

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141722.D
 Acq On : 21 Feb 2025 16:17
 Operator : RC/JU
 Sample : Q1385-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ST-1

Quant Time: Feb 21 16:39:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	88085	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	352067	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	195612	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	332188	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	189379	20.000	ng	-0.03
86) Perylene-d12	15.374	264	182795	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	297466	52.943	ng	-0.01
7) Phenol-d6	6.416	99	472042	66.471	ng	-0.02
23) Nitrobenzene-d5	7.340	82	364794	54.044	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	69236	35.234	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	738734	58.183	ng	-0.02
79) Terphenyl-d14	12.880	244	739114	65.887	ng	-0.02

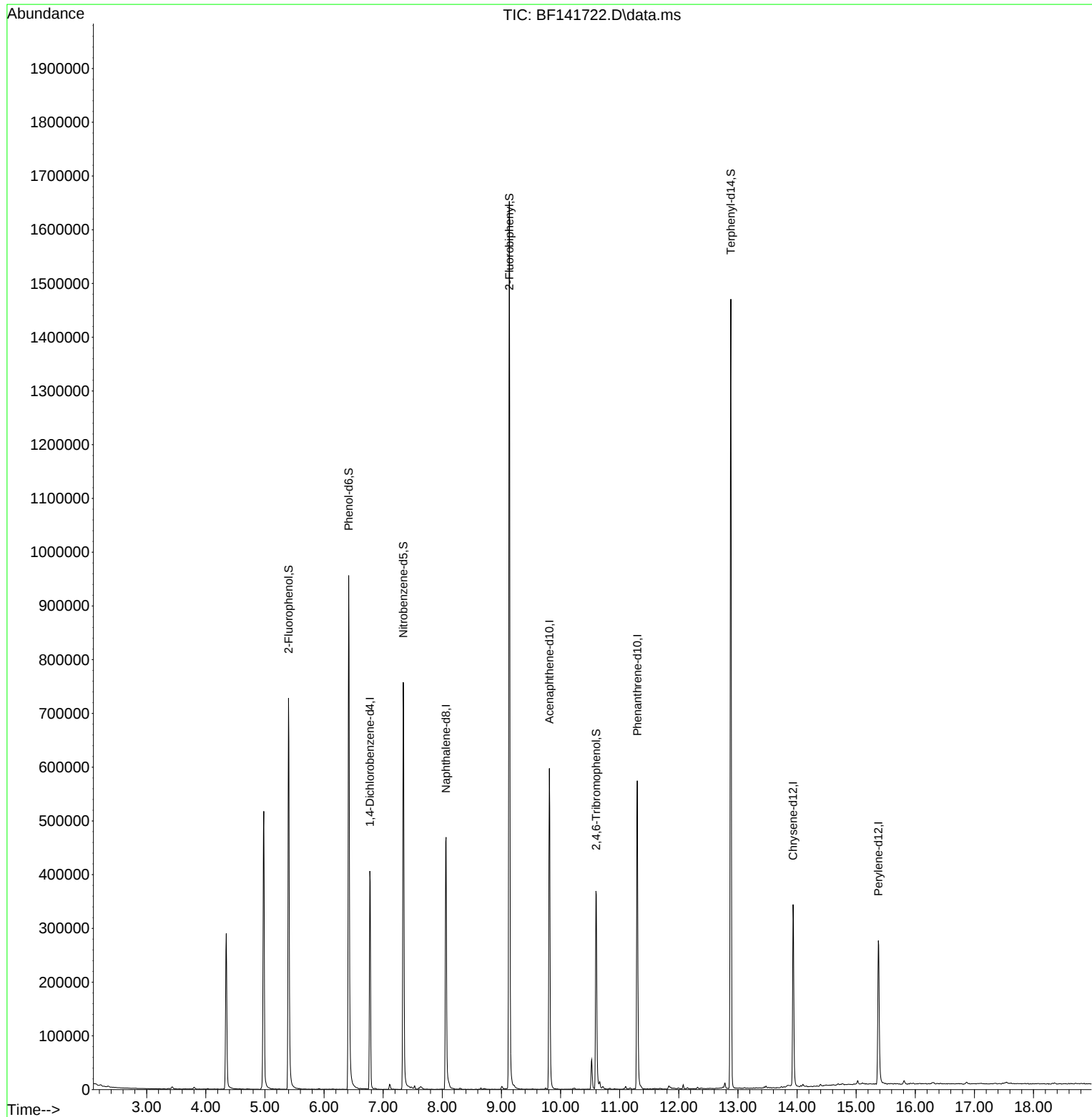
Target Compounds	Qvalue

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

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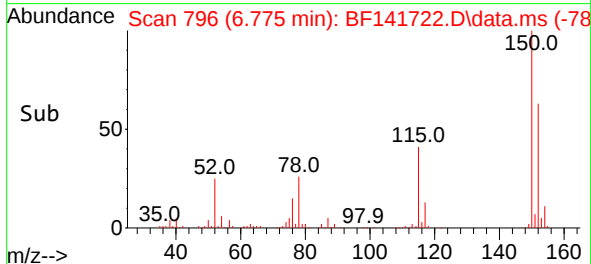
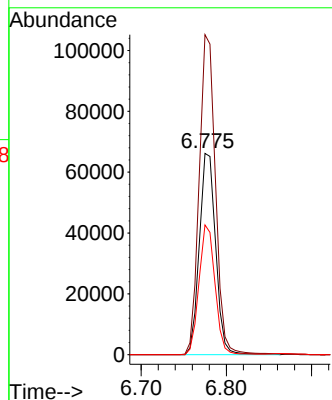
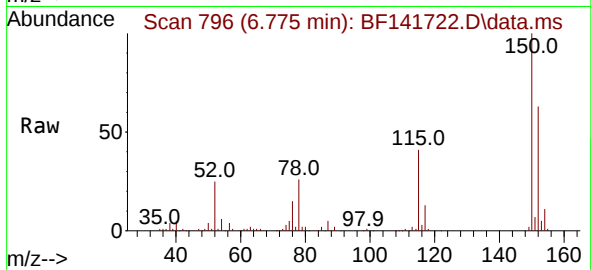




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.017 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

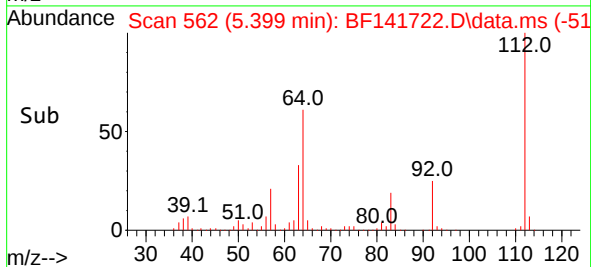
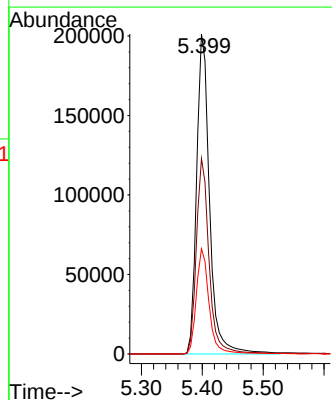
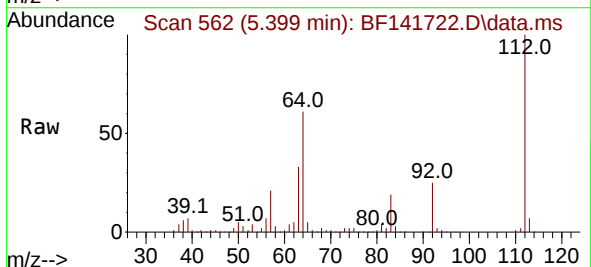
Instrument :
BNA_F
ClientSampleId :
ST-1

Tgt Ion:152 Resp: 88085
Ion Ratio Lower Upper
152 100
150 158.9 125.0 187.4
115 64.5 53.6 80.4



