

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141370.D
 Acq On : 03 Feb 2025 15:26
 Operator : RC/JU
 Sample : Q1239-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR22266

Quant Time: Feb 03 16:45:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	119449	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	485359	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	267756	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	472257	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	387079	20.000	ng	-0.02
86) Perylene-d12	15.421	264	250964	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	891935	114.635	ng	0.02
7) Phenol-d6	6.440	99	1118367	112.989	ng	0.00
23) Nitrobenzene-d5	7.357	82	861738	93.596	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	374695	152.644	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1553236	89.287	ng	-0.01
79) Terphenyl-d14	12.910	244	1956764	77.961	ng	0.00

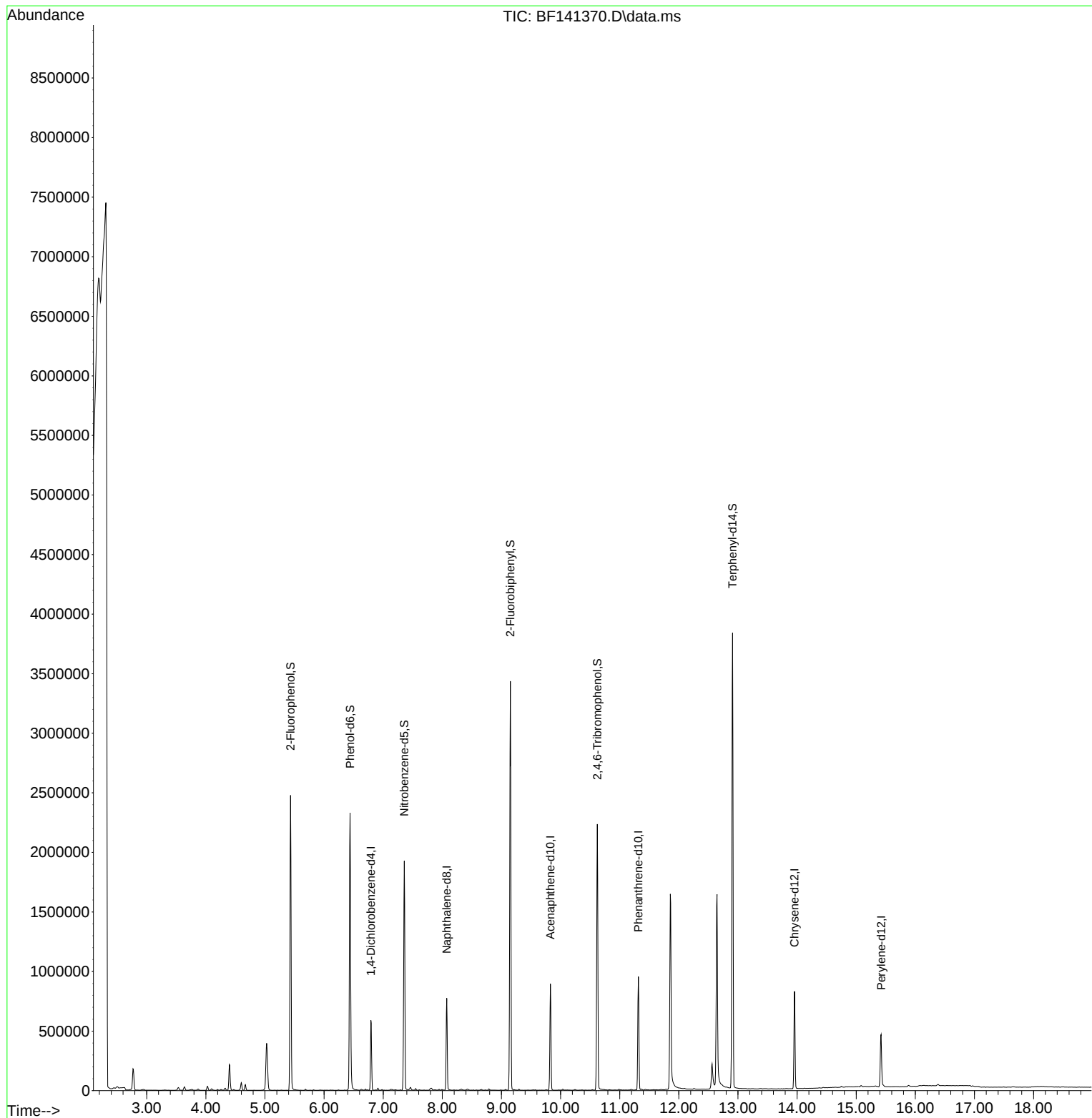
Target Compounds	Qvalue

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

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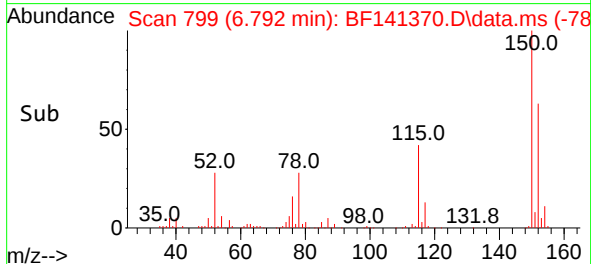
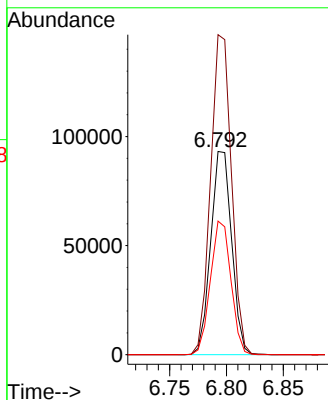
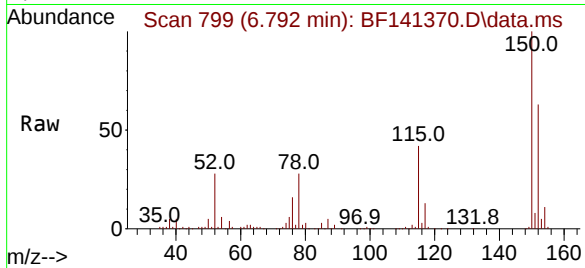




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

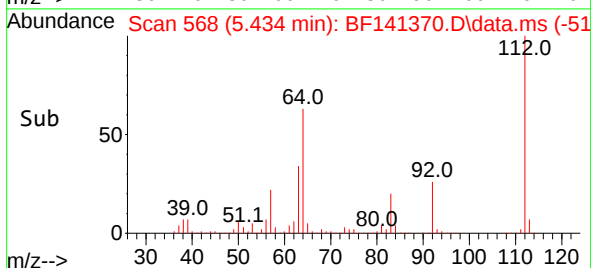
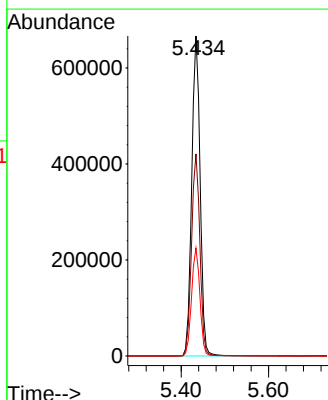
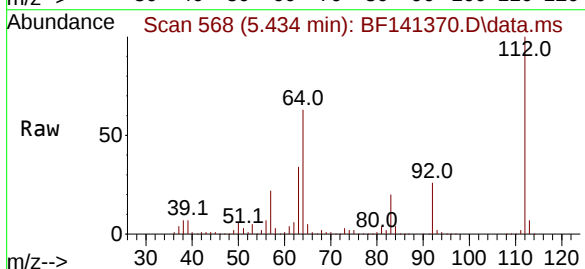
Instrument :
BNA_F
ClientSampleId :
RBR22266

Tgt Ion:152 Resp: 119449
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 65.8 49.7 74.5



#5
2-Fluorophenol
Concen: 114.635 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.023 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

