

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141642.D
 Acq On : 14 Feb 2025 16:30
 Operator : RC/JU
 Sample : Q1356-05RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-FBRE

Quant Time: Feb 14 16:54:24 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	6.786	152	85692	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	345131	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	111136	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	294178	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	119062	20.000	ng	-0.01
86) Perylene-d12	15.433	264	14113	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	767310	140.380	ng	0.00
7) Phenol-d6	6.434	99	690095	99.891	ng	0.00
23) Nitrobenzene-d5	7.351	82	689670	104.227	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	282056	252.645	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1265078	175.374	ng	0.00
79) Terphenyl-d14	12.898	244	1323015	187.589	ng	0.00

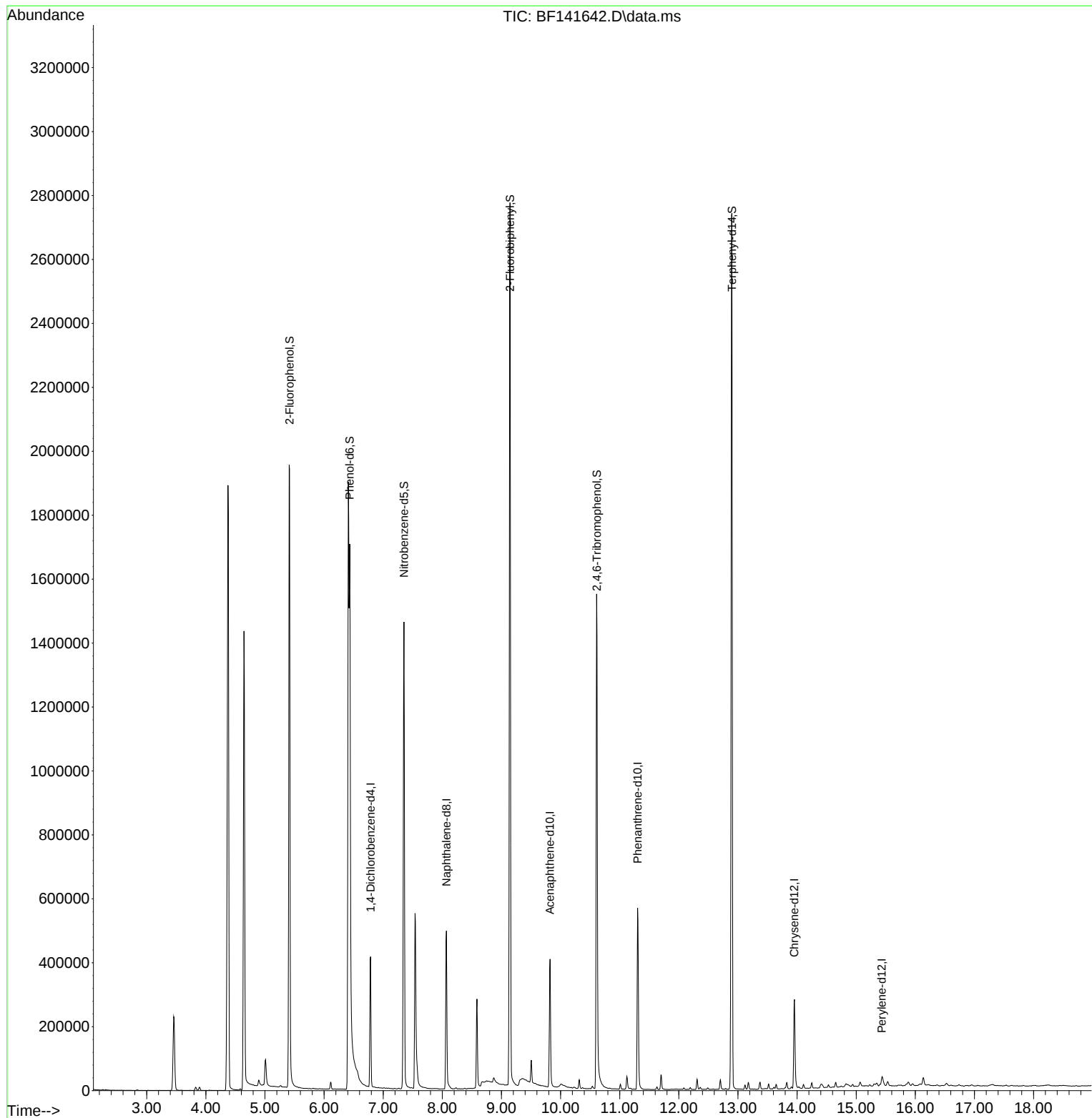
Target Compounds	Qvalue

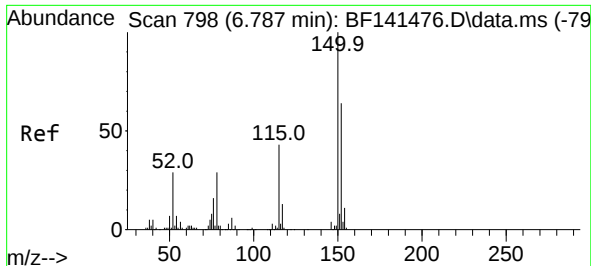
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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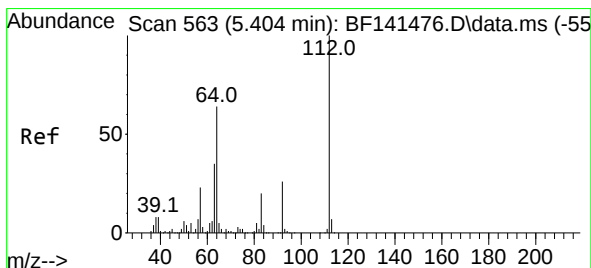
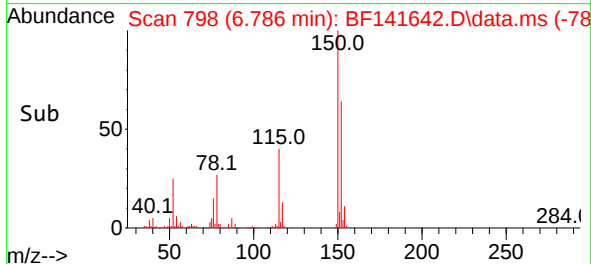
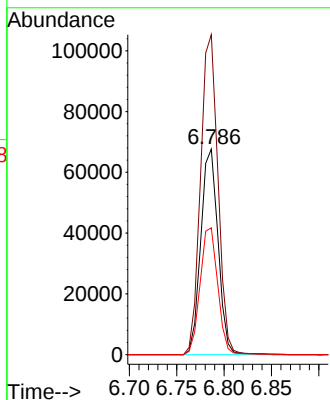
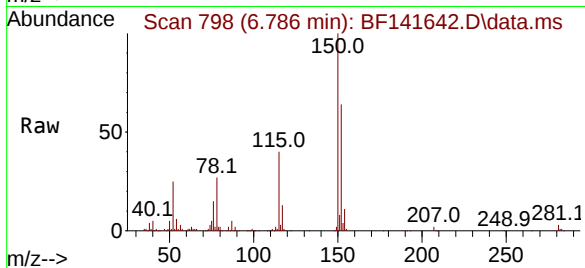




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF141642.D
Acq: 14 Feb 2025 16:30

