

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012825\
 Data File : BF141288.D
 Acq On : 28 Jan 2025 18:56
 Operator : RC/JU
 Sample : PB166167BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

Quant Time: Jan 28 23:57:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 28 23:51:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	129691	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	528400	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	286472	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	505979	20.000	ng	0.00
76) Chrysene-d12	13.963	240	325514	20.000	ng	0.00
86) Perylene-d12	15.415	264	271131	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1098036	130.951	ng	0.00
7) Phenol-d6	6.428	99	1374190	129.663	ng	-0.01
23) Nitrobenzene-d5	7.357	82	892235	89.161	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	388003	132.474	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1591309	86.130	ng	0.00
79) Terphenyl-d14	12.916	244	1821418	87.541	ng	0.00

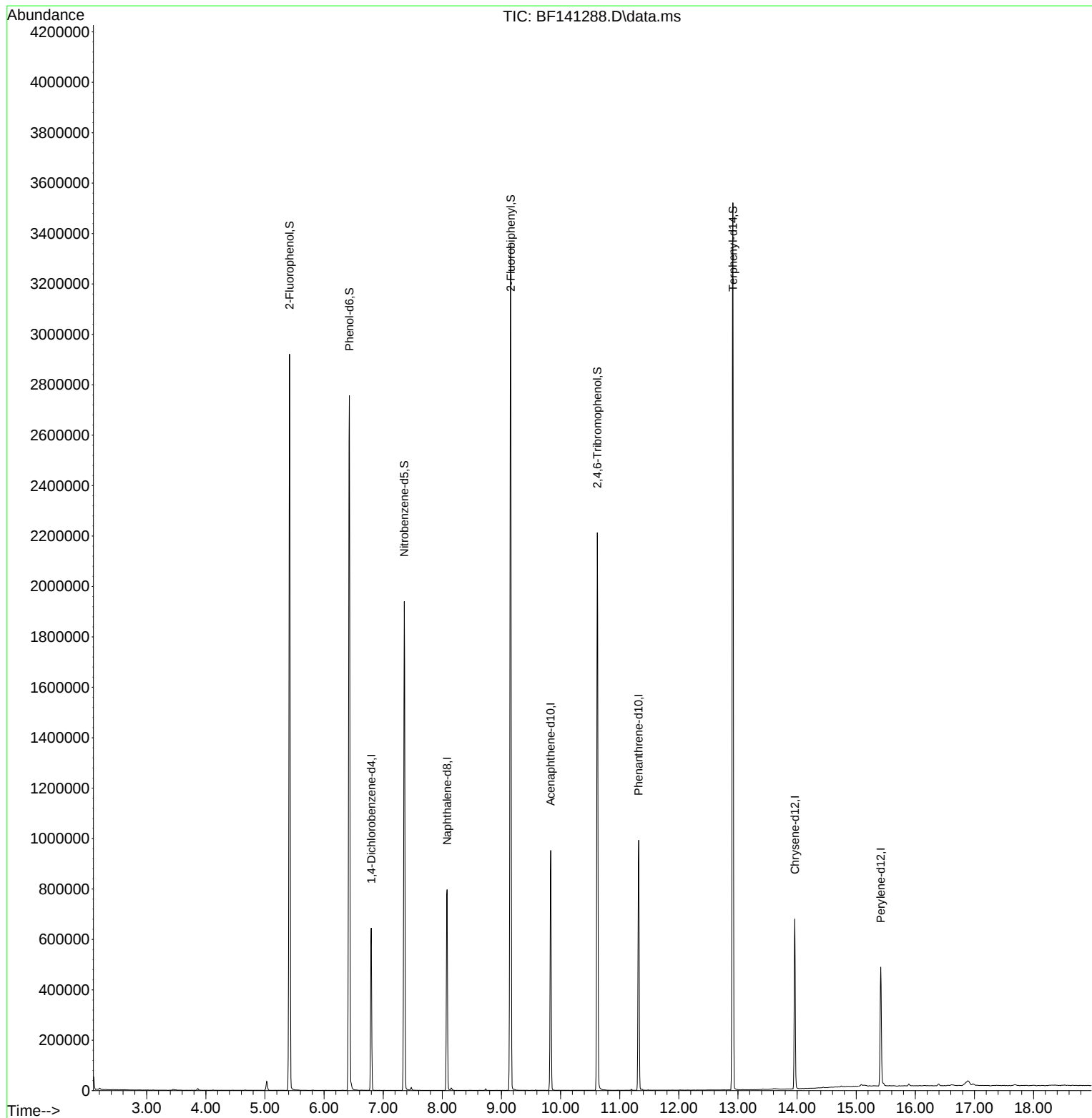
Target Compounds	Qvalue

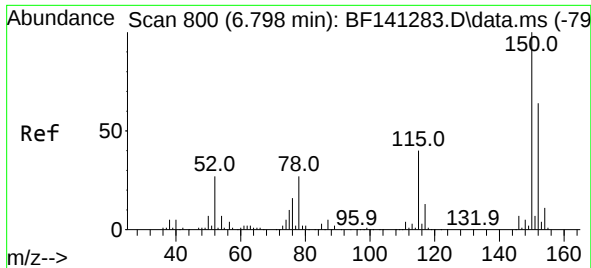
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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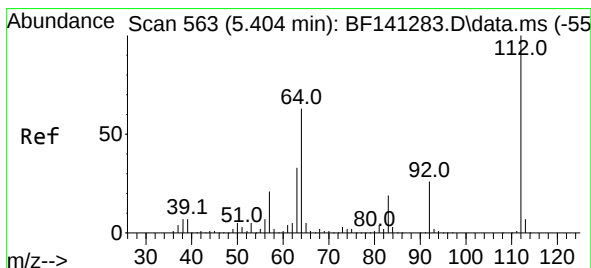
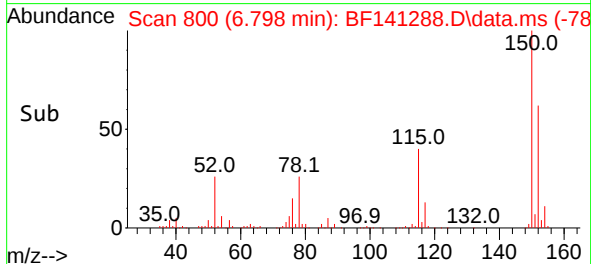
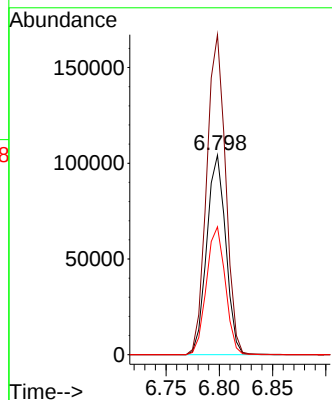
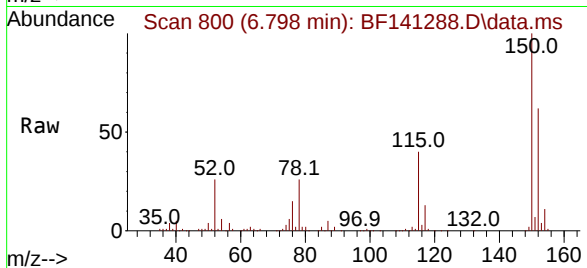




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141288.D
 Acq: 28 Jan 2025 18:56