#5
2-Fluorophenol
Concen: 52.943 ng
RT: 5.399 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Tgt Ion:112 Resp: 297466
Ion Ratio Lower Upper
112 100
64 61.1 51.1 76.7
63 32.9 28.4 42.6

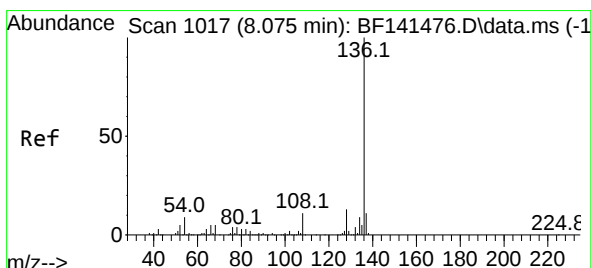
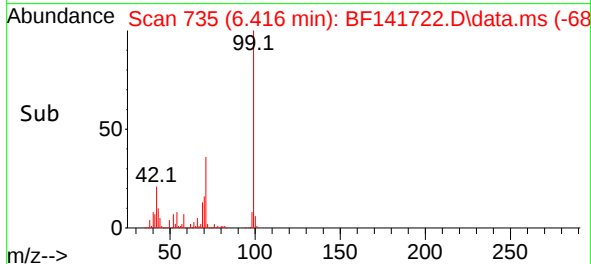
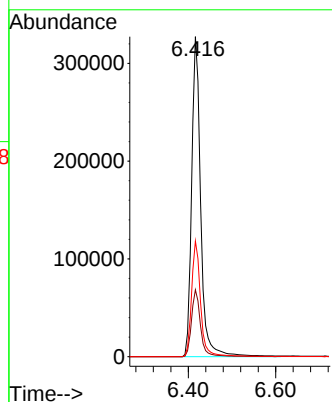
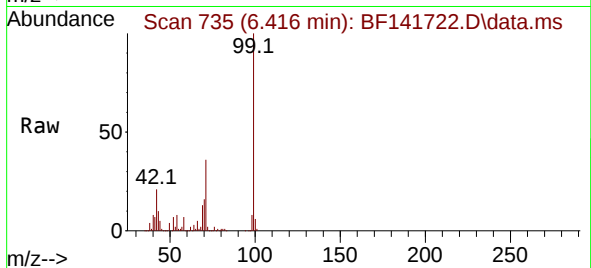




#7
Phenol-d6
Concen: 66.471 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

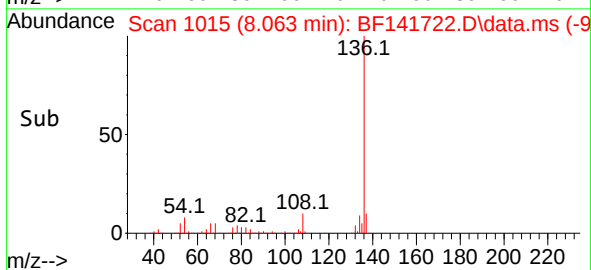
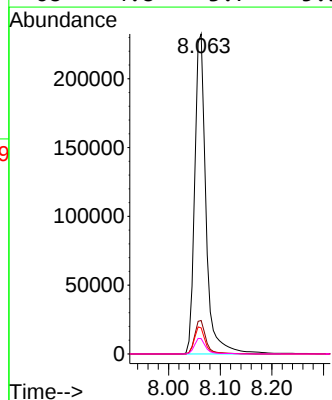
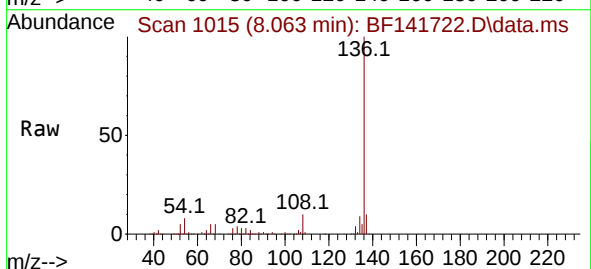
Instrument :
BNA_F
ClientSampleId :
ST-1

