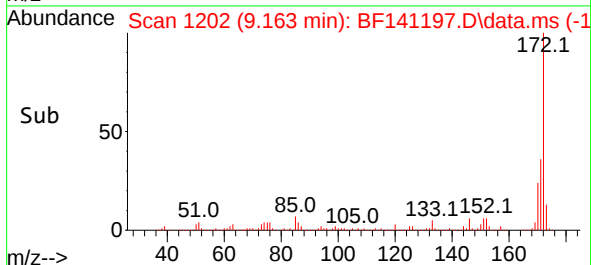
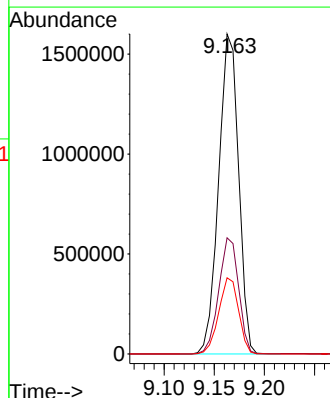
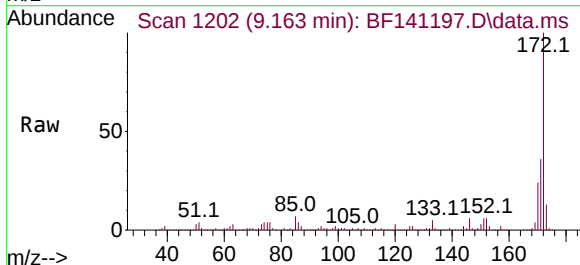
Tgt Ion:172 Resp: 2212384

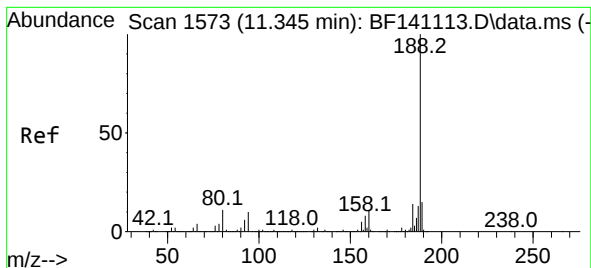
Ion Ratio Lower Upper

172 100

171 36.3 28.7 43.1

170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141197.D

Acq: 17 Jan 2025 17:14

Instrument :

BNA_F

ClientSampleId :

366

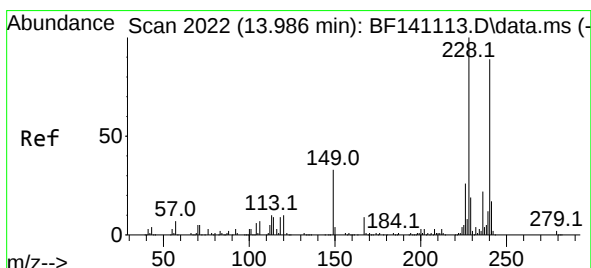
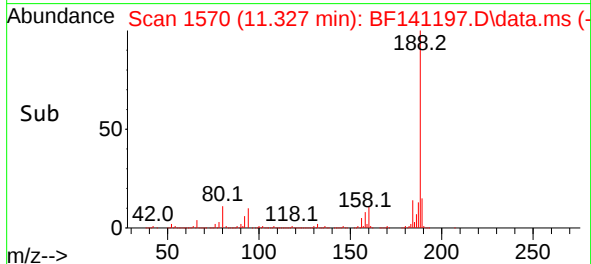
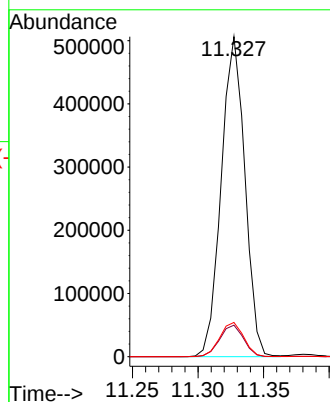
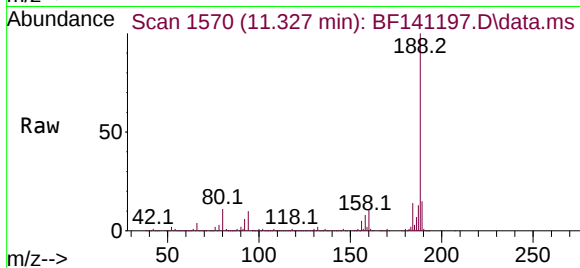
Tgt Ion:188 Resp: 633641

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 10.7 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141197.D

