

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141438.D
 Acq On : 05 Feb 2025 11:21
 Operator : RC/JU
 Sample : PB166211TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166211TB

Quant Time: Feb 05 11:41:37 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	6.786	152	74222	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	296208	20.000	ng	#-0.02
39) Acenaphthene-d10	9.827	164	161295	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	276691	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	180800	20.000	ng	-0.02
86) Perylene-d12	15.421	264	151306	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	662085	136.945	ng	0.00
7) Phenol-d6	6.428	99	796762	129.548	ng	-0.01
23) Nitrobenzene-d5	7.351	82	541977	96.456	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	216122	146.156	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1009052	96.291	ng	-0.01
79) Terphenyl-d14	12.904	244	1144313	97.607	ng	-0.01

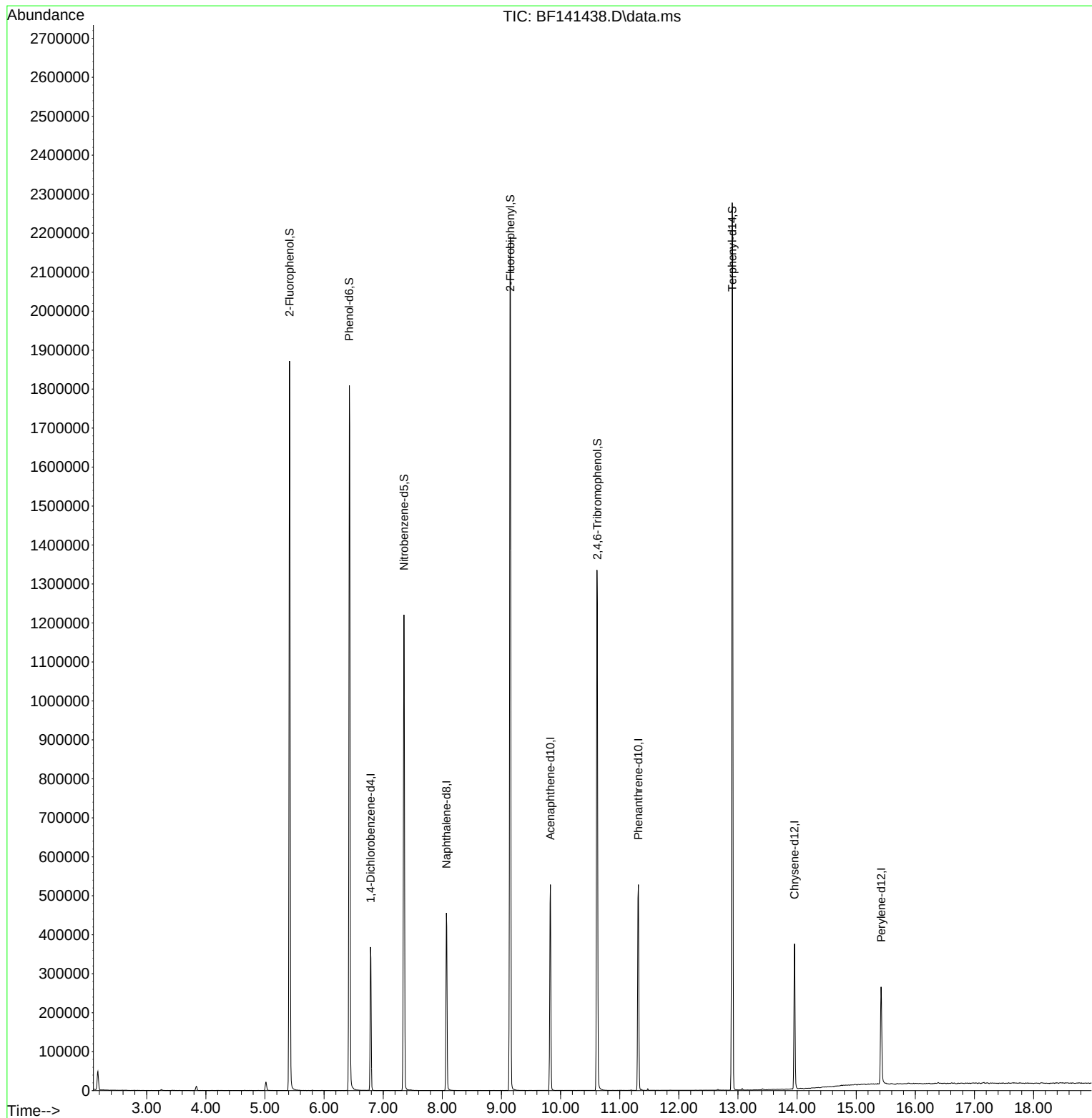
Target Compounds	Qvalue

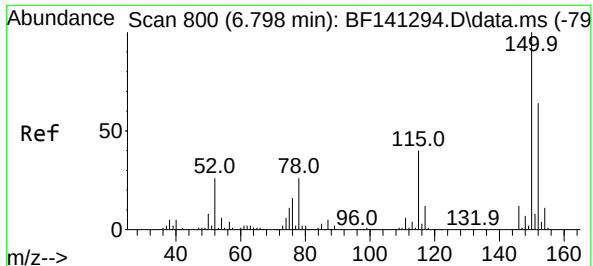
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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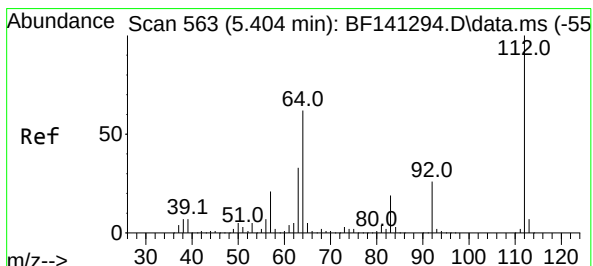
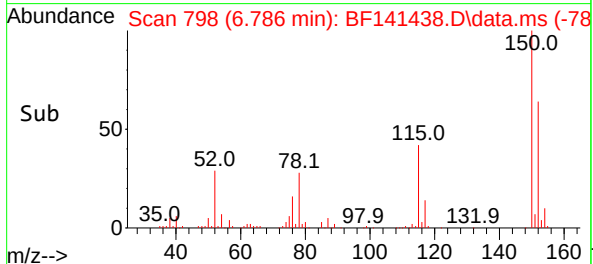
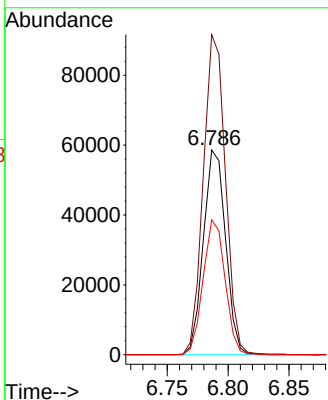
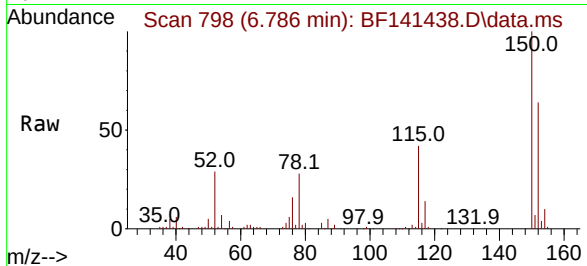




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF141438.D
 Acq: 05 Feb 2025 11:21

