

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141344.D
 Acq On : 31 Jan 2025 20:56
 Operator : RC/JU
 Sample : Q1239-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357

Quant Time: Jan 31 22:32:25 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)

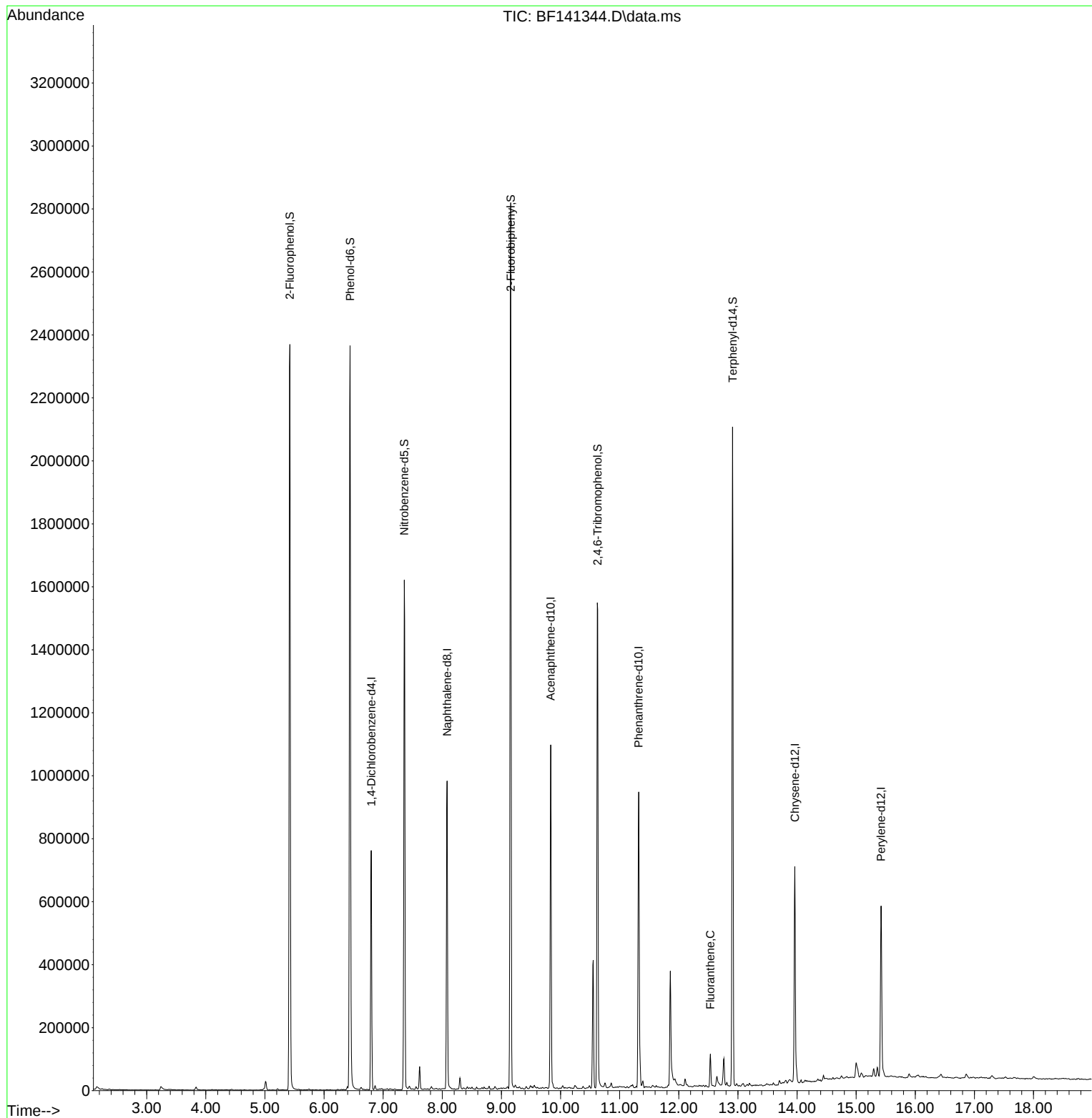
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	152887	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	609017	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	315245	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	470363	20.000	ng	0.00
76) Chrysene-d12	13.963	240	307038	20.000	ng	-0.01
86) Perylene-d12	15.421	264	311826	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	904249	90.799	ng	0.01
7) Phenol-d6	6.440	99	1131739	89.333	ng	0.00
23) Nitrobenzene-d5	7.357	82	717825	62.135	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	256685	88.816	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1245336	60.804	ng	0.00
79) Terphenyl-d14	12.910	244	1010630	50.762	ng	0.00
Target Compounds						
75) Fluoranthene	12.533	202	57595	2.307	ng	Qvalue 99