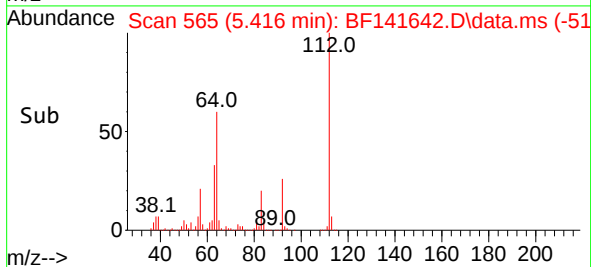
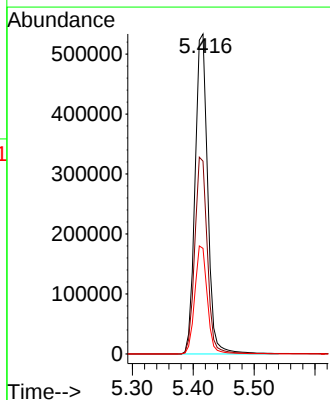
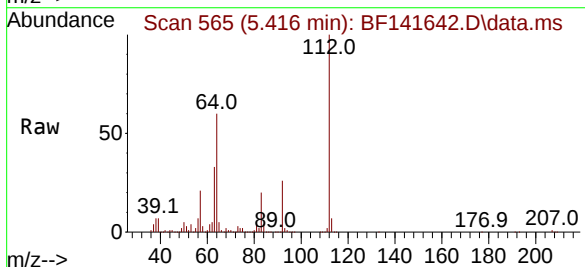
Instrument :
BNA_F
ClientSampleId :
CARBON-FBRE

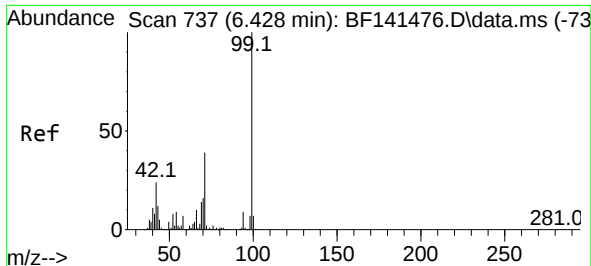
Tgt Ion:152 Resp: 85692
Ion Ratio Lower Upper
152 100
150 155.6 125.0 187.4
115 61.7 53.6 80.4



#5
2-Fluorophenol
Concen: 140.380 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141642.D
Acq: 14 Feb 2025 16:30

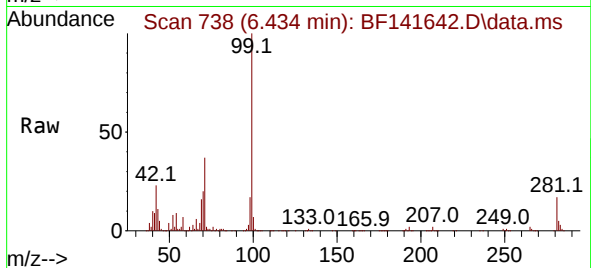
Tgt Ion:112 Resp: 767310
Ion Ratio Lower Upper
112 100
64 60.3 51.1 76.7
63 33.0 28.4 42.6



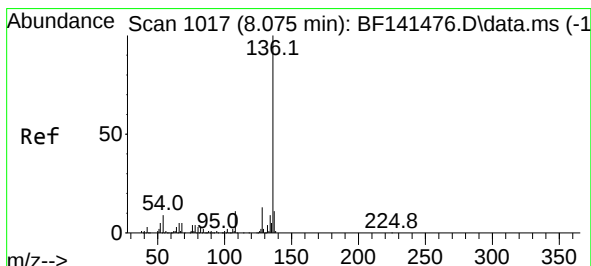
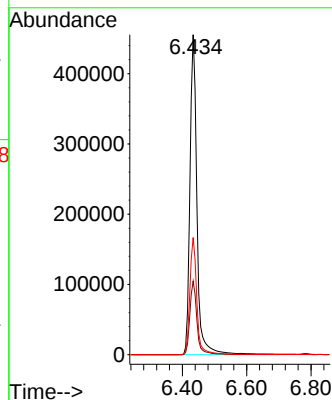
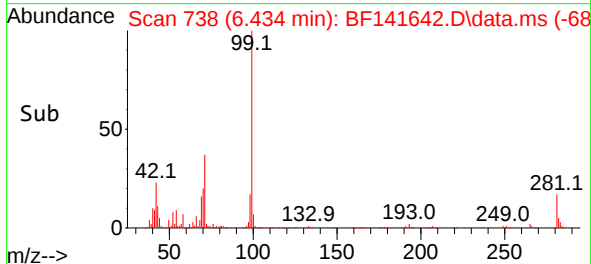