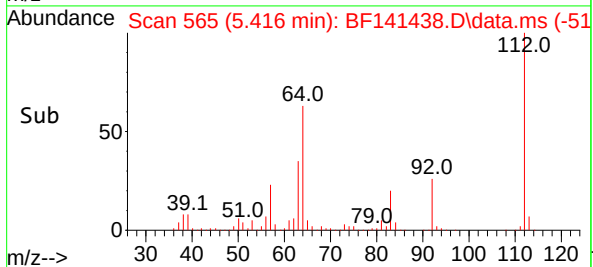
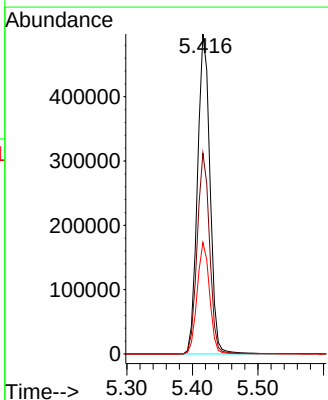
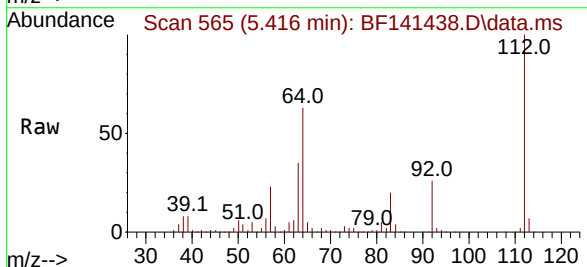
Instrument :
 BNA_F
 ClientSampleId :
 PB166211TB

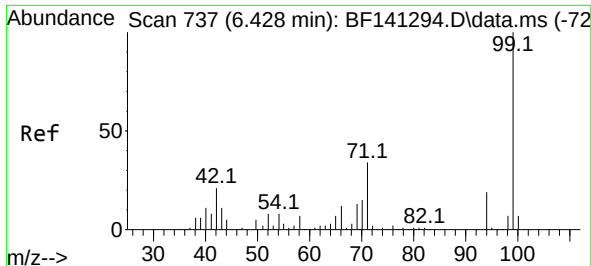
Tgt Ion:152 Resp: 74222
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.9 188.9
 115 65.9 49.7 74.5



#5
 2-Fluorophenol
 Concen: 136.945 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141438.D
 Acq: 05 Feb 2025 11:21

Tgt Ion:112 Resp: 662085
 Ion Ratio Lower Upper
 112 100
 64 62.7 49.8 74.8
 63 34.8 26.1 39.1

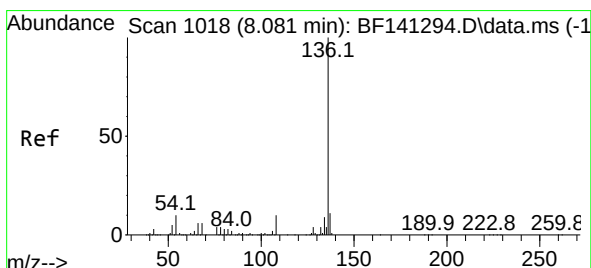
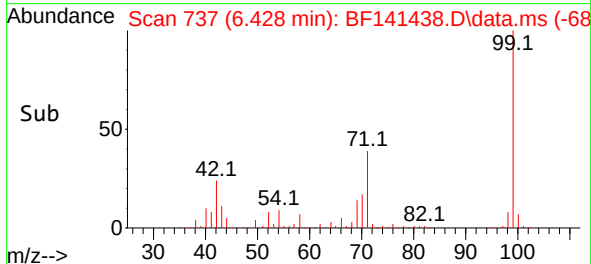
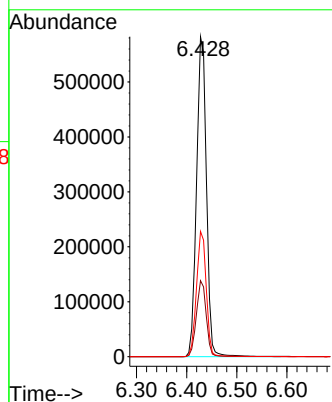
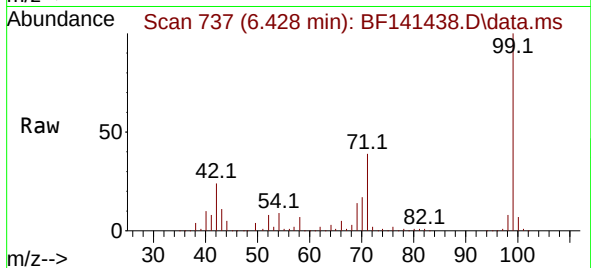