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

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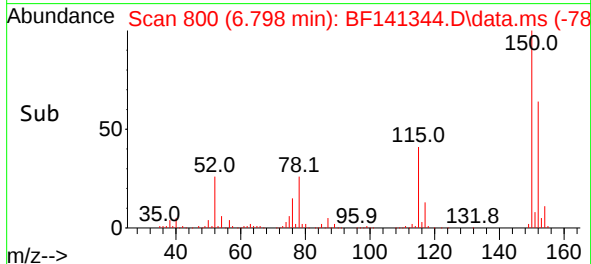
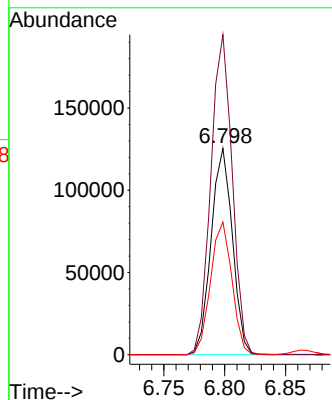
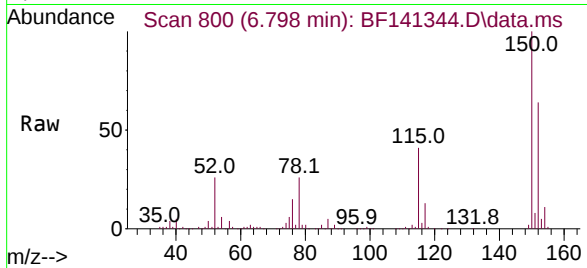




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141344.D
 Acq: 31 Jan 2025 20:56

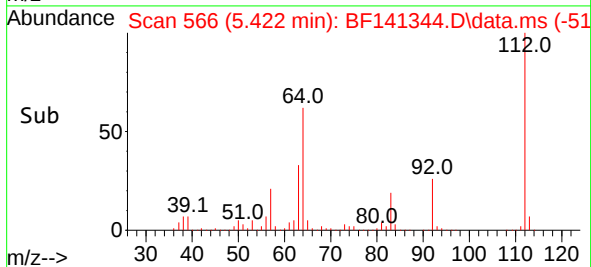
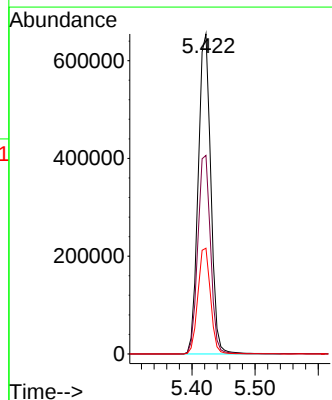
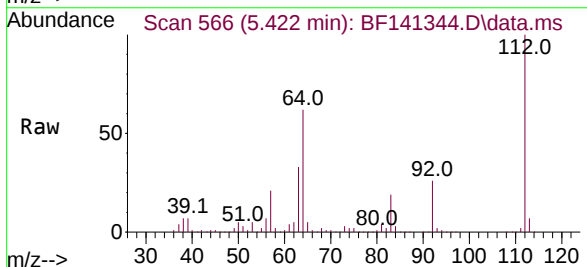
Instrument :
 BNA_F
 ClientSampleId :
 357