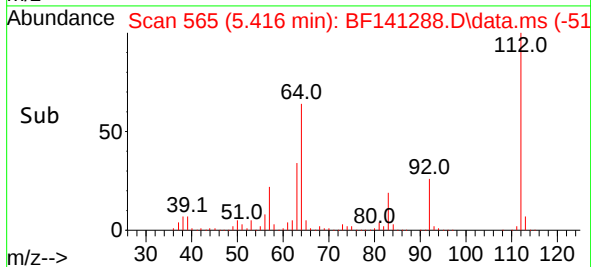
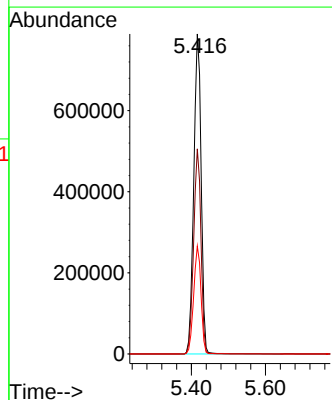
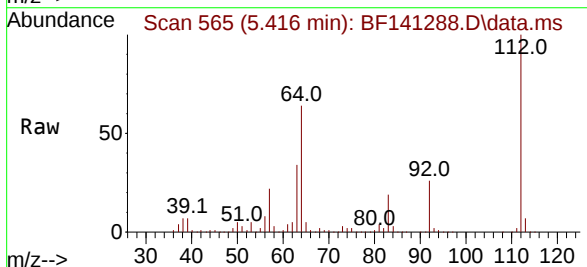
Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

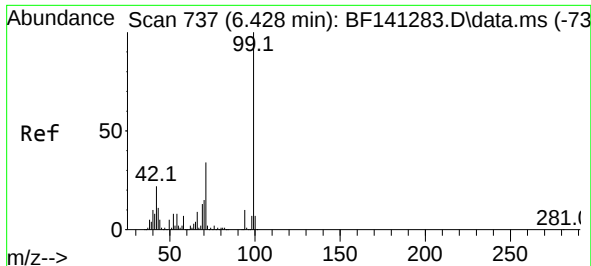
Tgt Ion:152 Resp: 129691
 Ion Ratio Lower Upper
 152 100
 150 160.4 125.6 188.4
 115 64.0 50.3 75.5



#5
 2-Fluorophenol
 Concen: 130.951 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141288.D
 Acq: 28 Jan 2025 18:56

Tgt Ion:112 Resp: 1098036
 Ion Ratio Lower Upper
 112 100
 64 64.1 50.5 75.7
 63 33.7 26.3 39.5





#7
Phenol-d6
Concen: 129.663 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141288.D
Acq: 28 Jan 2025 18:56

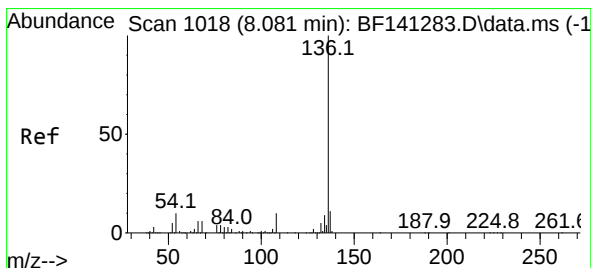
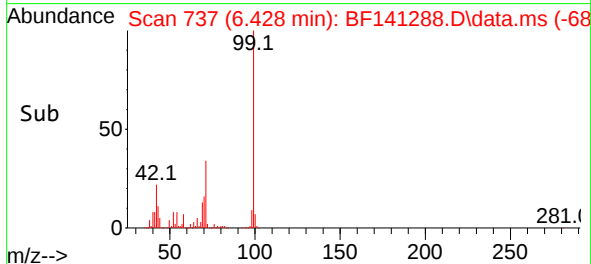
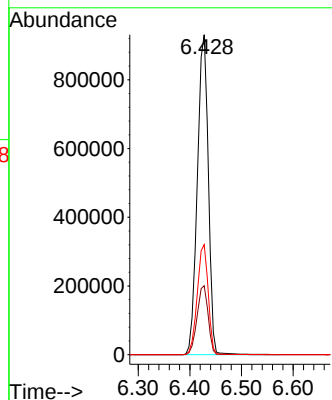
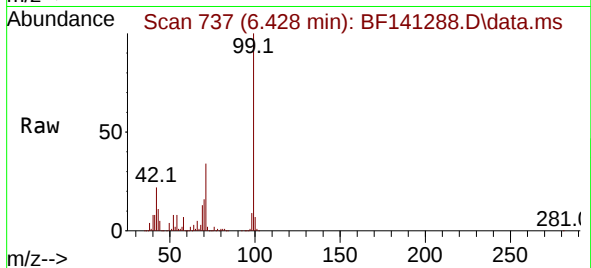
Instrument :