#7
Phenol-d6
Concen: 129.548 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

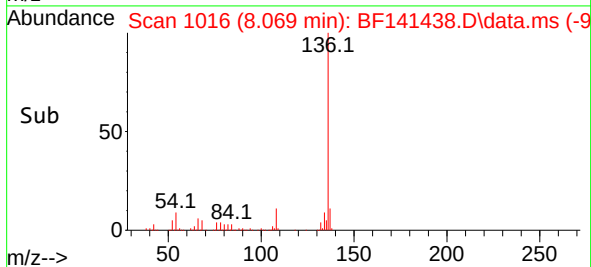
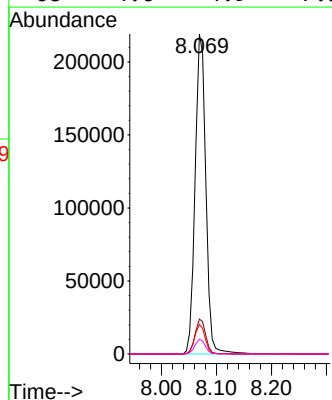
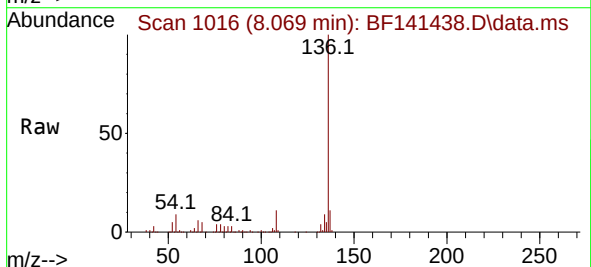
Instrument :
BNA_F
ClientSampleId :
PB166211TB

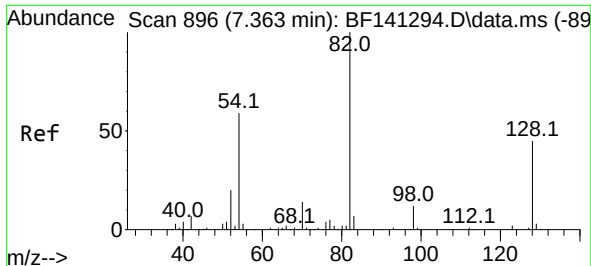
Tgt Ion: 99 Resp: 796762
Ion Ratio Lower Upper
99 100
42 23.7 17.1 25.7
71 39.1 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

Tgt Ion: 136 Resp: 296208
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.8 11.8
68 4.6 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 96.456 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141438.D