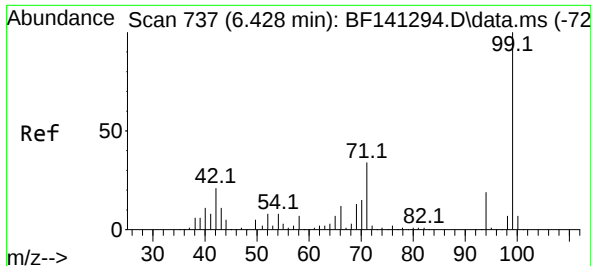
Tgt Ion:152 Resp: 152887
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.9 188.9
 115 64.3 49.7 74.5



#5
 2-Fluorophenol
 Concen: 90.799 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141344.D
 Acq: 31 Jan 2025 20:56

Tgt Ion:112 Resp: 904249
 Ion Ratio Lower Upper
 112 100
 64 62.1 49.8 74.8
 63 33.0 26.1 39.1





#7

Phenol-d6

Concen: 89.333 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141344.D

Acq: 31 Jan 2025 20:56

Instrument :

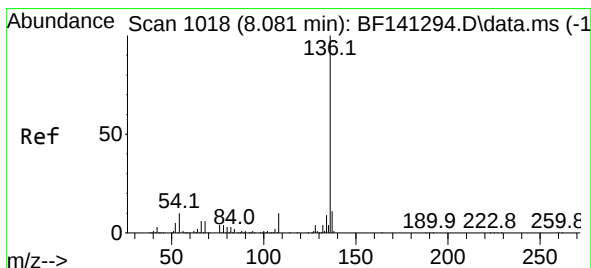
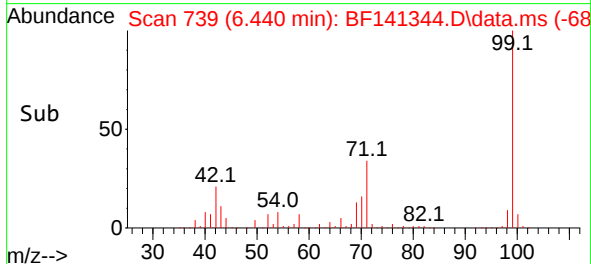
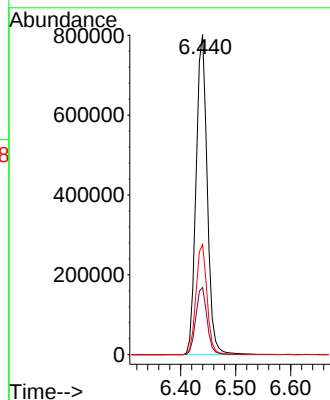
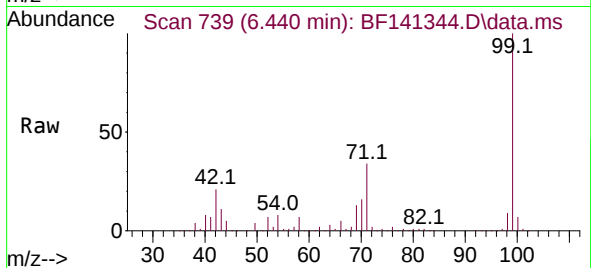
BNA_F

ClientSampleId :

357

Tgt Ion: 99 Resp: 1131739

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.1	25.7
71	34.4	26.9	40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1018

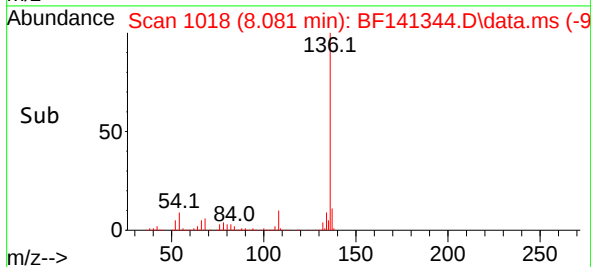
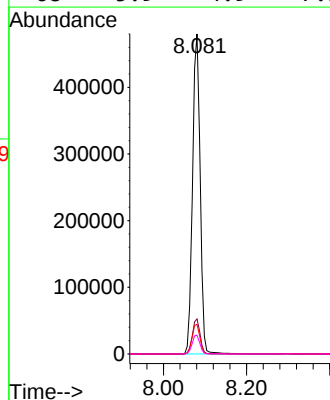
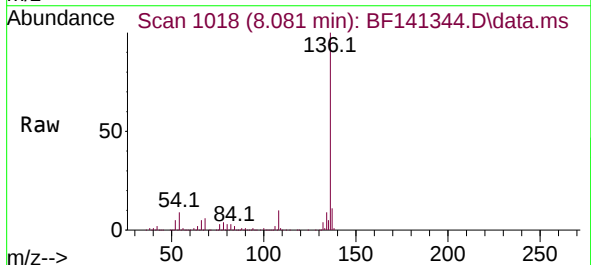
Delta R.T. -0.006 min