BNA_F

ClientSampleId :

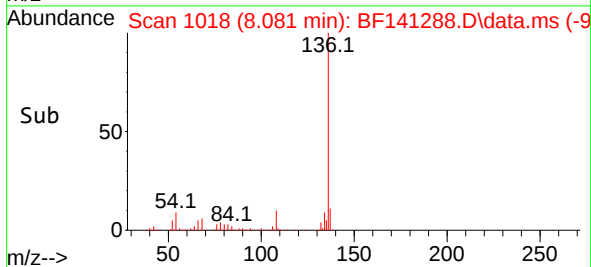
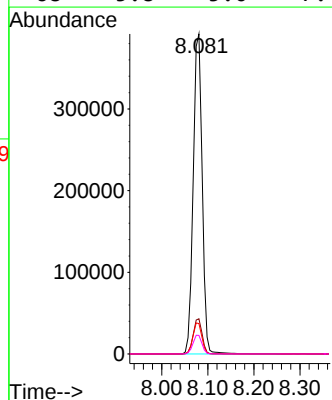
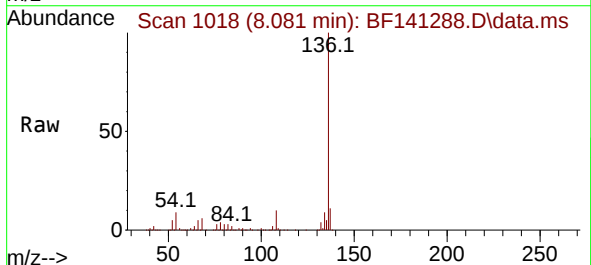
PB166167BL

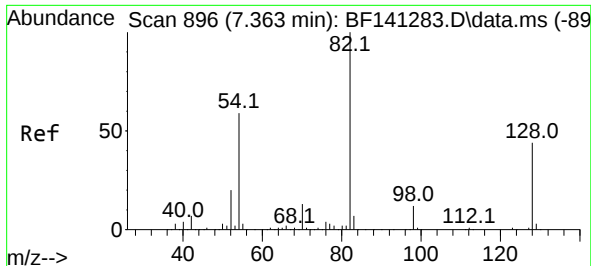
Tgt Ion: 99 Resp: 1374190
Ion Ratio Lower Upper
99 100
42 21.5 17.3 25.9
71 34.4 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141288.D
Acq: 28 Jan 2025 18:56

Tgt Ion:136 Resp: 528400
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.5 8.1 12.1
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.161 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141288.D

Acq: 28 Jan 2025 18:56

Instrument :

BNA_F

ClientSampleId :