Tgt Ion:112 Resp: 891935
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 33.7 26.1 39.1

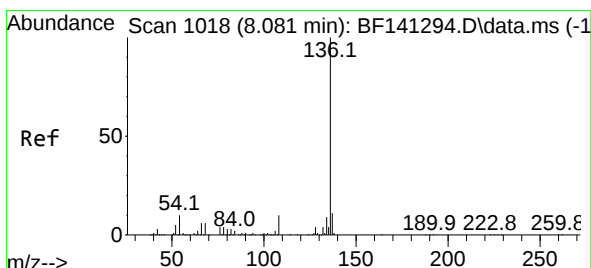
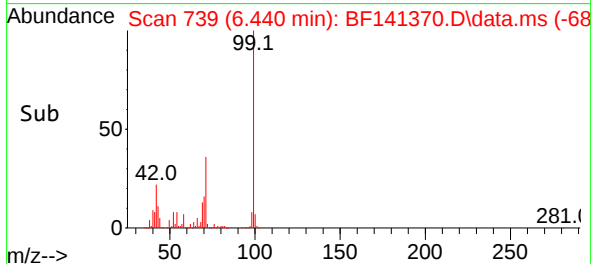
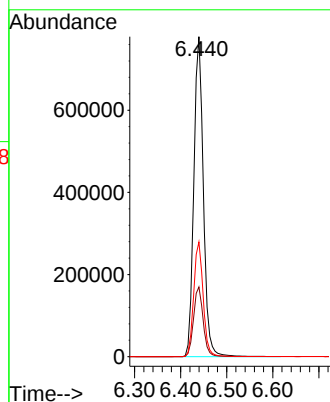
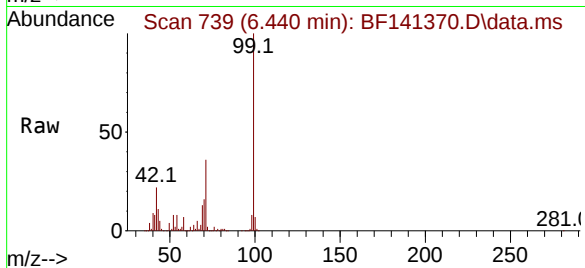




#7
Phenol-d6
Concen: 112.989 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

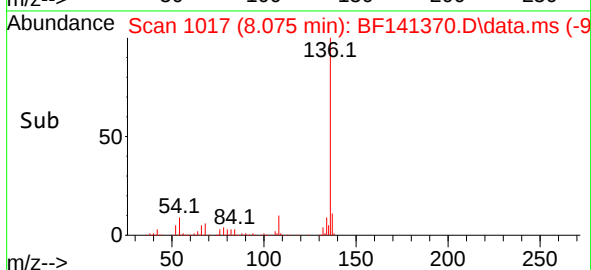
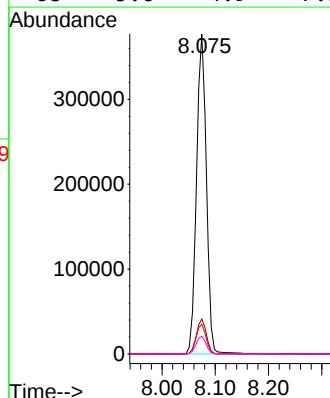
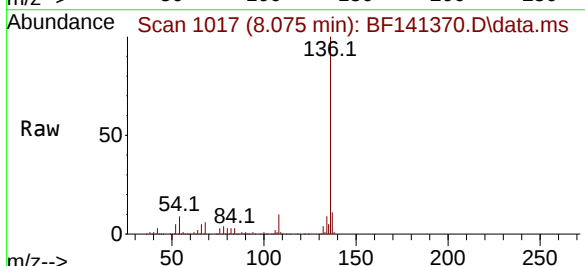
Instrument :
BNA_F
ClientSampleId :
RBR22266