#7
Phenol-d6
Concen: 99.891 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141642.D
Acq: 14 Feb 2025 16:30

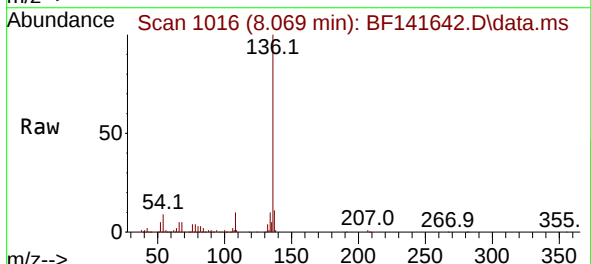
Instrument :
BNA_F
ClientSampleId :
CARBON-FBRE



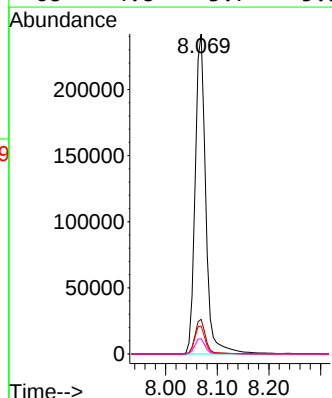
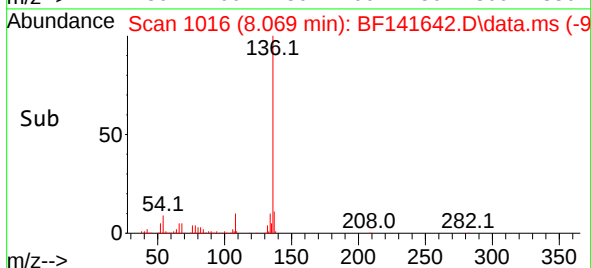
Tgt Ion: 99 Resp: 690095
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 36.6 31.1 46.7

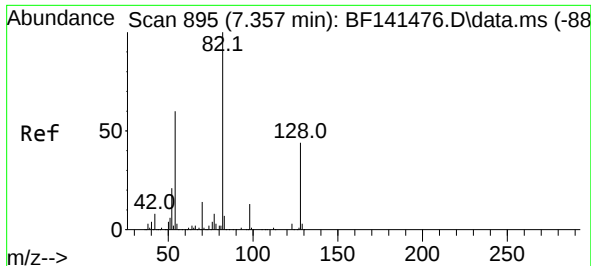


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141642.D
Acq: 14 Feb 2025 16:30



Tgt Ion: 136 Resp: 345131
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 104.227 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141642.D

Acq: 14 Feb 2025 16:30

Instrument :

BNA_F

ClientSampleId :