PB166167BL

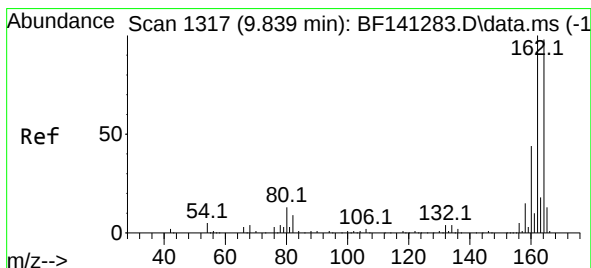
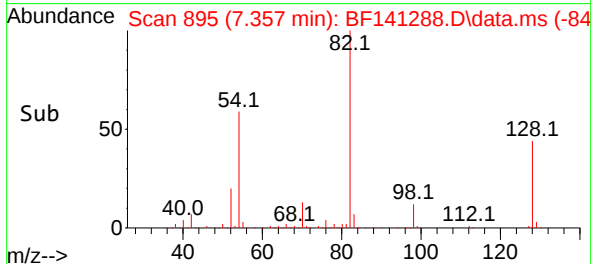
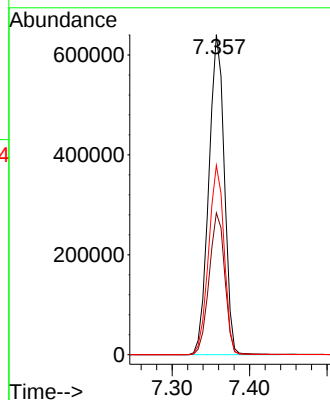
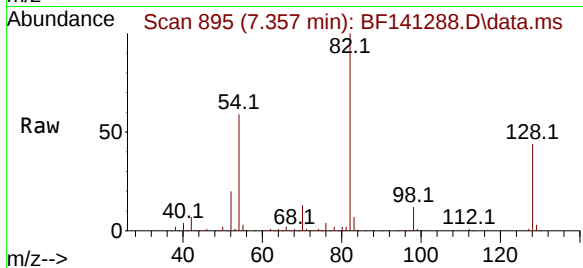
Tgt Ion: 82 Resp: 892235

Ion Ratio Lower Upper

82 100

128 44.3 35.2 52.8

54 59.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF141288.D

Acq: 28 Jan 2025 18:56

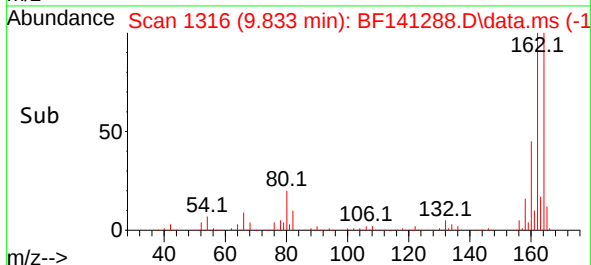
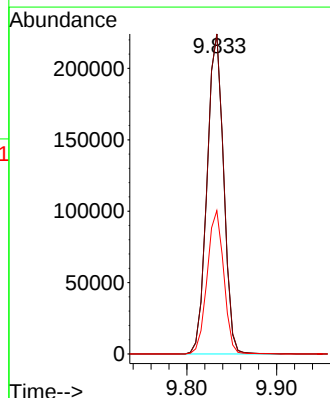
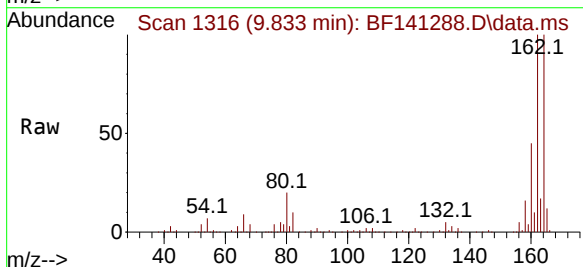
Tgt Ion:164 Resp: 286472

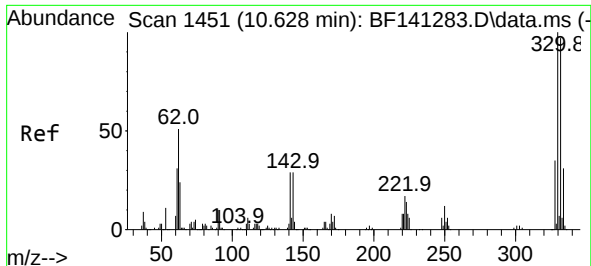
Ion Ratio Lower Upper

164 100

162 100.0 81.3 121.9

160 44.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 132.474 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141288.D