Lab File: BF141344.D

Acq: 31 Jan 2025 20:56

Tgt Ion: 136 Resp: 609017

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.3	7.8	11.8
68	5.9	4.9	7.3

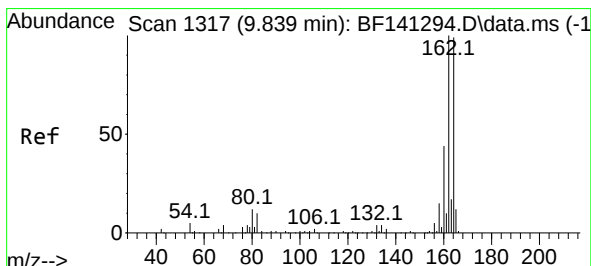
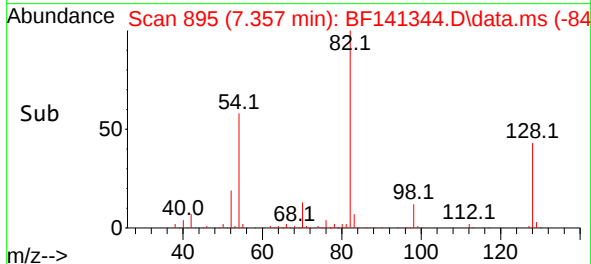
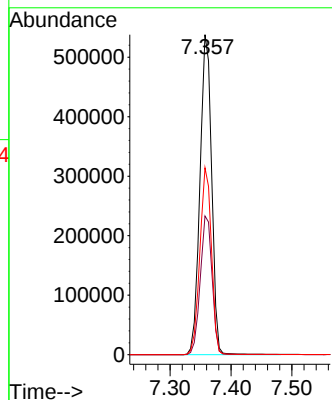
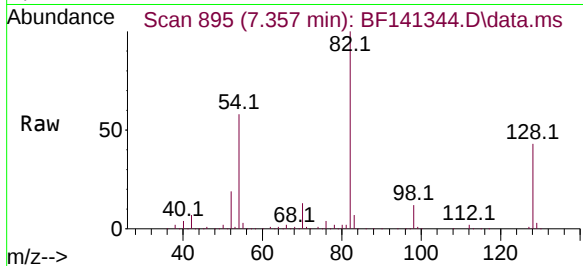




#23
Nitrobenzene-d5
Concen: 62.135 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF141344.D
Acq: 31 Jan 2025 20:56

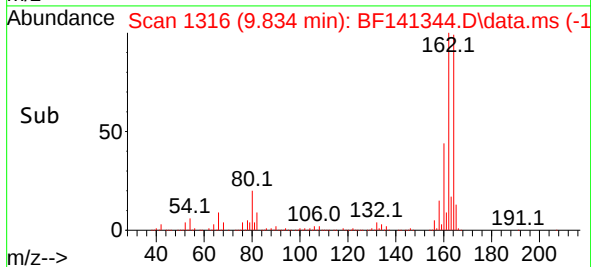
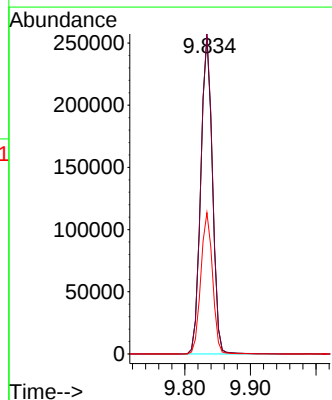
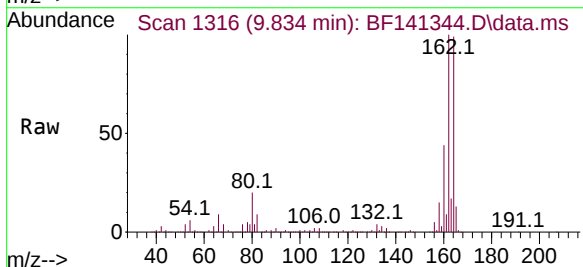
Instrument :
BNA_F
ClientSampleId :
357