CARBON-FBRE

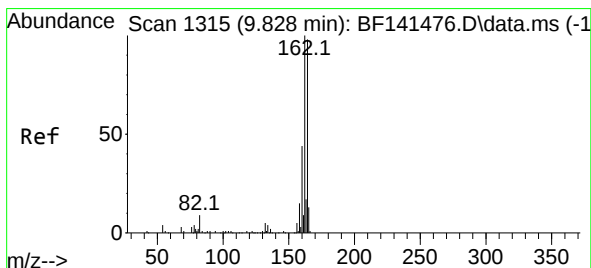
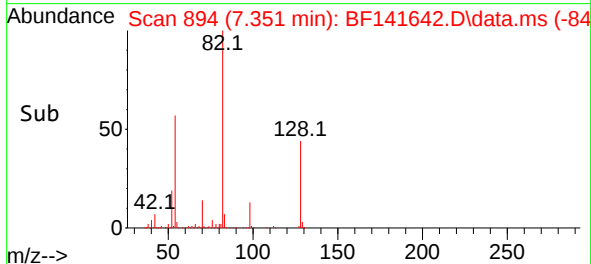
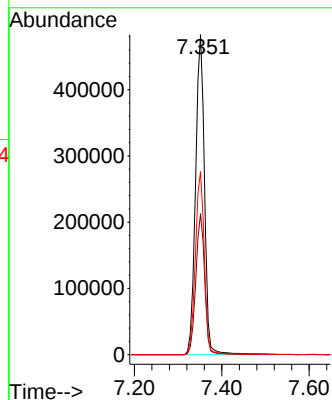
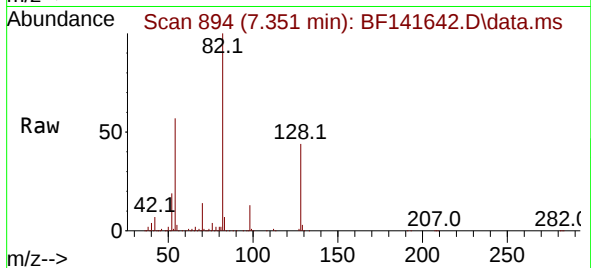
Tgt Ion: 82 Resp: 689670

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

54 57.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141642.D

Acq: 14 Feb 2025 16:30

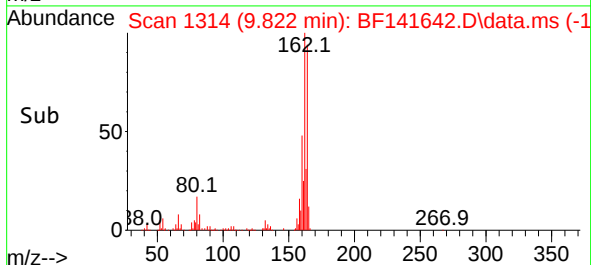
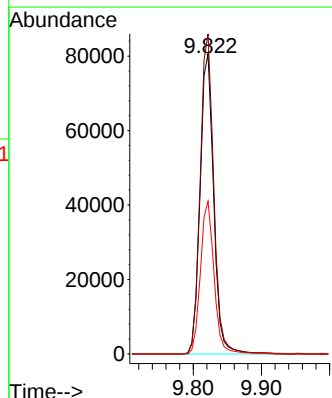
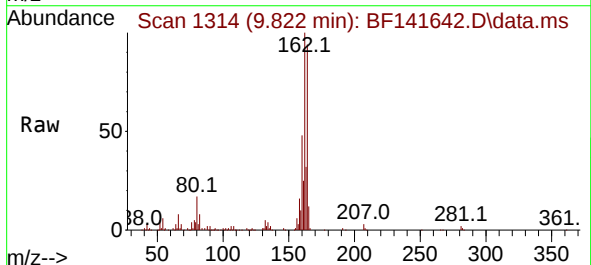
Tgt Ion: 164 Resp: 111136