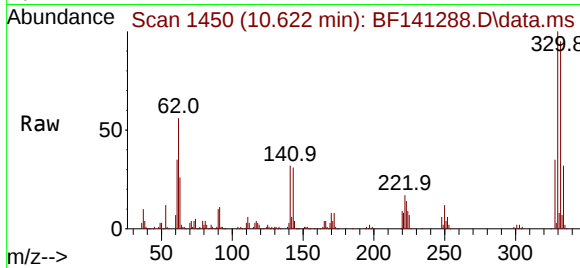
Acq: 28 Jan 2025 18:56

Instrument :

BNA_F

ClientSampleId :

PB166167BL



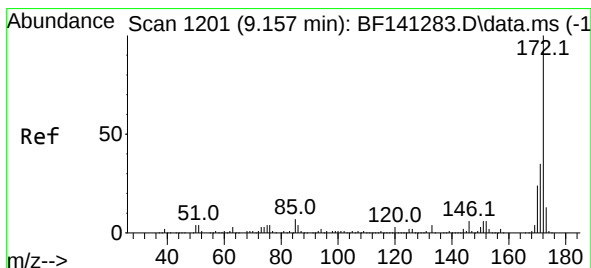
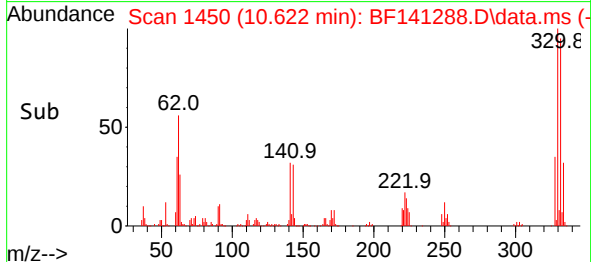
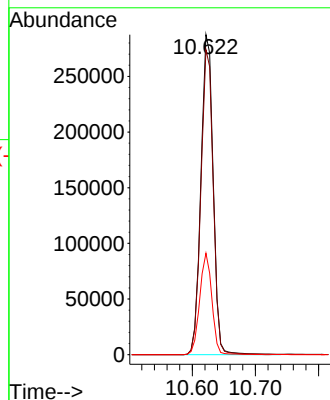
Tgt Ion:330 Resp: 388003

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

141 31.3 25.5 38.3



#45

2-Fluorobiphenyl

Concen: 86.130 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141288.D

Acq: 28 Jan 2025 18:56

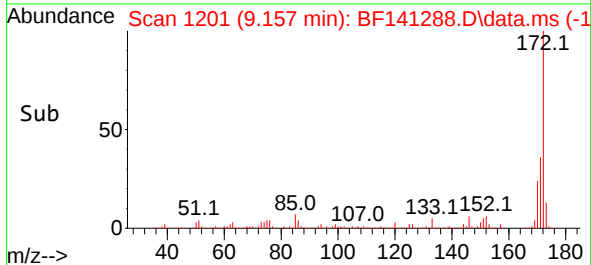
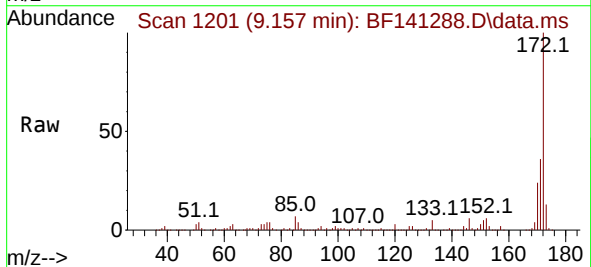
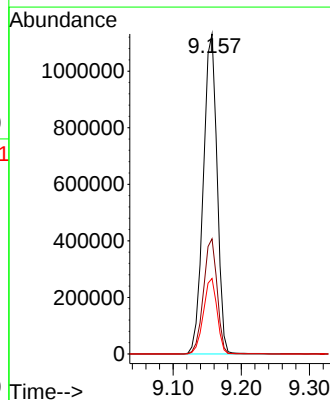
Tgt Ion:172 Resp: 1591309