Acq: 05 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166211TB

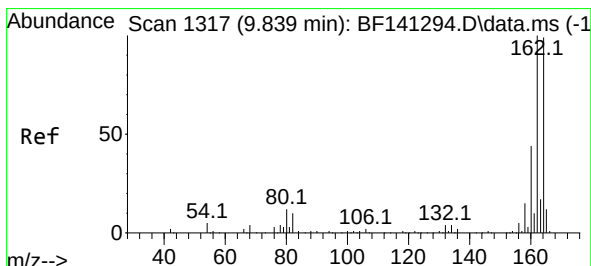
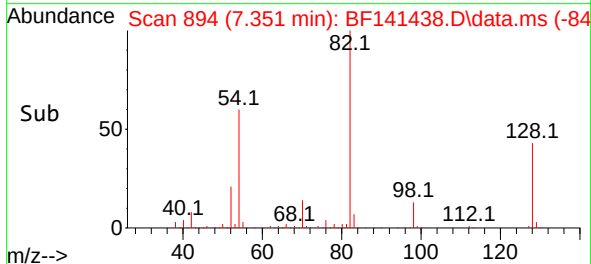
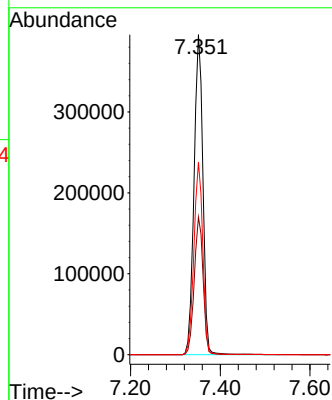
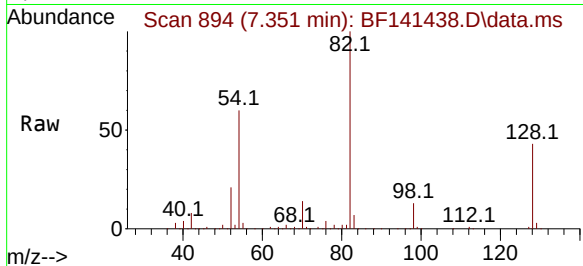
Tgt Ion: 82 Resp: 541977

Ion Ratio Lower Upper

82 100

128 43.0 35.7 53.5

54 60.2 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141438.D

Acq: 05 Feb 2025 11:21

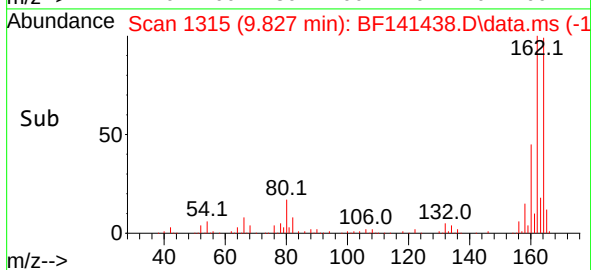
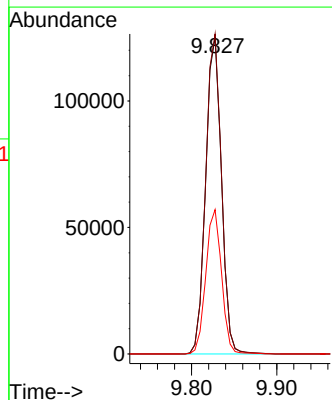
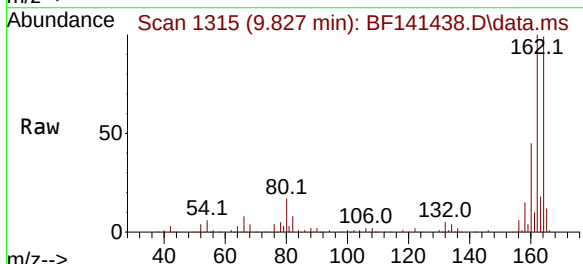
Tgt Ion:164 Resp: 161295

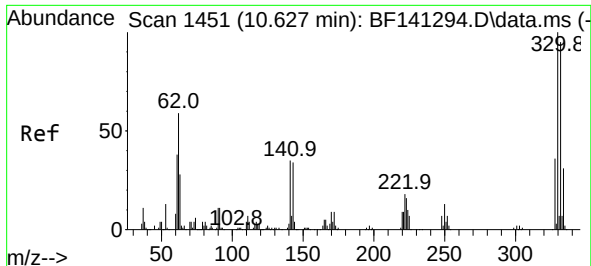
Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

160 45.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 146.156 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141438.D

