

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141772.D
 Acq On : 25 Feb 2025 19:03
 Operator : RC/JU
 Sample : Q1416-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-022425

Quant Time: Feb 26 00:09:11 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)

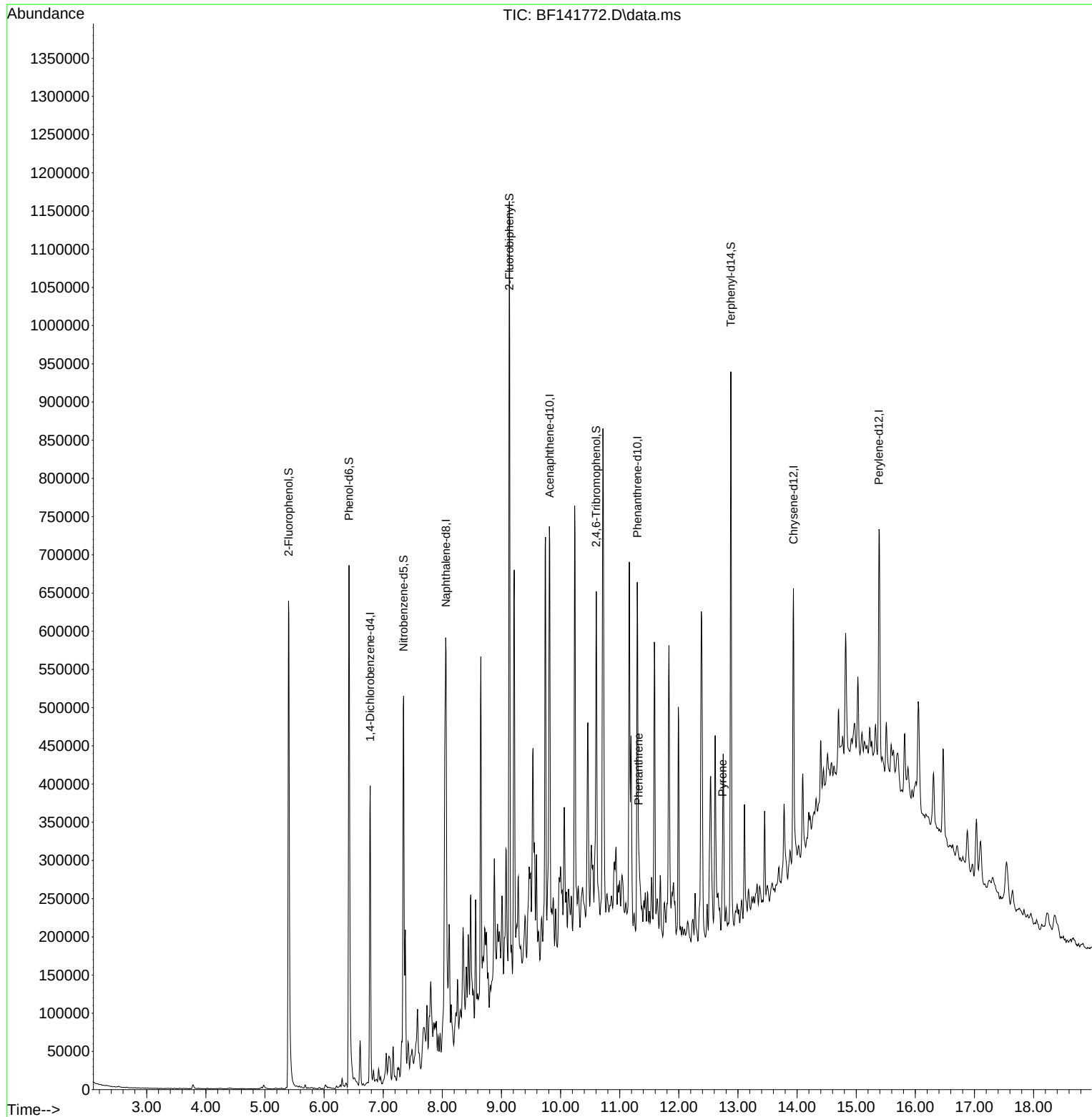
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83391	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	318028	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	158017	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	228309	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	170357	20.000	ng	-0.02
86) Perylene-d12	15.386	264	141085	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	294931	55.447	ng	-0.01
7) Phenol-d6	6.422	99	363908	54.129	ng	-0.02
23) Nitrobenzene-d5	7.345	82	232325	38.103	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	74786	47.114	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	441471	43.043	ng	-0.02
79) Terphenyl-d14	12.880	244	352131	34.895	ng	-0.02
Target Compounds						
71) Phenanthrene	11.322	178	39154	3.116	ng	96
78) Pyrene	12.739	202	44897	3.096	ng	98