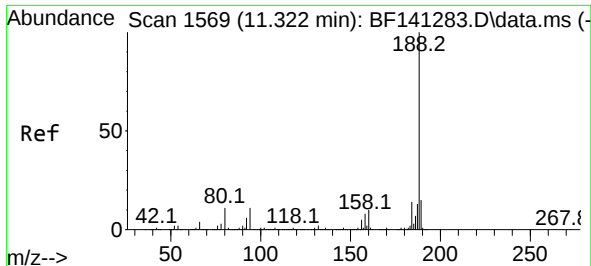
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.6 18.9 28.3

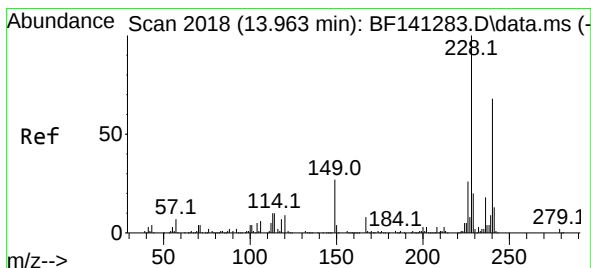
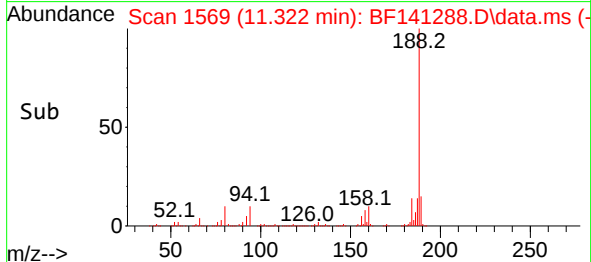
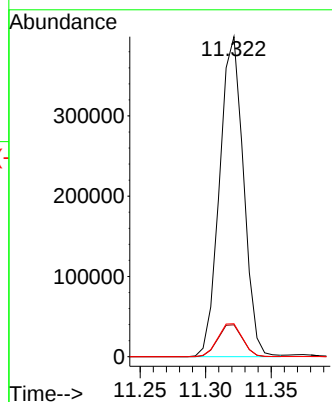
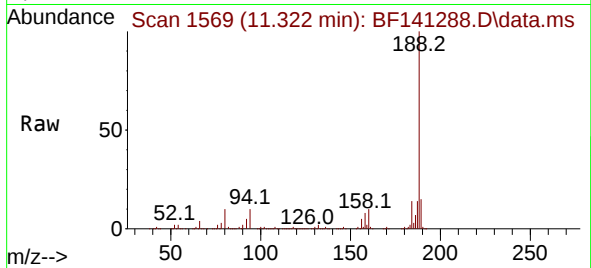




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF141288.D
Acq: 28 Jan 2025 18:56