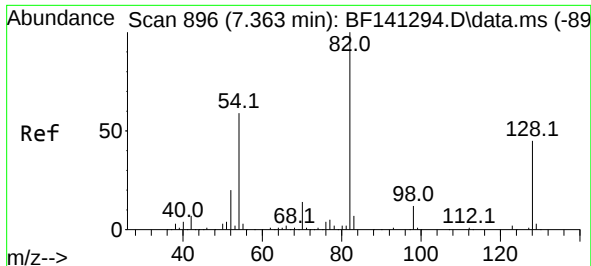
Tgt Ion: 99 Resp: 1118367
Ion Ratio Lower Upper
99 100
42 21.8 17.1 25.7
71 35.8 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

Tgt Ion: 136 Resp: 485359
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.8 11.8
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 93.596 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141370.D

Acq: 03 Feb 2025 15:26

Instrument :

BNA_F

ClientSampleId :

RBR22266

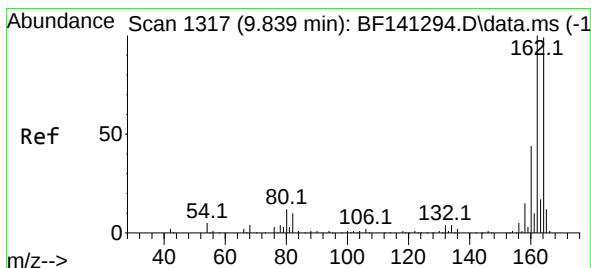
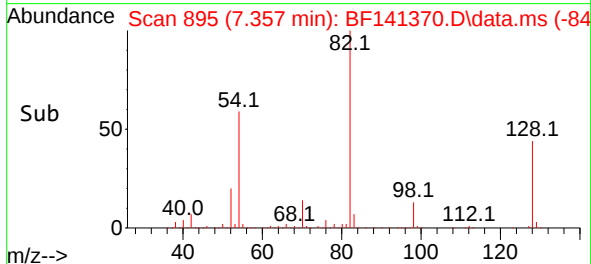
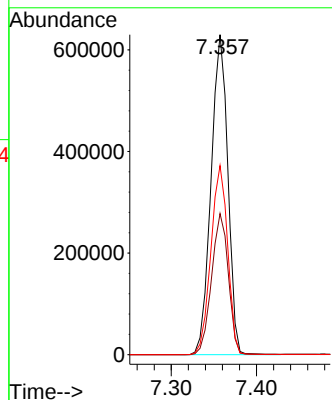
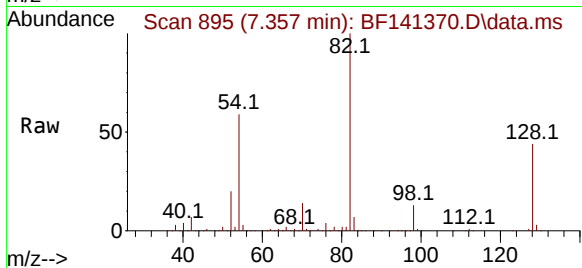
Tgt Ion: 82 Resp: 861738

Ion Ratio Lower Upper

82 100

128 44.1 35.7 53.5

54 59.1 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141370.D

Acq: 03 Feb 2025 15:26

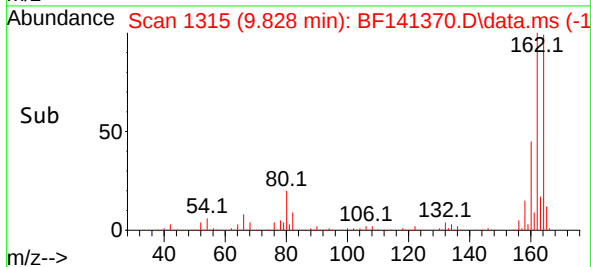
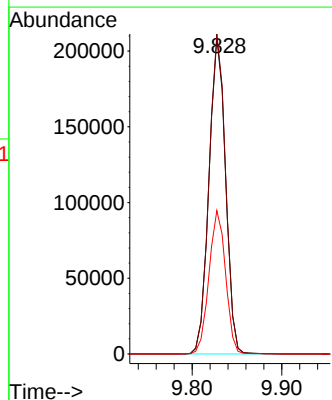
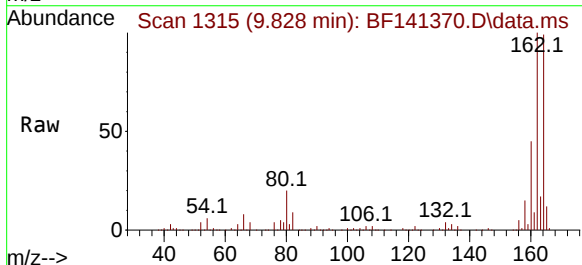
Tgt Ion:164 Resp: 267756