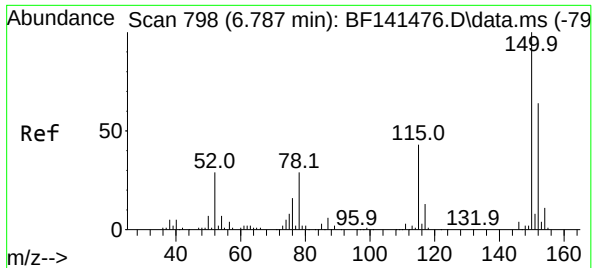
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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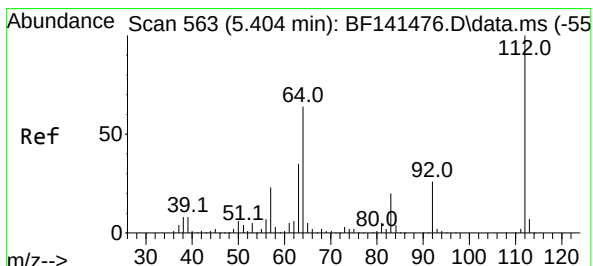
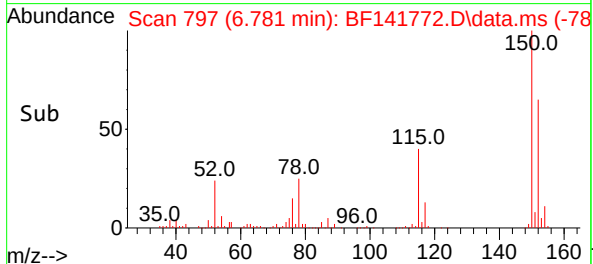
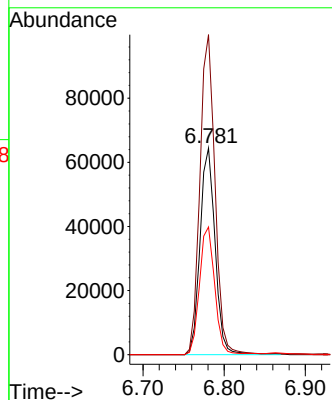
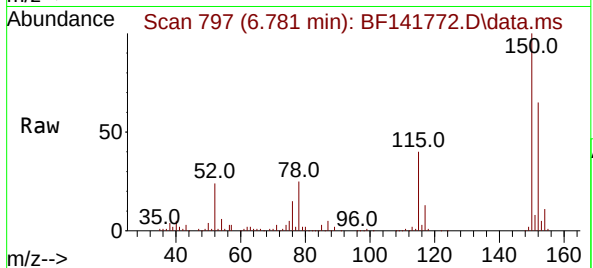




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

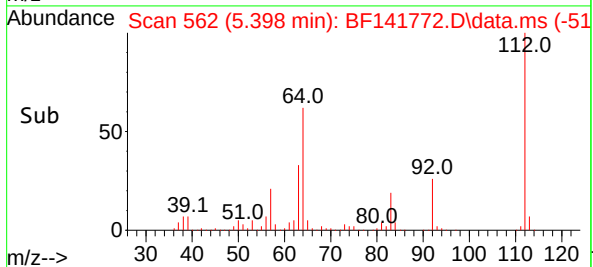
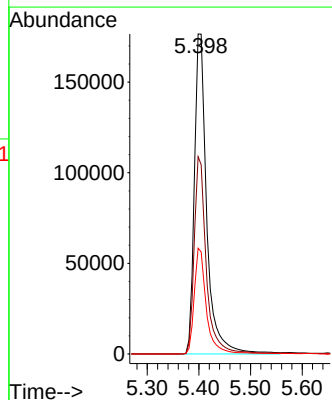
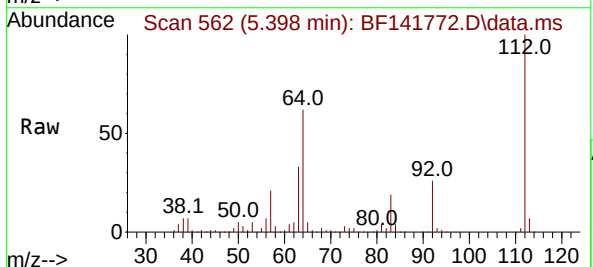
Instrument :
BNA_F
ClientSampleId :
OK-01-022425