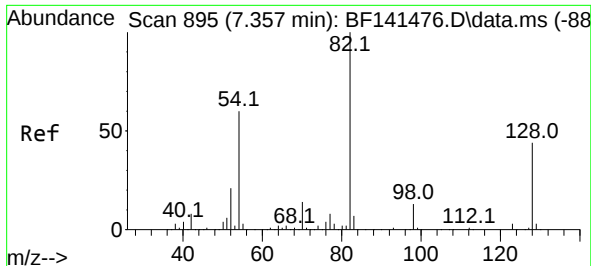
Tgt Ion: 99 Resp: 472042
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Tgt Ion: 136 Resp: 352067
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 54.044 ng

RT: 7.340 min Scan# 895

Delta R.T. -0.023 min

Lab File: BF141722.D

Acq: 21 Feb 2025 16:17

Instrument :

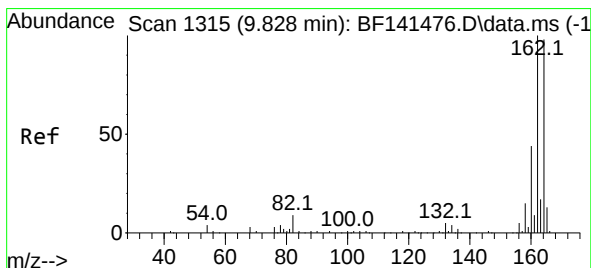
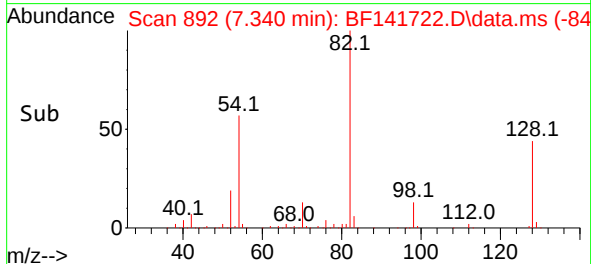
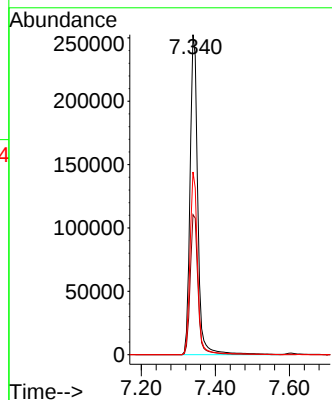
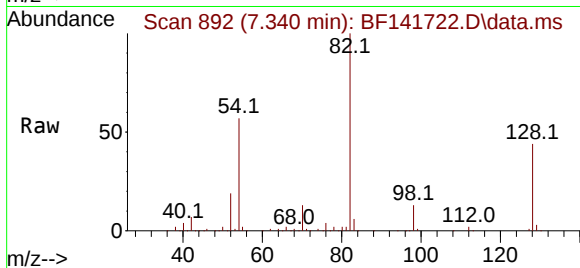
BNA_F

ClientSampleId :

ST-1

Tgt Ion: 82 Resp: 364794

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.8	52.2
54	57.1	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1312

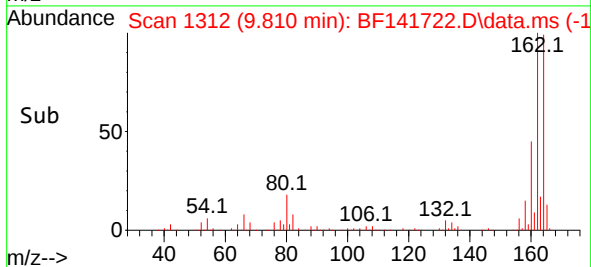
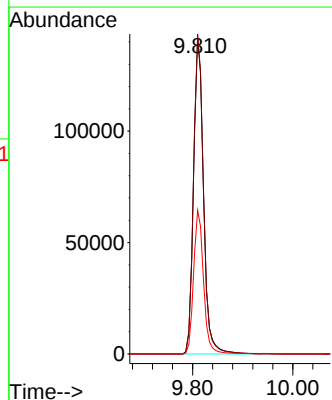
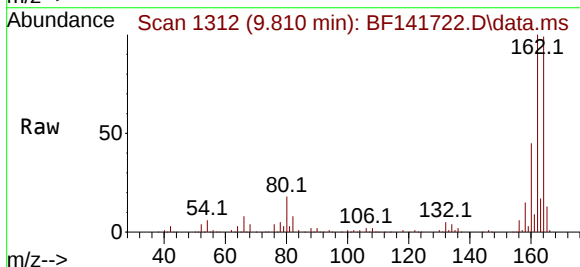
Delta R.T. -0.023 min