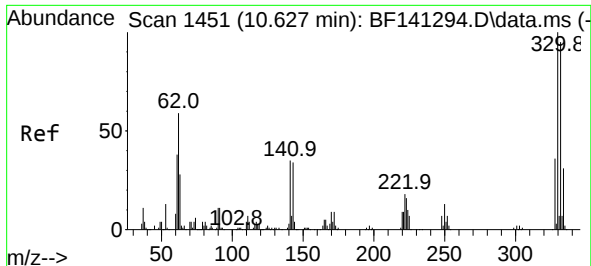
Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

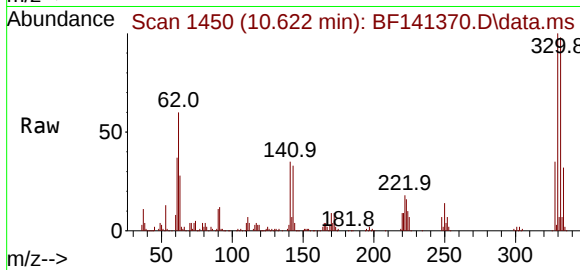
160 45.4 35.8 53.6



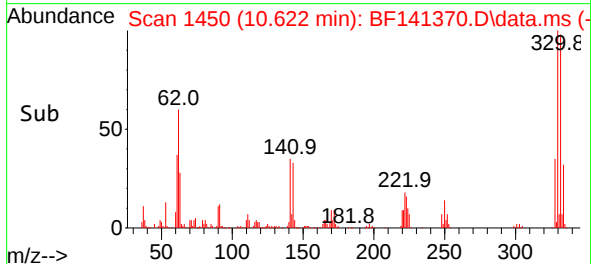
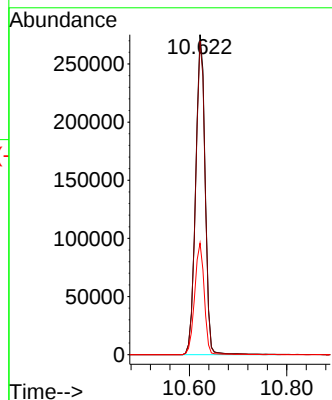


#42
2,4,6-Tribromophenol
Concen: 152.644 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

Instrument :
BNA_F
ClientSampleId :
RBR22266

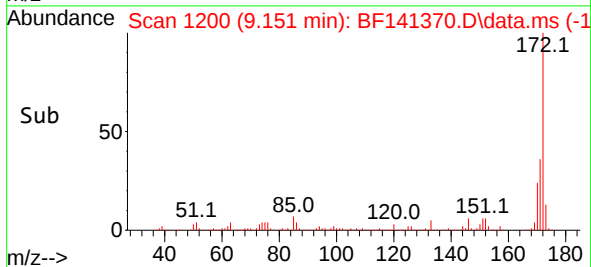
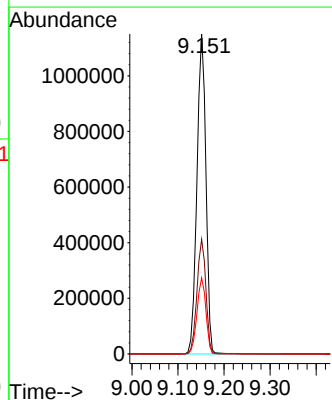
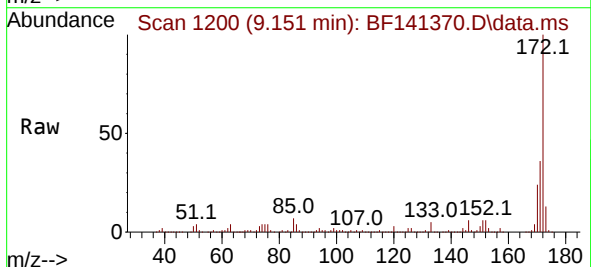