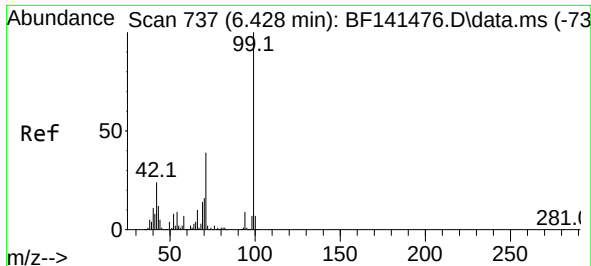
Tgt Ion:152 Resp: 83391
Ion Ratio Lower Upper
152 100
150 154.9 125.0 187.4
115 61.8 53.6 80.4



#5
2-Fluorophenol
Concen: 55.447 ng
RT: 5.398 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

Tgt Ion:112 Resp: 294931
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 33.1 28.4 42.6

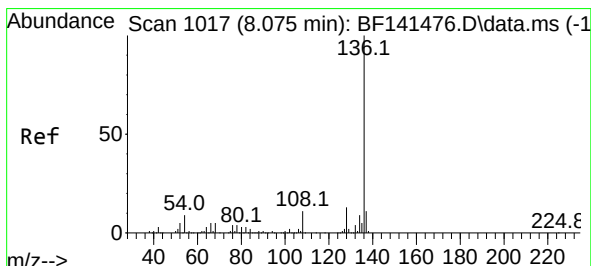
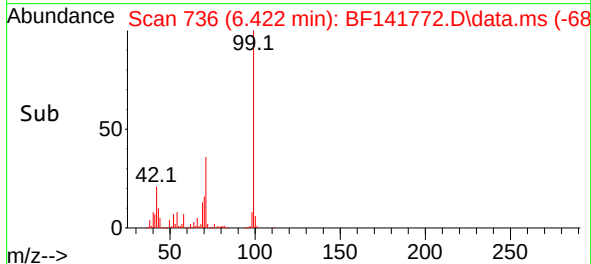
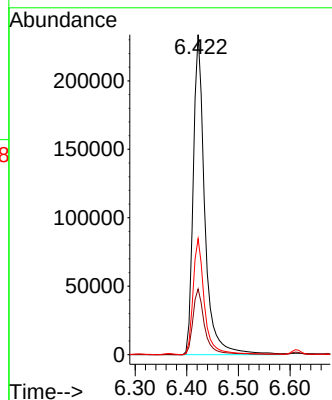
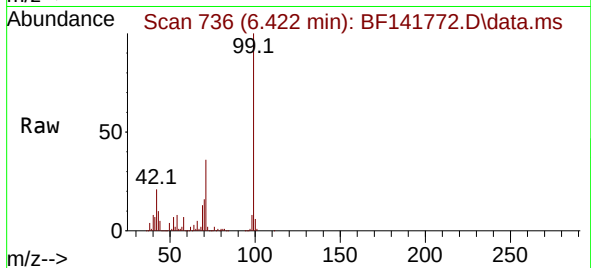




#7
Phenol-d6
Concen: 54.129 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

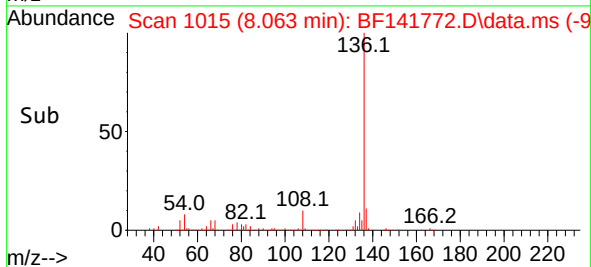
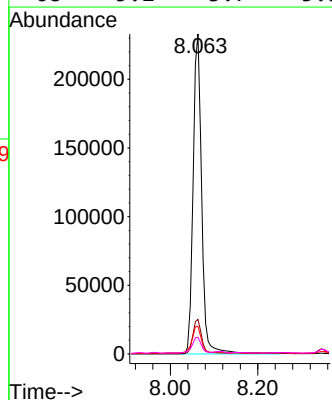
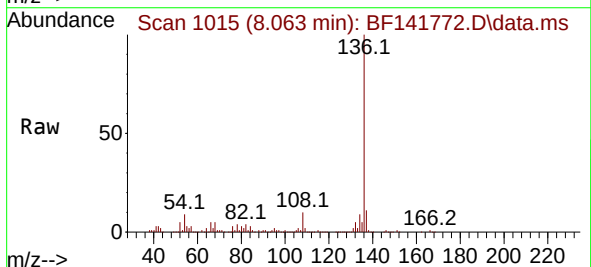
Instrument :
BNA_F
ClientSampleId :
OK-01-022425