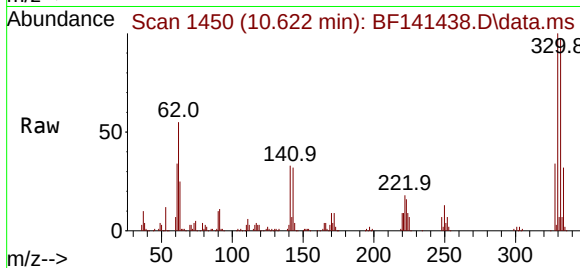
Acq: 05 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166211TB



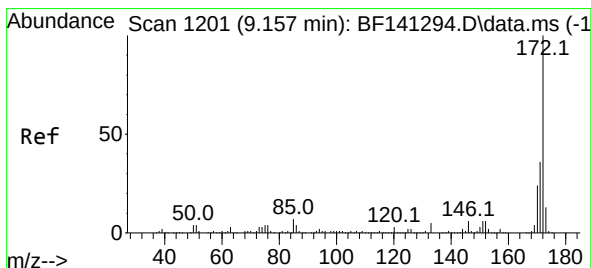
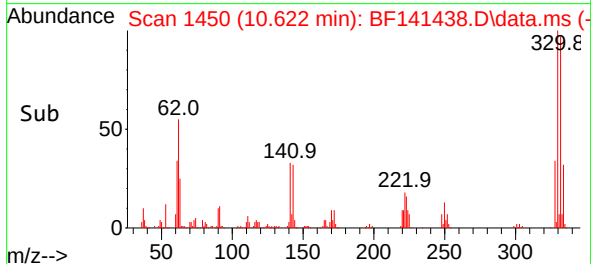
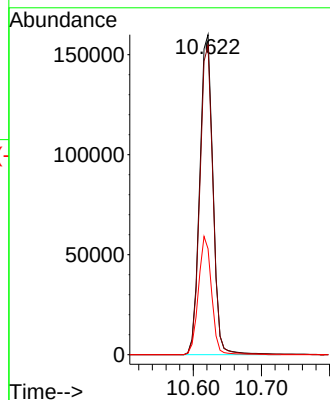
Tgt Ion:330 Resp: 216122

Ion Ratio Lower Upper

330 100

332 96.3 76.1 114.1

141 36.6 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 96.291 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141438.D

Acq: 05 Feb 2025 11:21

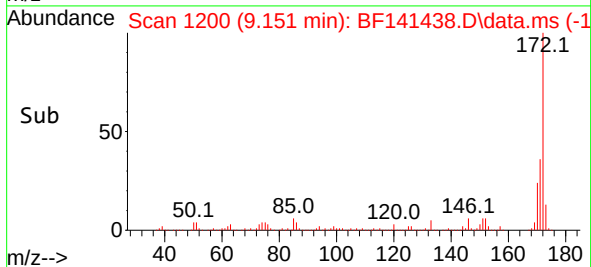
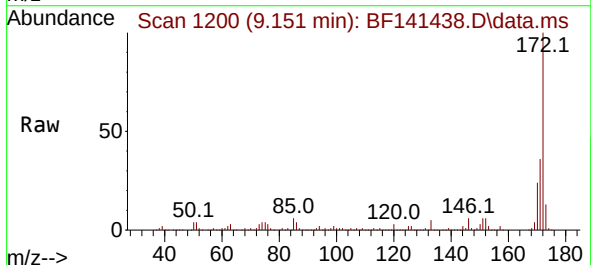
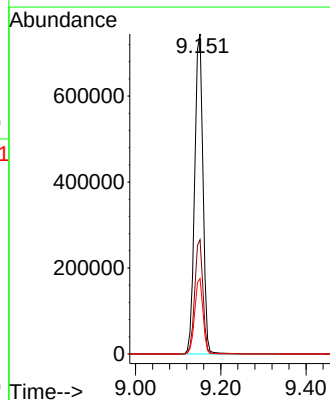
Tgt Ion:172 Resp: 1009052