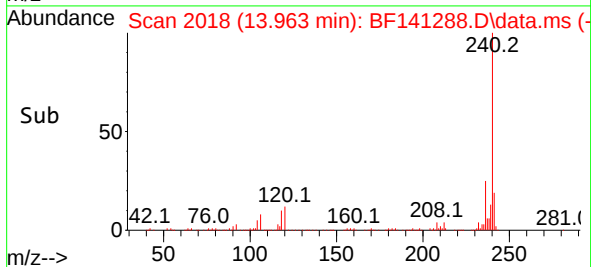
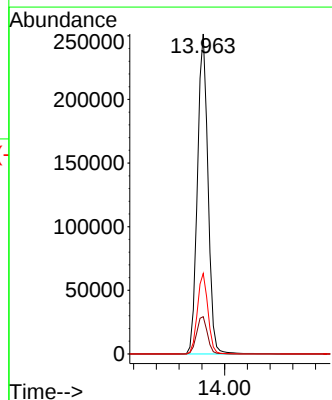
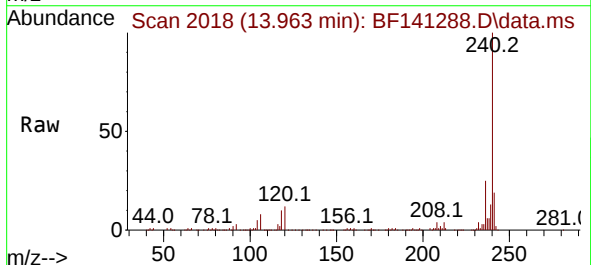
Instrument :
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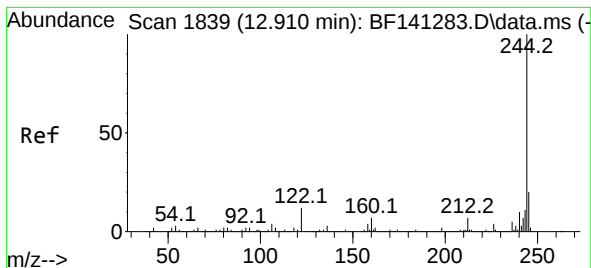
Tgt Ion:188 Resp: 505979
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF141288.D
Acq: 28 Jan 2025 18:56

Tgt Ion:240 Resp: 325514
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.2
236 25.1 21.0 31.4





#79

Terphenyl-d14

Concen: 87.541 ng

RT: 12.916 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BF141288.D

Acq: 28 Jan 2025 18:56

Instrument :

BNA_F

ClientSampleId :

PB166167BL

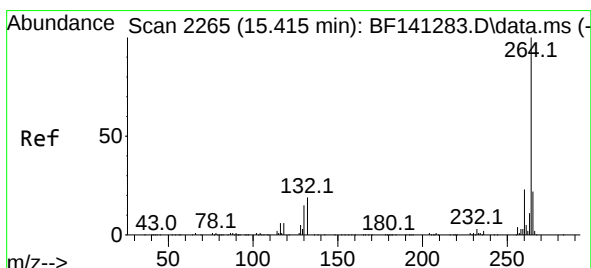
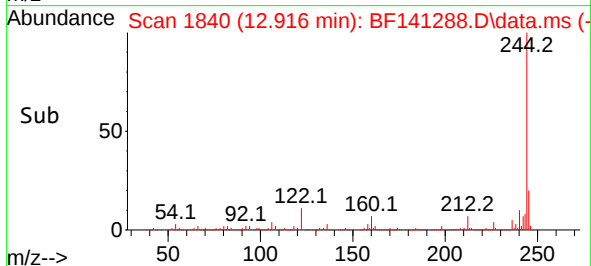
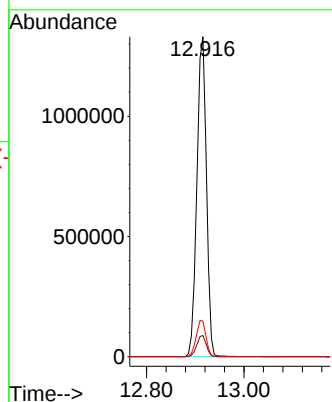
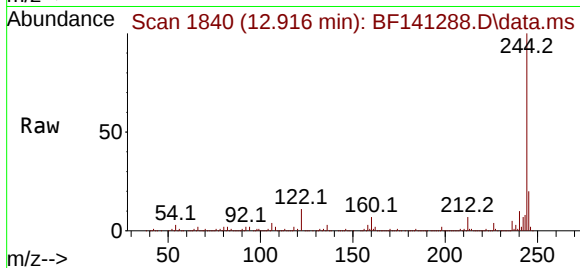
Tgt Ion:244 Resp: 1821418

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.1 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF141288.D

Acq: 28 Jan 2025 18:56

Tgt Ion:264 Resp: 271131

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.4 17.4 26.0