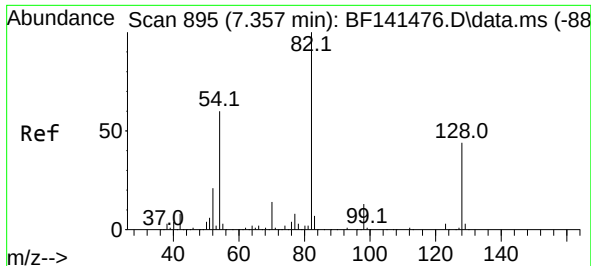
Tgt Ion: 99 Resp: 363908
Ion Ratio Lower Upper
99 100
42 20.5 19.1 28.7
71 36.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

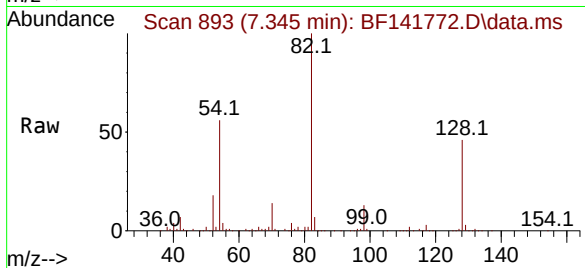
Tgt Ion: 136 Resp: 318028
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.2 10.8
68 5.2 3.7 5.5



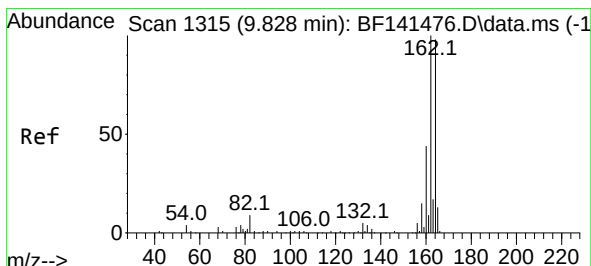
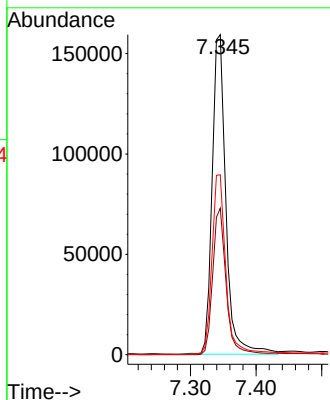
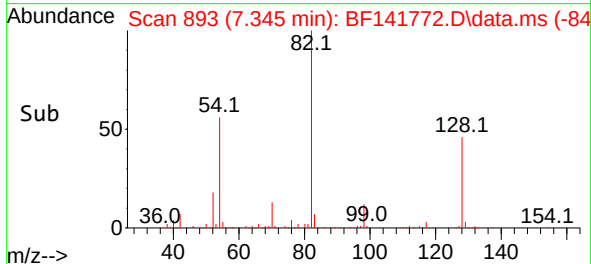


#23
Nitrobenzene-d5
Concen: 38.103 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

Instrument :
BNA_F
ClientSampleId :
OK-01-022425

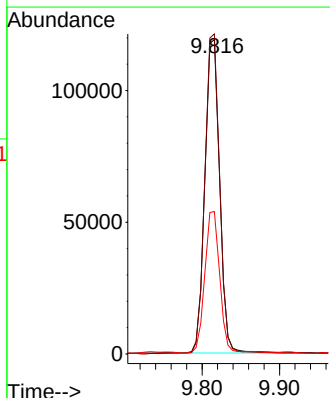
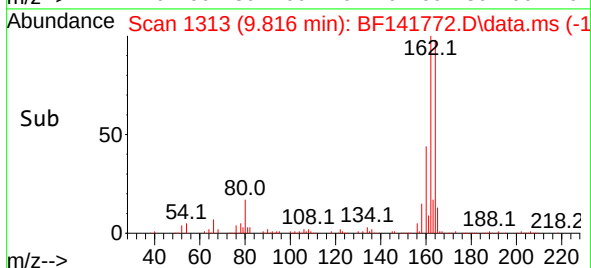
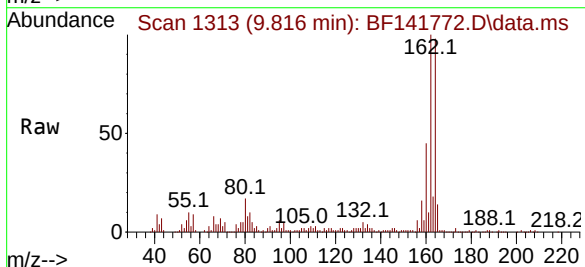