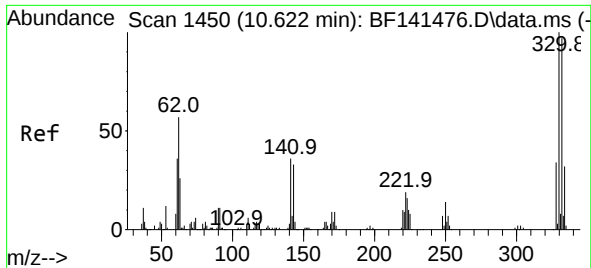
Lab File: BF141722.D

Acq: 21 Feb 2025 16:17

Tgt Ion:164 Resp: 195612

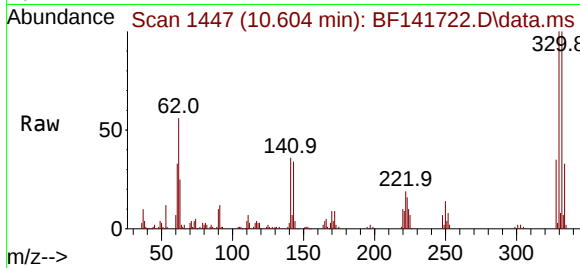
Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	45.5	35.9	53.9



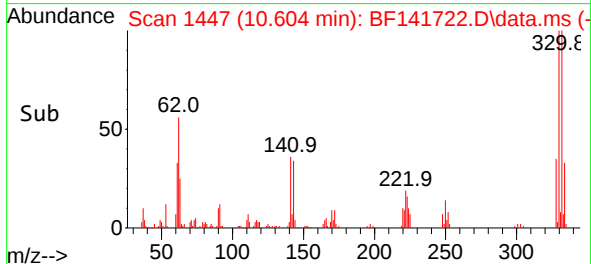
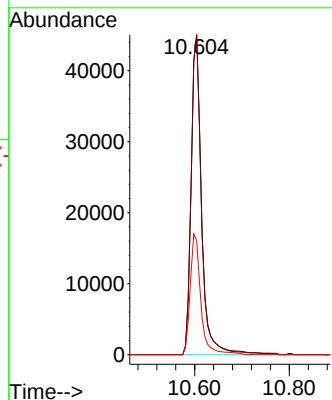


#42
2,4,6-Tribromophenol
Concen: 35.234 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Instrument :
BNA_F
ClientSampleId :
ST-1

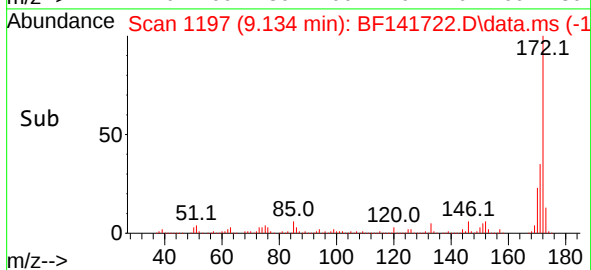
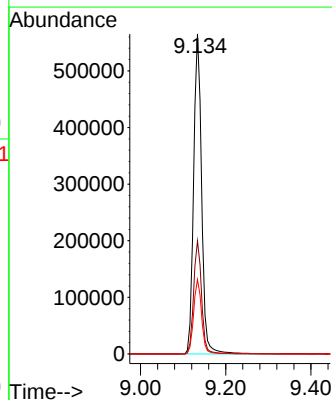
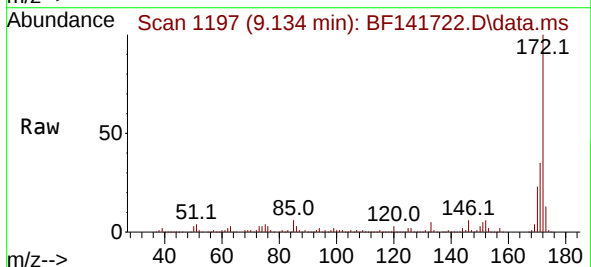