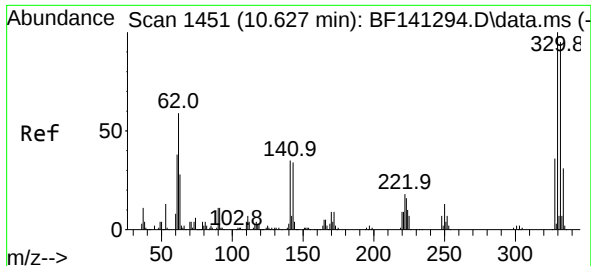
Tgt Ion: 82 Resp: 717825
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 58.4 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141344.D
Acq: 31 Jan 2025 20:56

Tgt Ion: 164 Resp: 315245
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 88.816 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141344.D

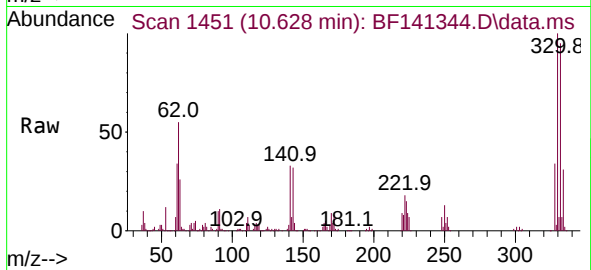
Acq: 31 Jan 2025 20:56

Instrument :

BNA_F

ClientSampleId :

357



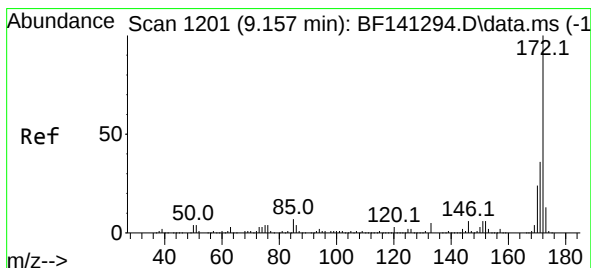
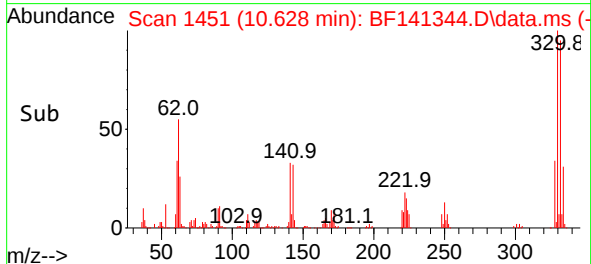
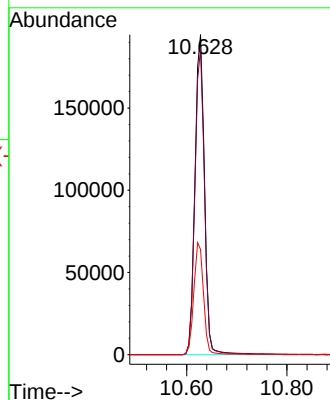
Tgt Ion:330 Resp: 256685

Ion Ratio Lower Upper

330 100

332 96.3 76.1 114.1

141 35.8 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 60.804 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141344.D