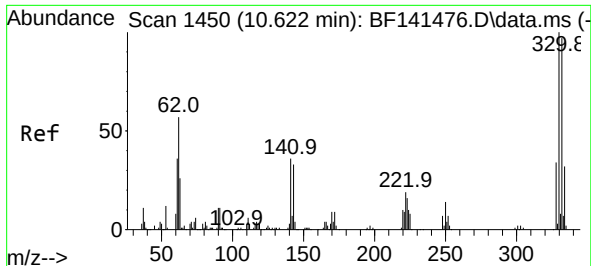
Tgt Ion: 82 Resp: 232325
Ion Ratio Lower Upper
82 100
128 45.8 34.8 52.2
54 56.2 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

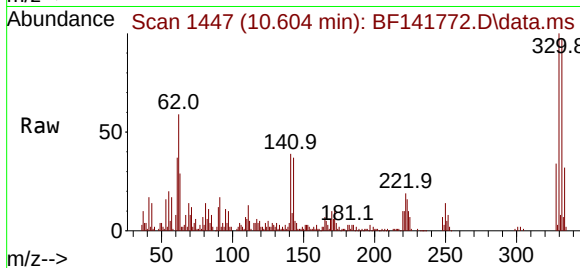
Tgt Ion: 164 Resp: 158017
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.3 35.9 53.9



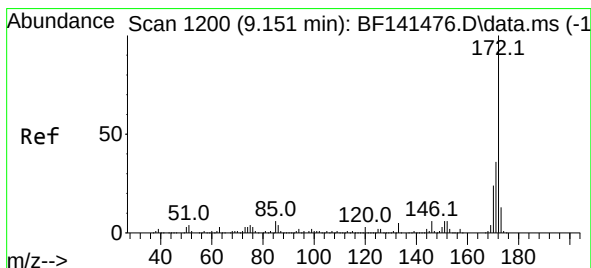
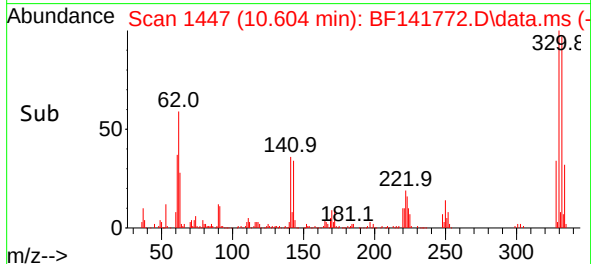
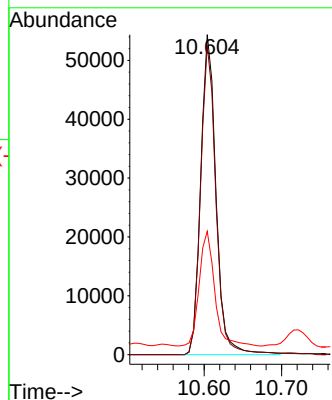


#42
2,4,6-Tribromophenol
Concen: 47.114 ng
RT: 10.604 min Scan# 1450
Delta R.T. -0.023 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