Acq: 17 Jan 2025 17:14

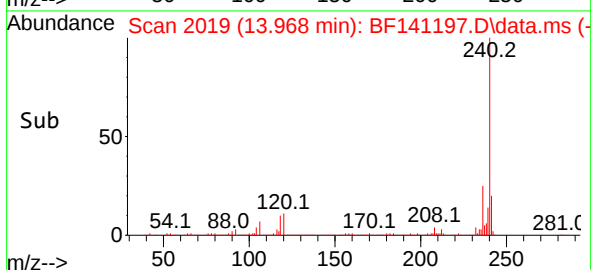
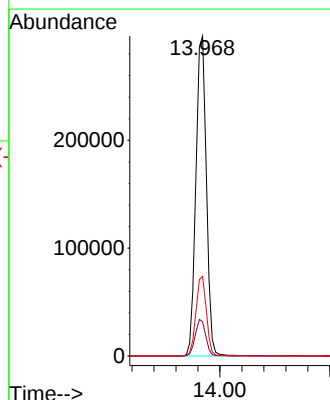
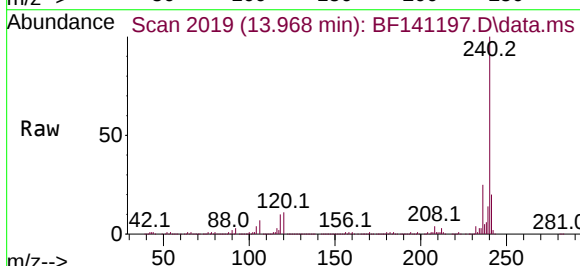
Tgt Ion:240 Resp: 393943

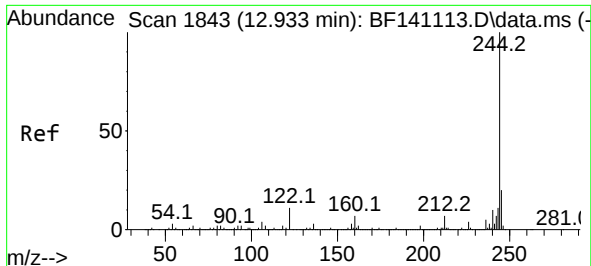
Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

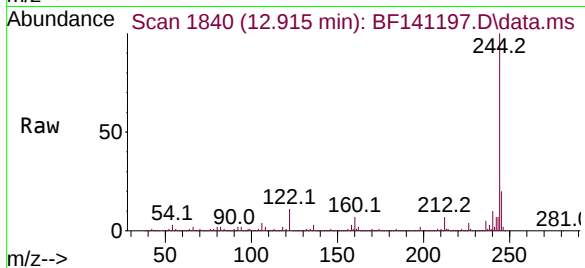
236 24.9 19.8 29.6



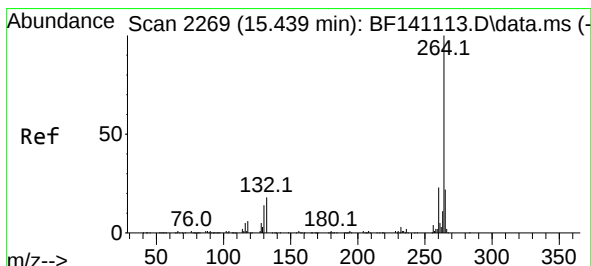
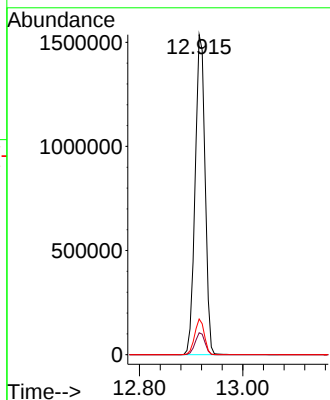
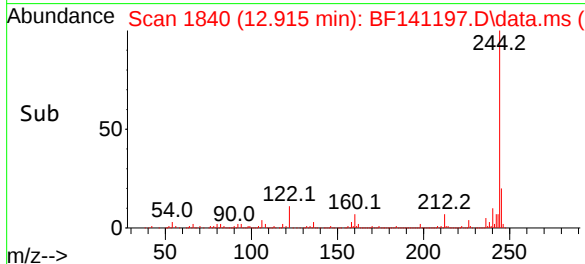


#79
 Terphenyl-d14
 Concen: 77.049 ng
 RT: 12.915 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF141197.D
 Acq: 17 Jan 2025 17:14

Instrument :
 BNA_F
 ClientSampleId :
 366



Tgt Ion:244 Resp: 2042180
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141197.D
 Acq: 17 Jan 2025 17:14

Tgt Ion:264 Resp: 392840
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.5 17.4 26.0