Acq: 31 Jan 2025 20:56

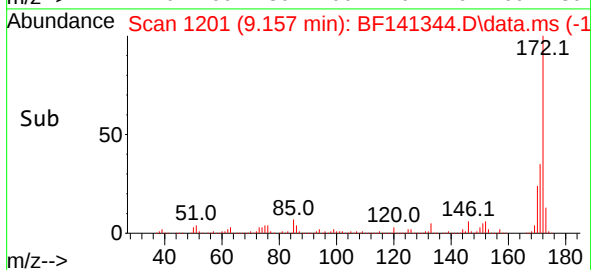
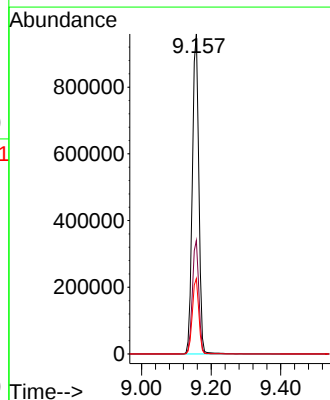
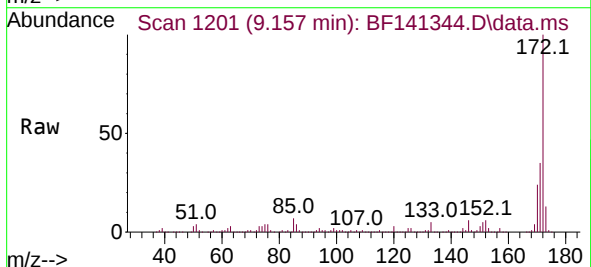
Tgt Ion:172 Resp: 1245336

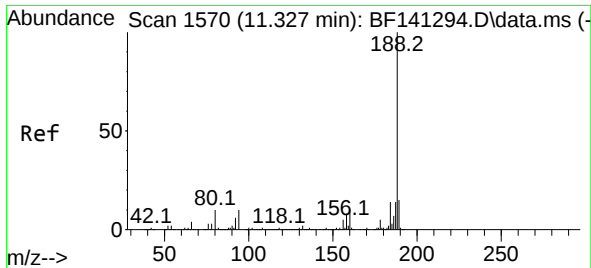
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 19.0 28.6

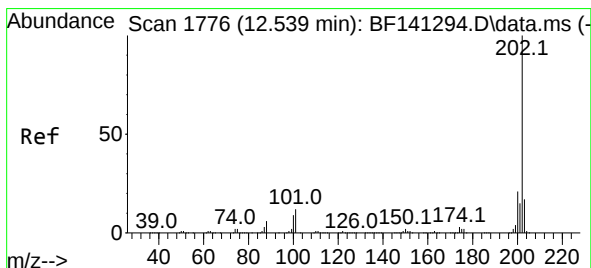
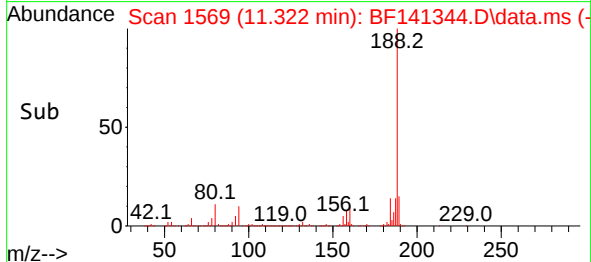
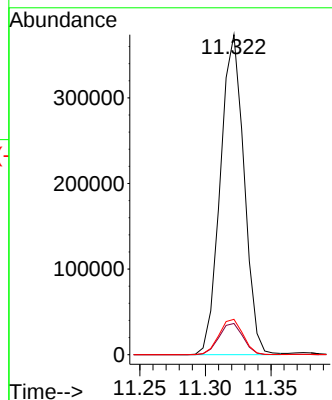
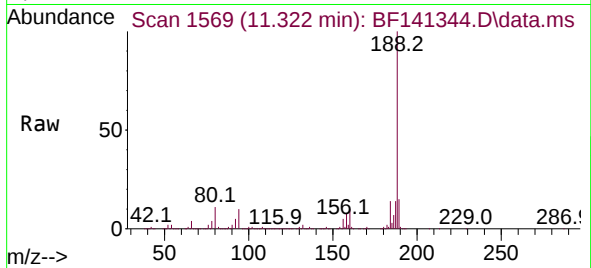