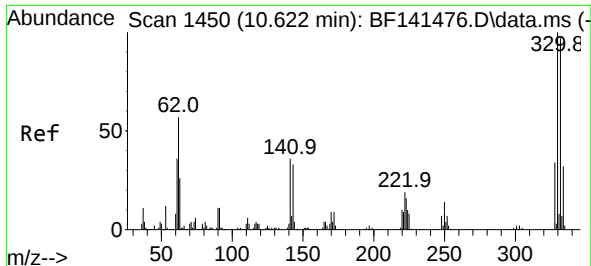
Ion Ratio Lower Upper

164 100

162 106.6 81.3 121.9

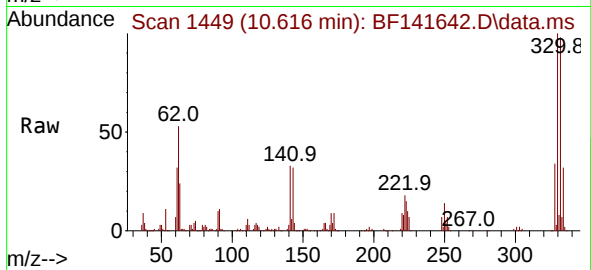
160 50.9 35.9 53.9



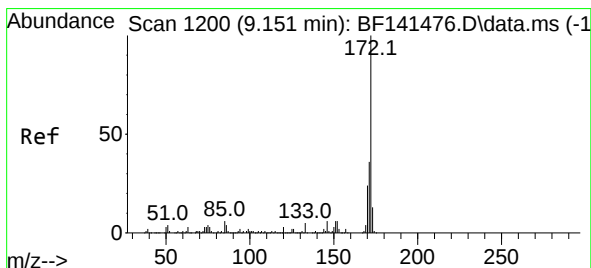
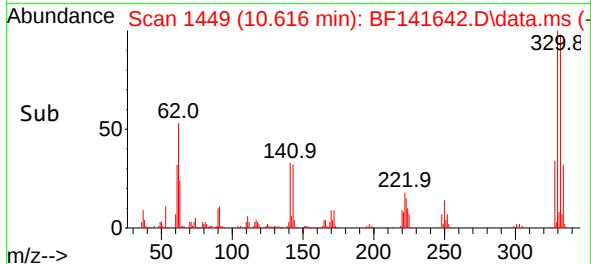
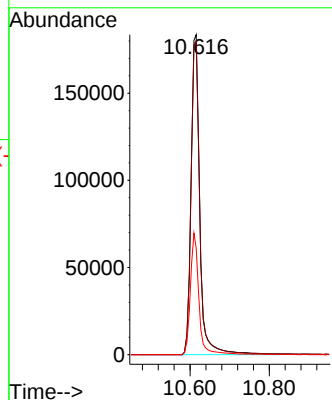


#42
2,4,6-Tribromophenol
Concen: 252.645 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141642.D
Acq: 14 Feb 2025 16:30

Instrument :
BNA_F
ClientSampleId :
CARBON-FBRE

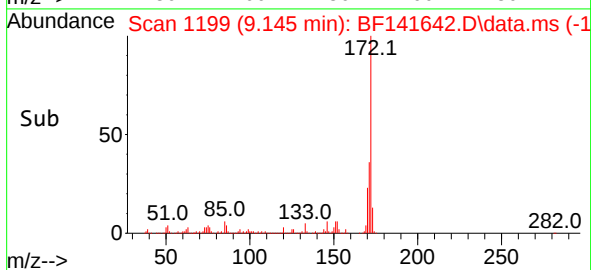
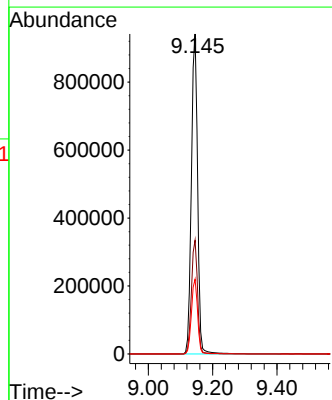
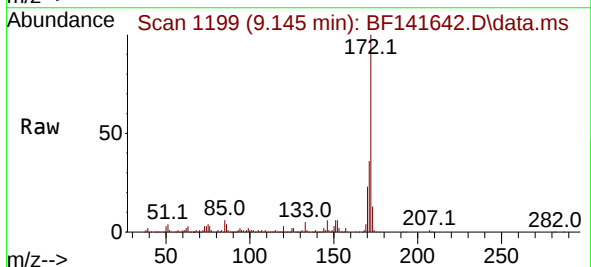