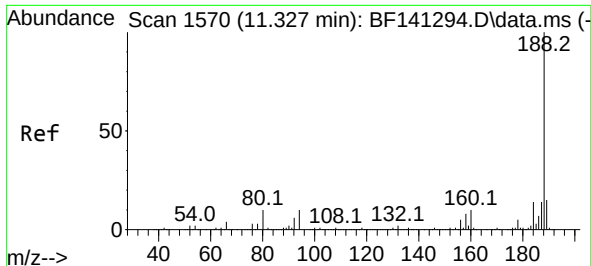
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.0 28.6

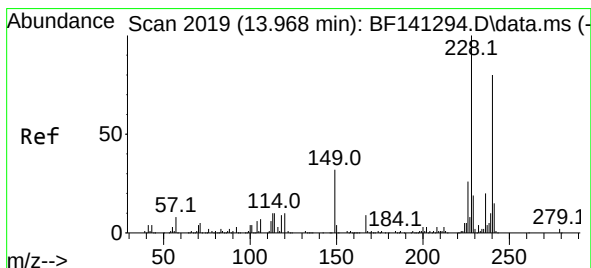
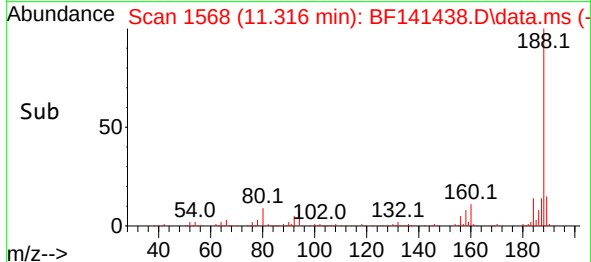
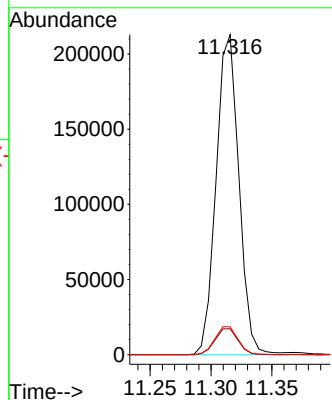
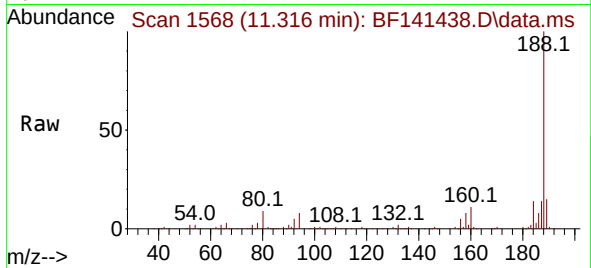