Instrument :
BNA_F
ClientSampleId :
OK-01-022425

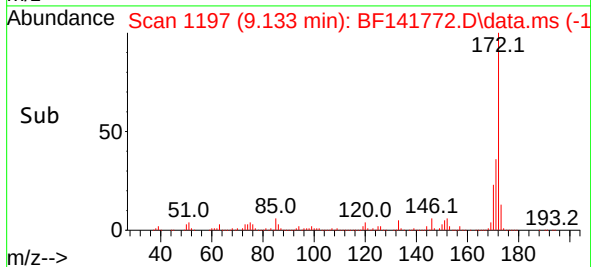
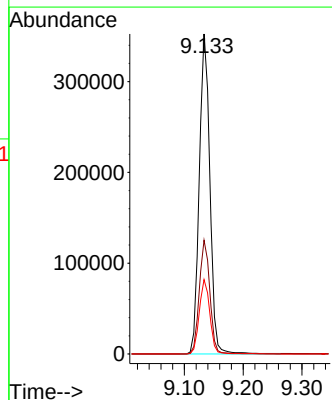
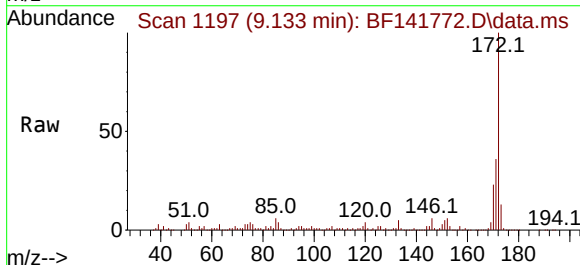


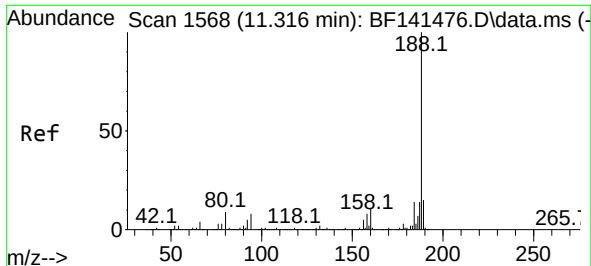
Tgt Ion: 330 Resp: 74786
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 35.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 43.043 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

Tgt Ion: 172 Resp: 441471
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.3 18.9 28.3

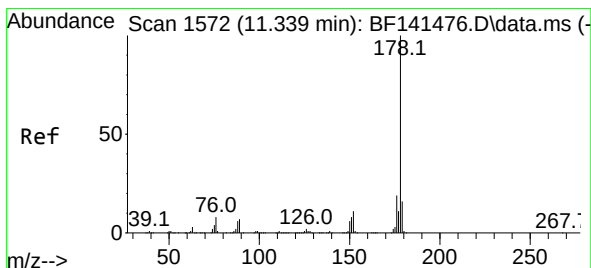
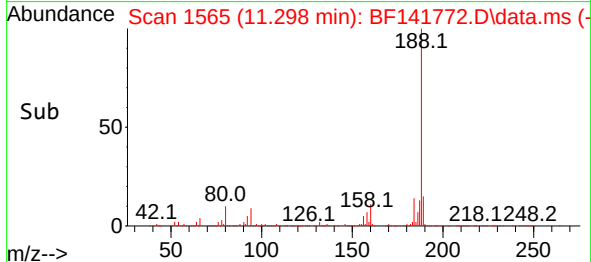
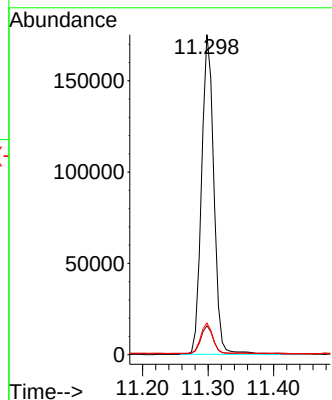
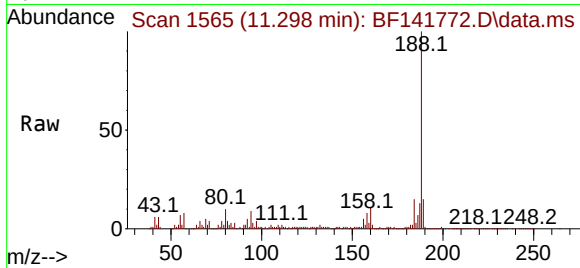




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

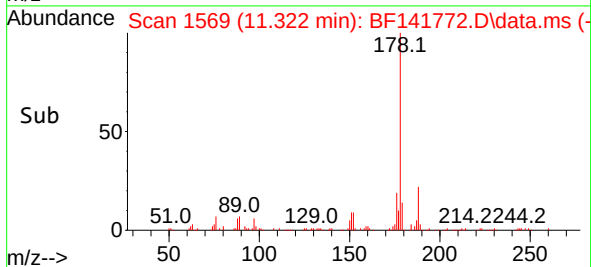
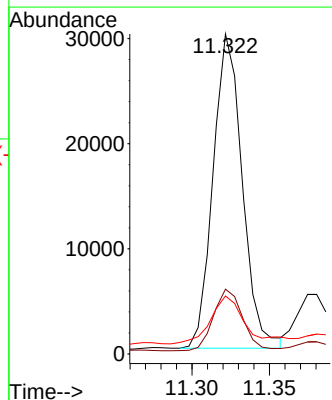
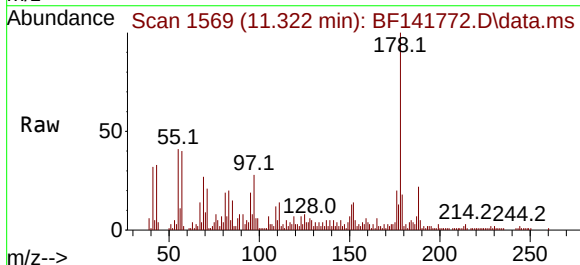
Instrument :
BNA_F
ClientSampleId :
OK-01-022425