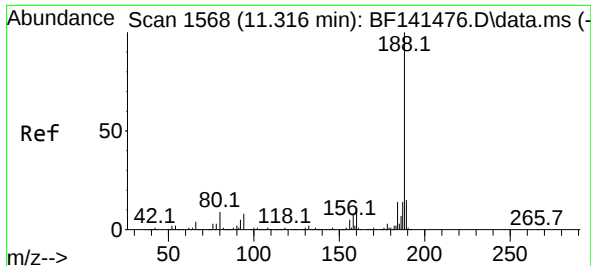
Tgt Ion:330 Resp: 282056
Ion Ratio Lower Upper
330 100
332 97.5 78.5 117.7
141 37.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 175.374 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141642.D
Acq: 14 Feb 2025 16:30

Tgt Ion:172 Resp: 1265078
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.3 18.9 28.3

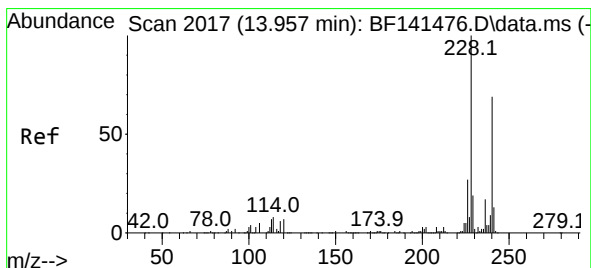
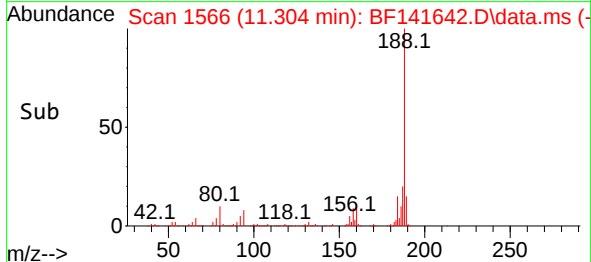
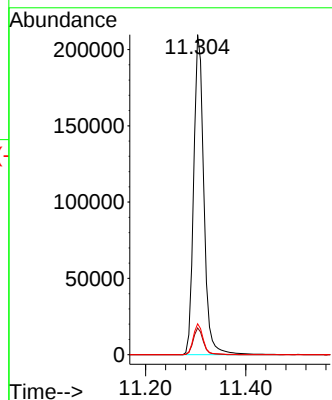
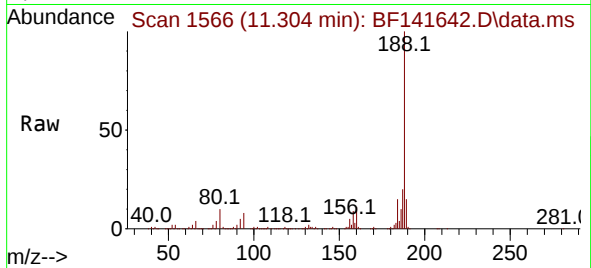




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141642.D
Acq: 14 Feb 2025 16:30