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141344.D
Acq: 31 Jan 2025 20:56

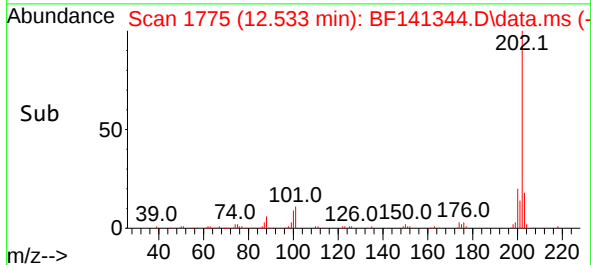
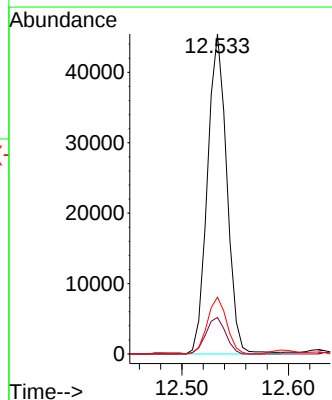
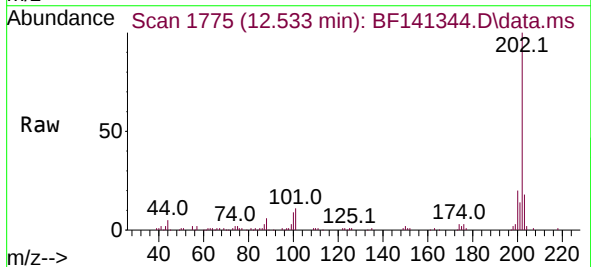
Instrument :
BNA_F
ClientSampleId :
357

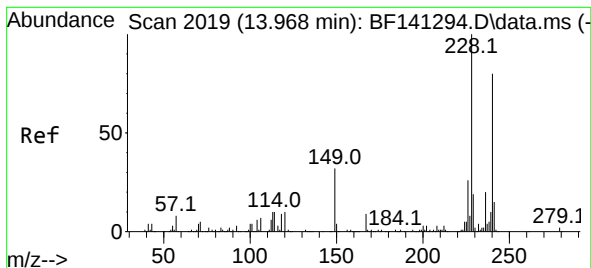
Tgt Ion:188 Resp: 470363
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 11.1 8.2 12.4



#75
Fluoranthene
Concen: 2.307 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141344.D
Acq: 31 Jan 2025 20:56

Tgt Ion:202 Resp: 57595
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.7
203 17.8 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF141344.D

Acq: 31 Jan 2025 20:56

Instrument :

BNA_F

ClientSampleId :

357

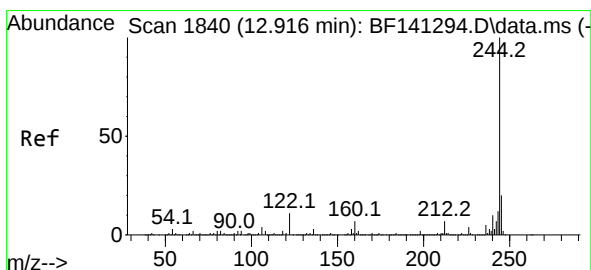
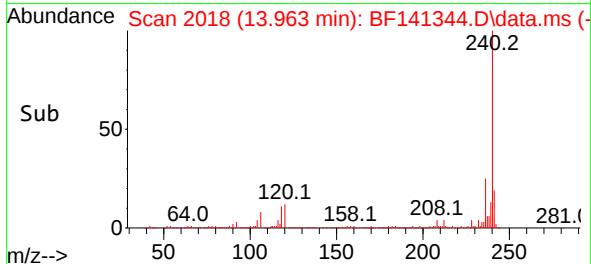
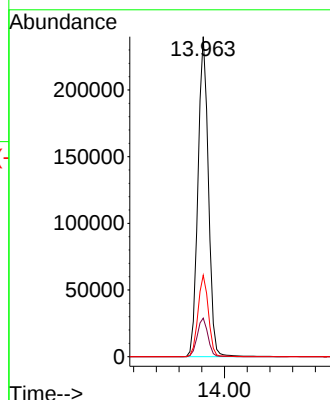
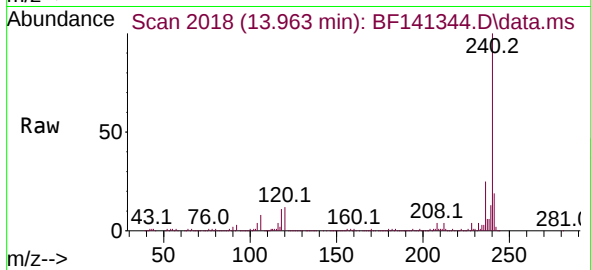
Tgt Ion:240 Resp: 307038