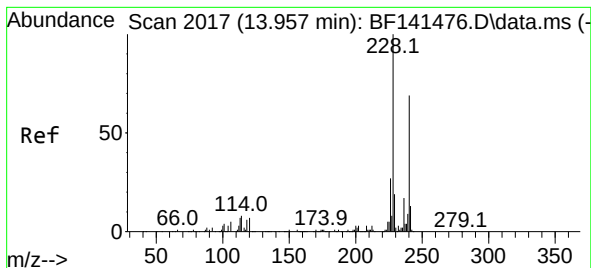
Tgt Ion:188 Resp: 228309
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.9 7.3 10.9



#71
Phenanthrene
Concen: 3.116 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.023 min
Lab File: BF141772.D
Acq: 25 Feb 2025 19:03

Tgt Ion:178 Resp: 39154
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.0
179 18.1 12.4 18.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141772.D

Acq: 25 Feb 2025 19:03

Instrument :

BNA_F

ClientSampleId :

OK-01-022425

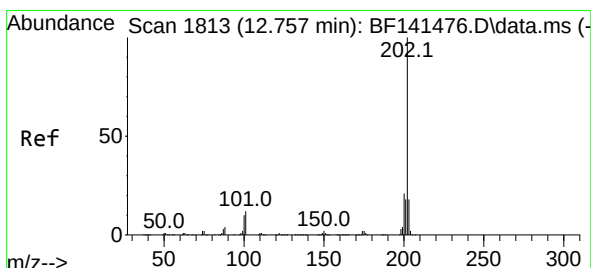
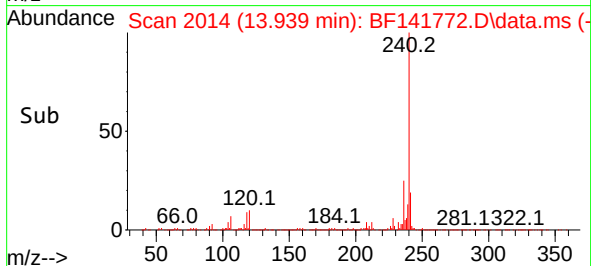
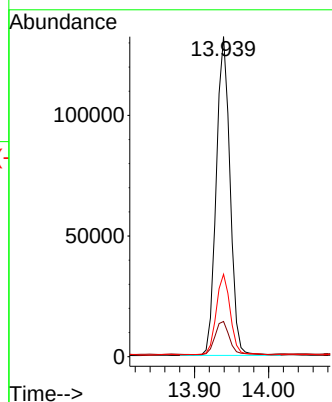
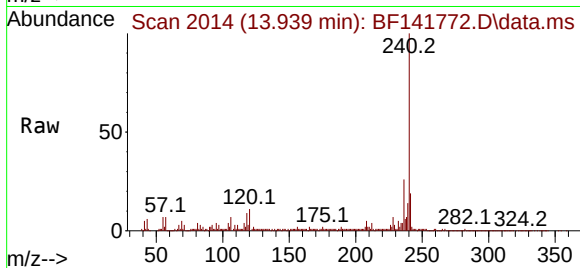
Tgt Ion:240 Resp: 170357