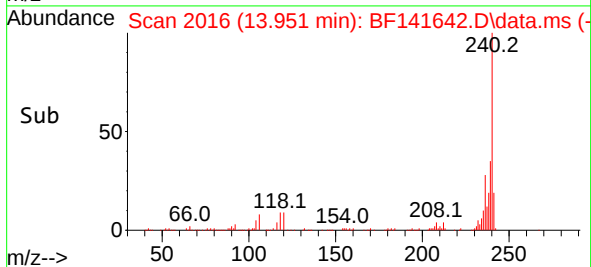
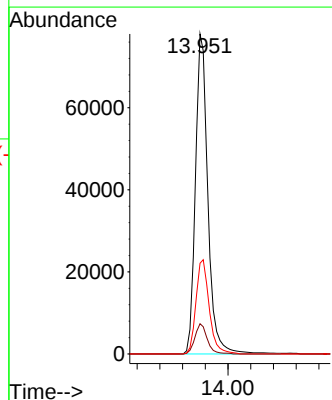
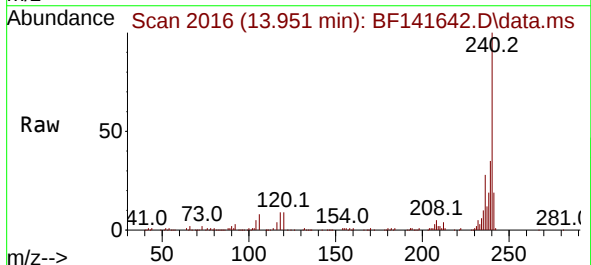
Instrument :
BNA_F
ClientSampleId :
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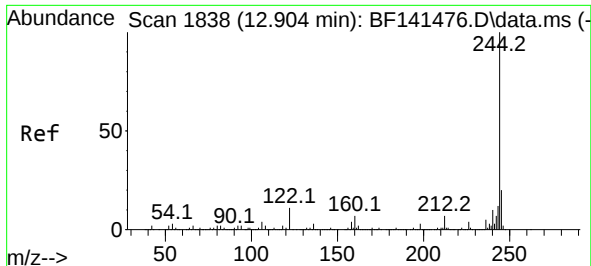
Tgt Ion:188 Resp: 294178
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141642.D
Acq: 14 Feb 2025 16:30

Tgt Ion:240 Resp: 119062
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 28.3 19.8 29.8

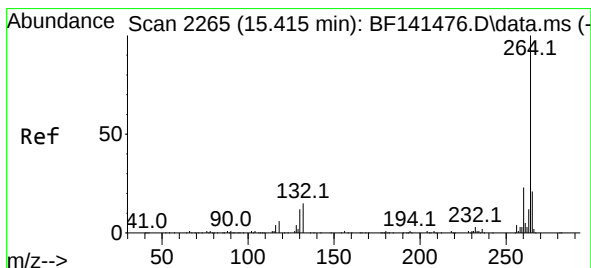
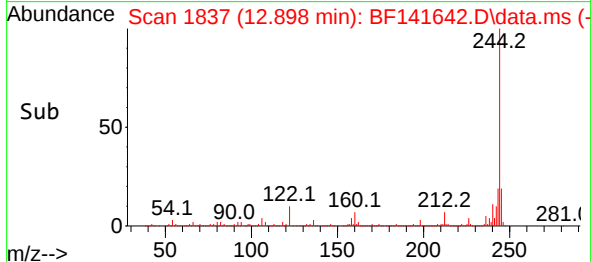
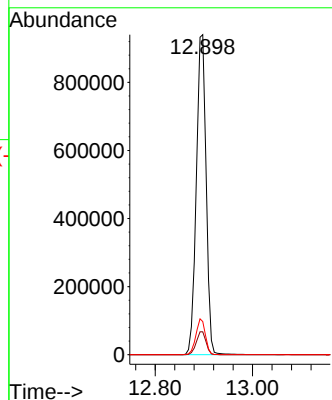
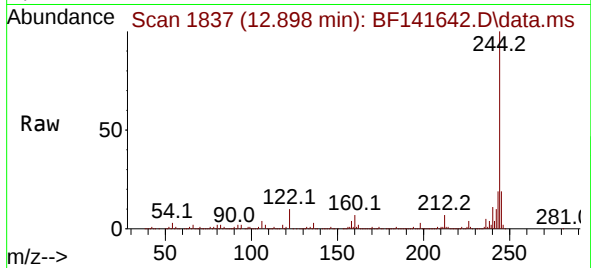




#79
 Terphenyl-d14
 Concen: 187.589 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141642.D
 Acq: 14 Feb 2025 16:30

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-FBRE

Tgt Ion:244 Resp: 1323015
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. 0.018 min
 Lab File: BF141642.D
 Acq: 14 Feb 2025 16:30

Tgt Ion:264 Resp: 14113
 Ion Ratio Lower Upper
 264 100
 260 33.1 18.6 28.0#
 265 22.6 17.0 25.4