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

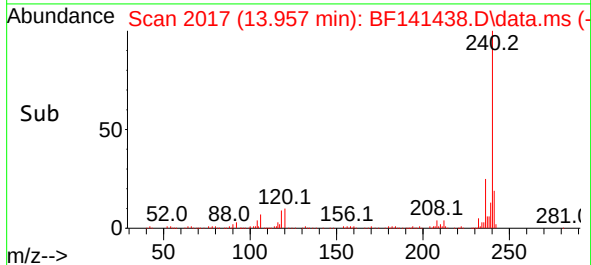
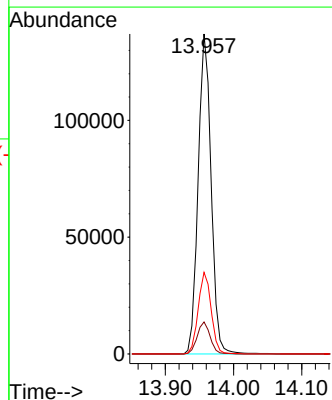
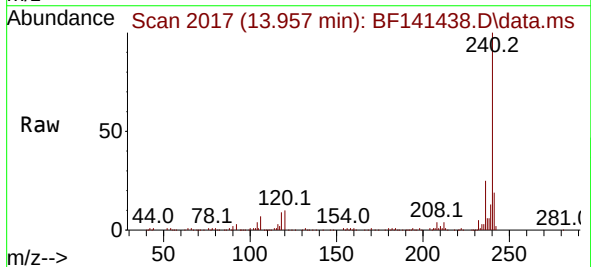
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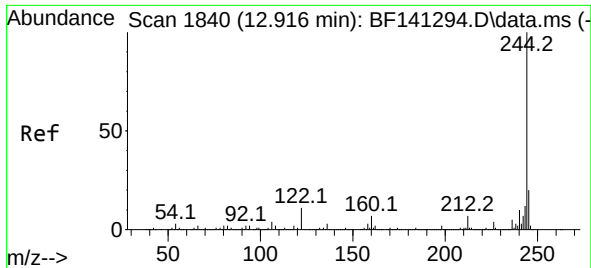
Tgt Ion:188 Resp: 276691
Ion Ratio Lower Upper
188 100
94 8.1 7.8 11.6
80 8.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

Tgt Ion:240 Resp: 180800
Ion Ratio Lower Upper
240 100
120 10.0 10.0 15.0
236 25.5 19.7 29.5

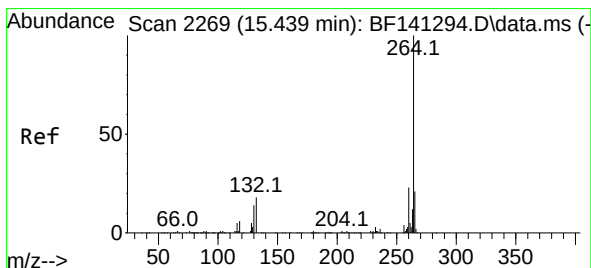
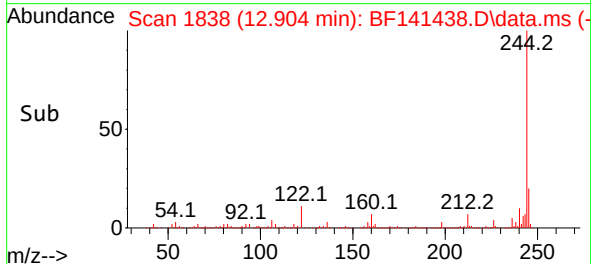
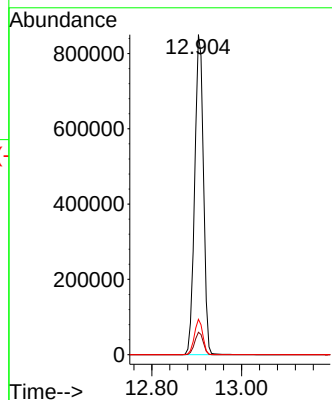
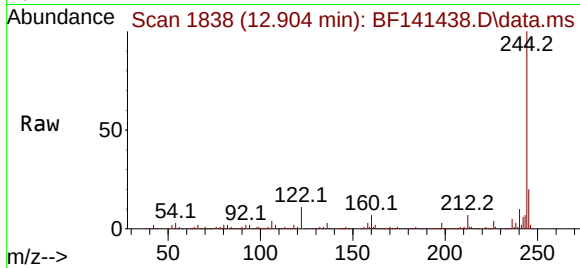




#79
 Terphenyl-d14
 Concen: 97.607 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141438.D
 Acq: 05 Feb 2025 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB166211TB

Tgt Ion:244 Resp: 1144313
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.0 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: BF141438.D
 Acq: 05 Feb 2025 11:21

Tgt Ion:264 Resp: 151306
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.5 16.7 25.1