Ion Ratio Lower Upper

240 100

120 12.1 10.0 15.0

236 25.4 19.7 29.5



#79

Terphenyl-d14

Concen: 50.762 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141344.D

Acq: 31 Jan 2025 20:56

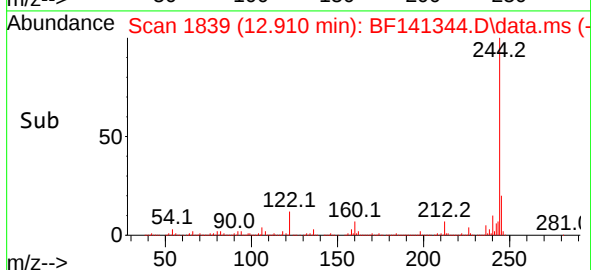
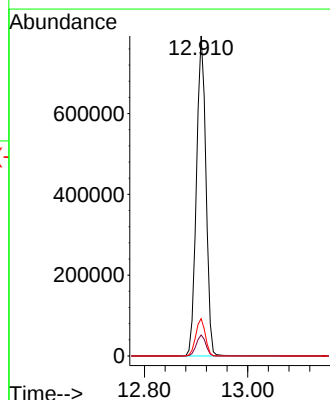
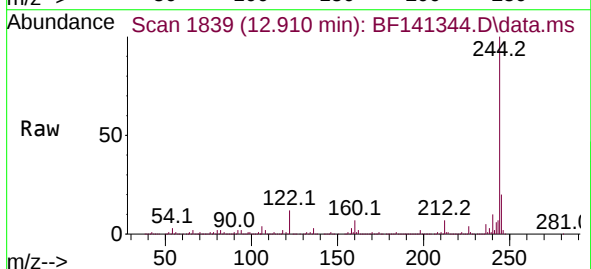
Tgt Ion:244 Resp: 1010630

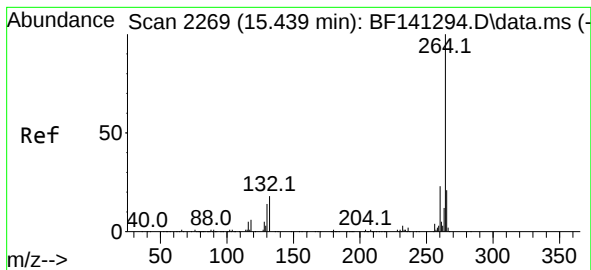
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 11.6 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141344.D

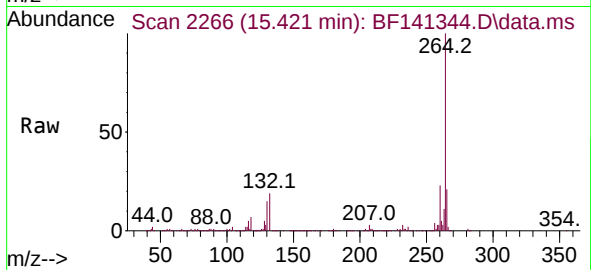
Acq: 31 Jan 2025 20:56

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 311826

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.4 16.7 25.1