Ion Ratio Lower Upper

240 100

120 11.0 8.0 12.0

236 25.8 19.8 29.8



#78

Pyrene

Concen: 3.096 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.023 min

Lab File: BF141772.D

Acq: 25 Feb 2025 19:03

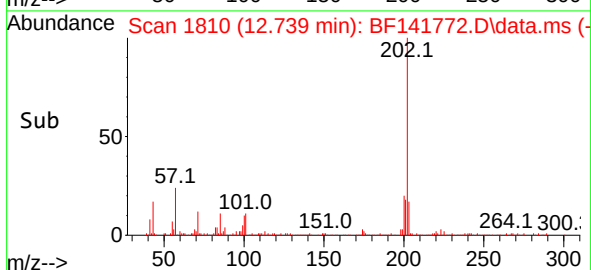
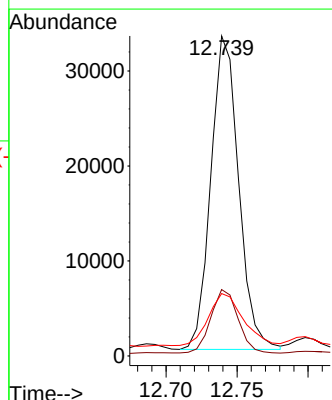
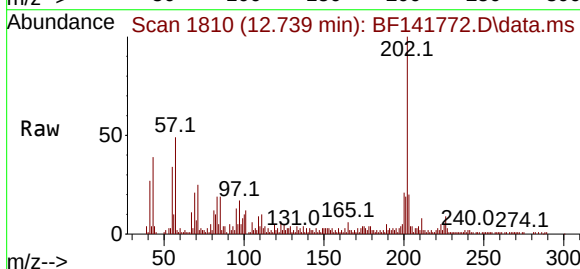
Tgt Ion:202 Resp: 44897

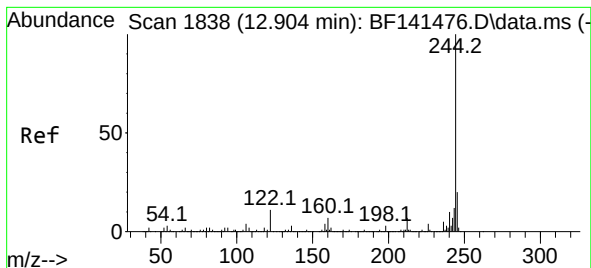
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 19.5 14.3 21.5





#79

Terphenyl-d14

Concen: 34.895 ng

RT: 12.880 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF141772.D

Acq: 25 Feb 2025 19:03

Instrument :

BNA_F

ClientSampleId :

OK-01-022425

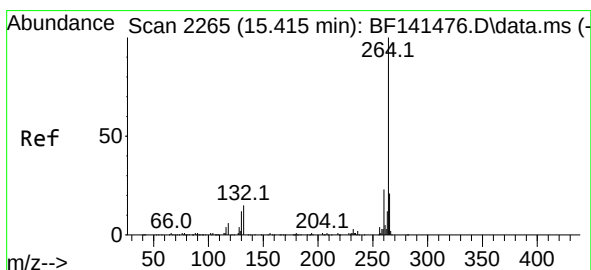
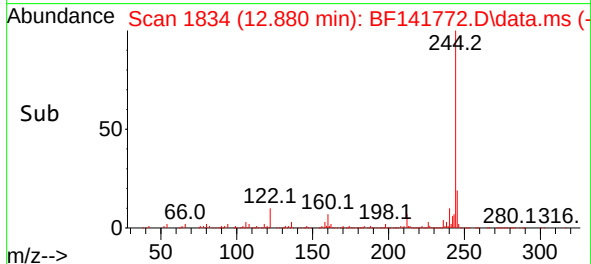
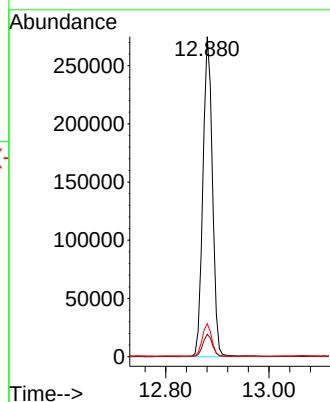
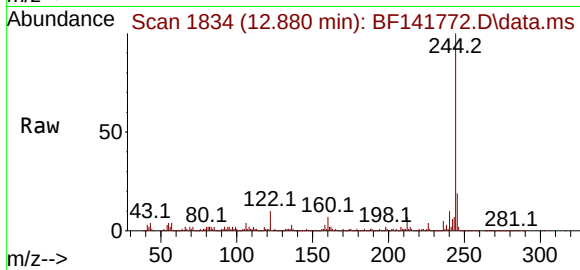
Tgt Ion:244 Resp: 352131

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.029 min

Lab File: BF141772.D

Acq: 25 Feb 2025 19:03

Tgt Ion:264 Resp: 141085

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.1 17.0 25.4