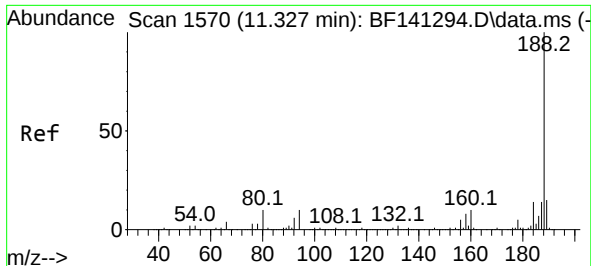
Tgt Ion:330 Resp: 374695
Ion Ratio Lower Upper
330 100
332 97.2 76.1 114.1
141 35.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 89.287 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

Tgt Ion:172 Resp: 1553236
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 19.0 28.6

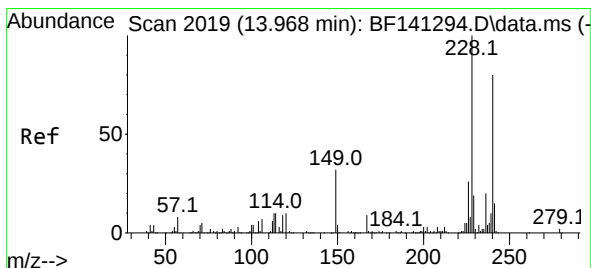
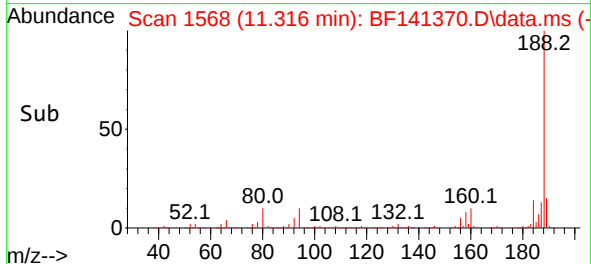
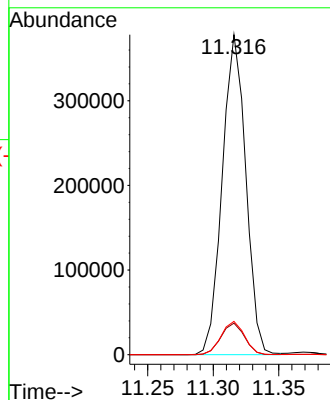
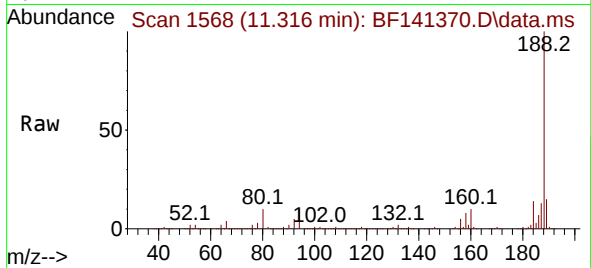