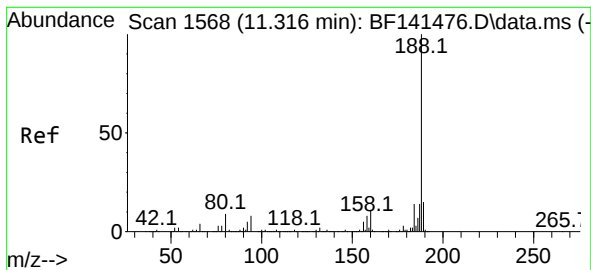
Tgt Ion: 330 Resp: 69236
Ion Ratio Lower Upper
330 100
332 99.3 78.5 117.7
141 38.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 58.183 ng
RT: 9.134 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Tgt Ion: 172 Resp: 738734
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141722.D

Acq: 21 Feb 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ST-1

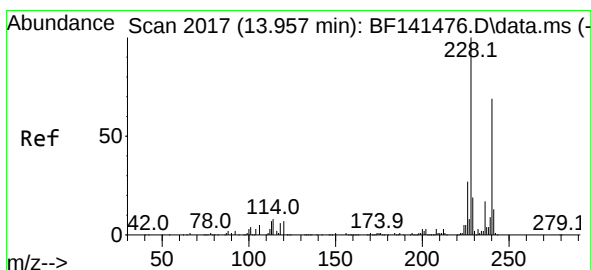
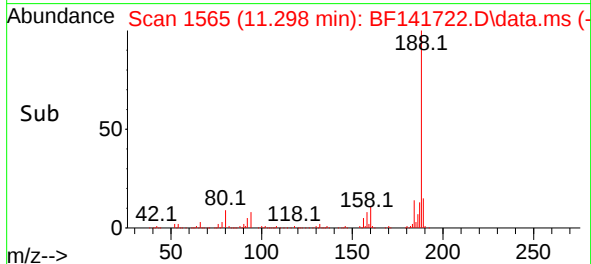
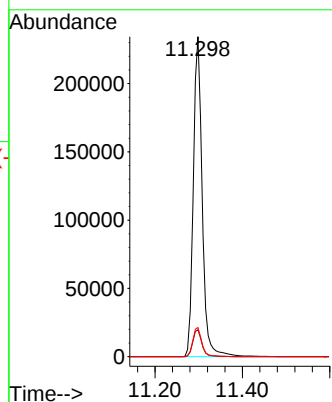
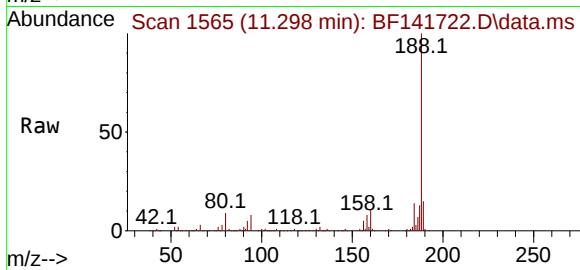
Tgt Ion:188 Resp: 332188