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

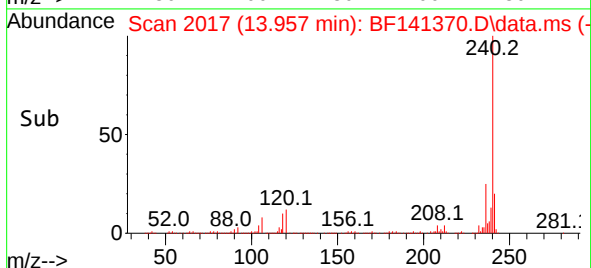
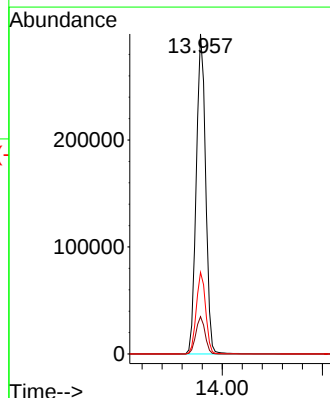
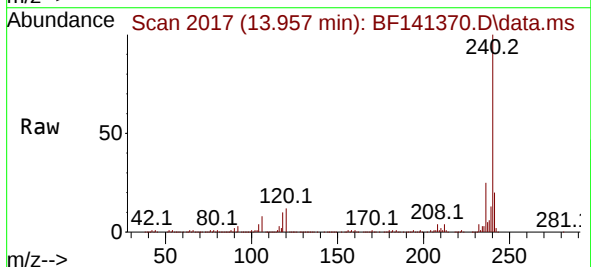
Instrument :
BNA_F
ClientSampleId :
RBR22266

Tgt Ion:188 Resp: 472257
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

Tgt Ion:240 Resp: 387079
Ion Ratio Lower Upper
240 100
120 11.7 10.0 15.0
236 25.5 19.7 29.5

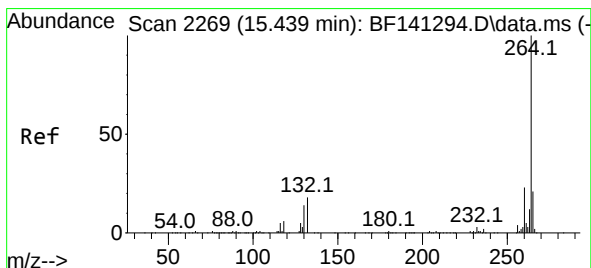
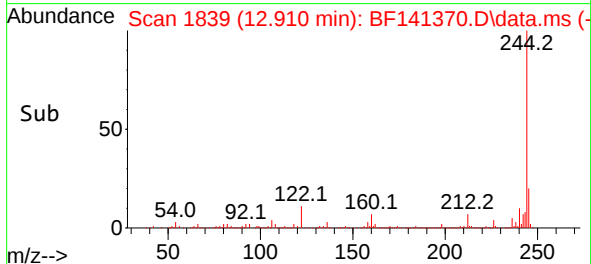
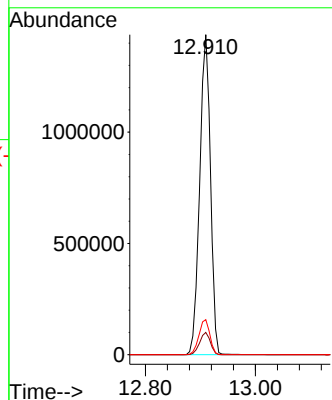
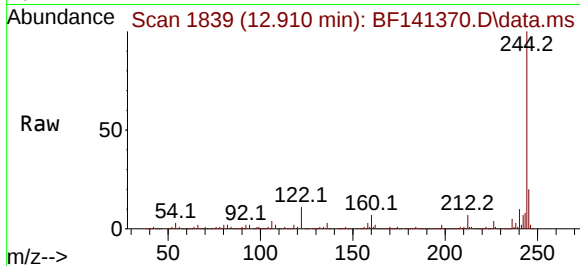




#79
 Terphenyl-d14
 Concen: 77.961 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141370.D
 Acq: 03 Feb 2025 15:26

Instrument :
 BNA_F
 ClientSampleId :
 RBR22266

Tgt Ion:244 Resp: 1956764
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141370.D
 Acq: 03 Feb 2025 15:26

Tgt Ion:264 Resp: 250964
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.1 16.7 25.1