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.029 min

Lab File: BF141722.D

Acq: 21 Feb 2025 16:17

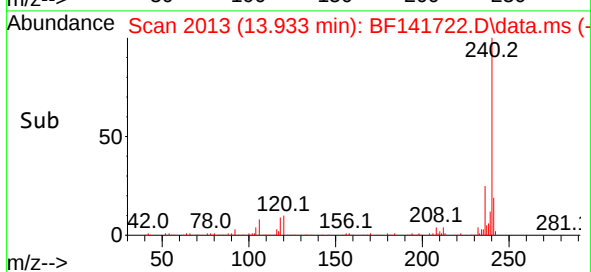
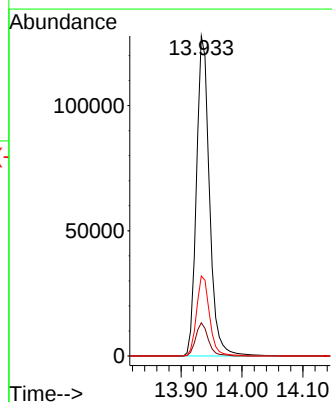
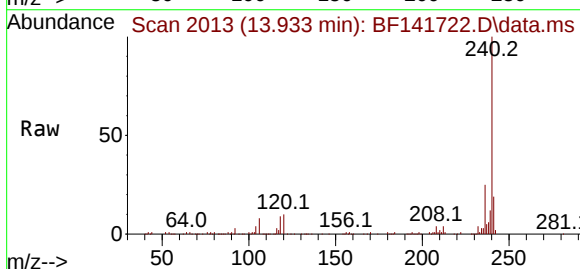
Tgt Ion:240 Resp: 189379

Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

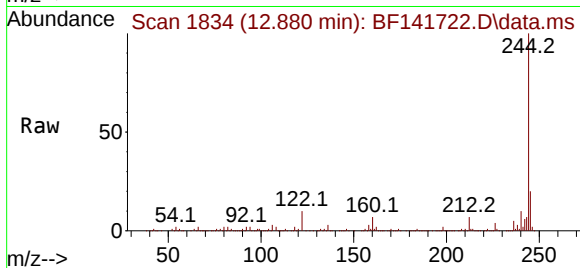
236 25.0 19.8 29.8



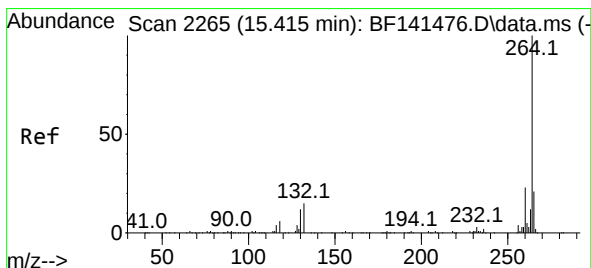
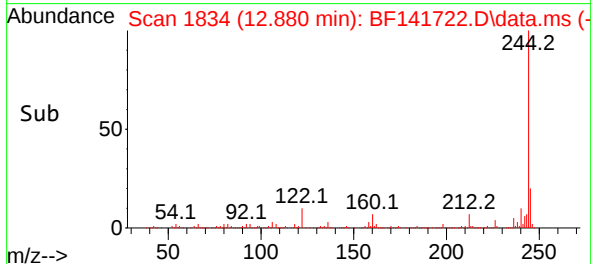
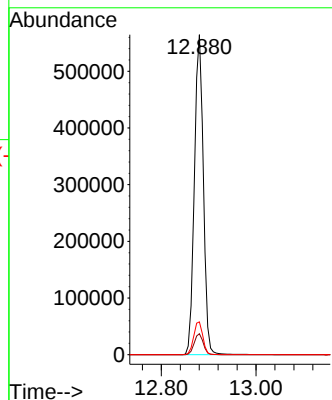


#79
 Terphenyl-d14
 Concen: 65.887 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141722.D
 Acq: 21 Feb 2025 16:17

Instrument :
 BNA_F
 ClientSampleId :
 ST-1



Tgt Ion:244 Resp: 739114
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.3 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 2258
 Delta R.T. -0.041 min
 Lab File: BF141722.D
 Acq: 21 Feb 2025 16:17

Tgt Ion:264 Resp: 182795
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.7 17.0 25.4

