

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141615.D
 Acq On : 13 Feb 2025 15:30
 Operator : RC/JU
 Sample : Q1356-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-FB

Quant Time: Feb 13 15:52:00 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	96491	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	391387	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	119804	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	316585	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	108024	20.000	ng	#-0.02
86) Perylene-d12	15.410	264	8325	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	841620	136.743	ng	0.00
7) Phenol-d6	6.422	99	717961	92.293	ng	-0.02
23) Nitrobenzene-d5	7.351	82	778108	103.695	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	337102	280.105	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1443835	185.673	ng	0.00
79) Terphenyl-d14	12.898	244	1433650	224.047	ng	0.00

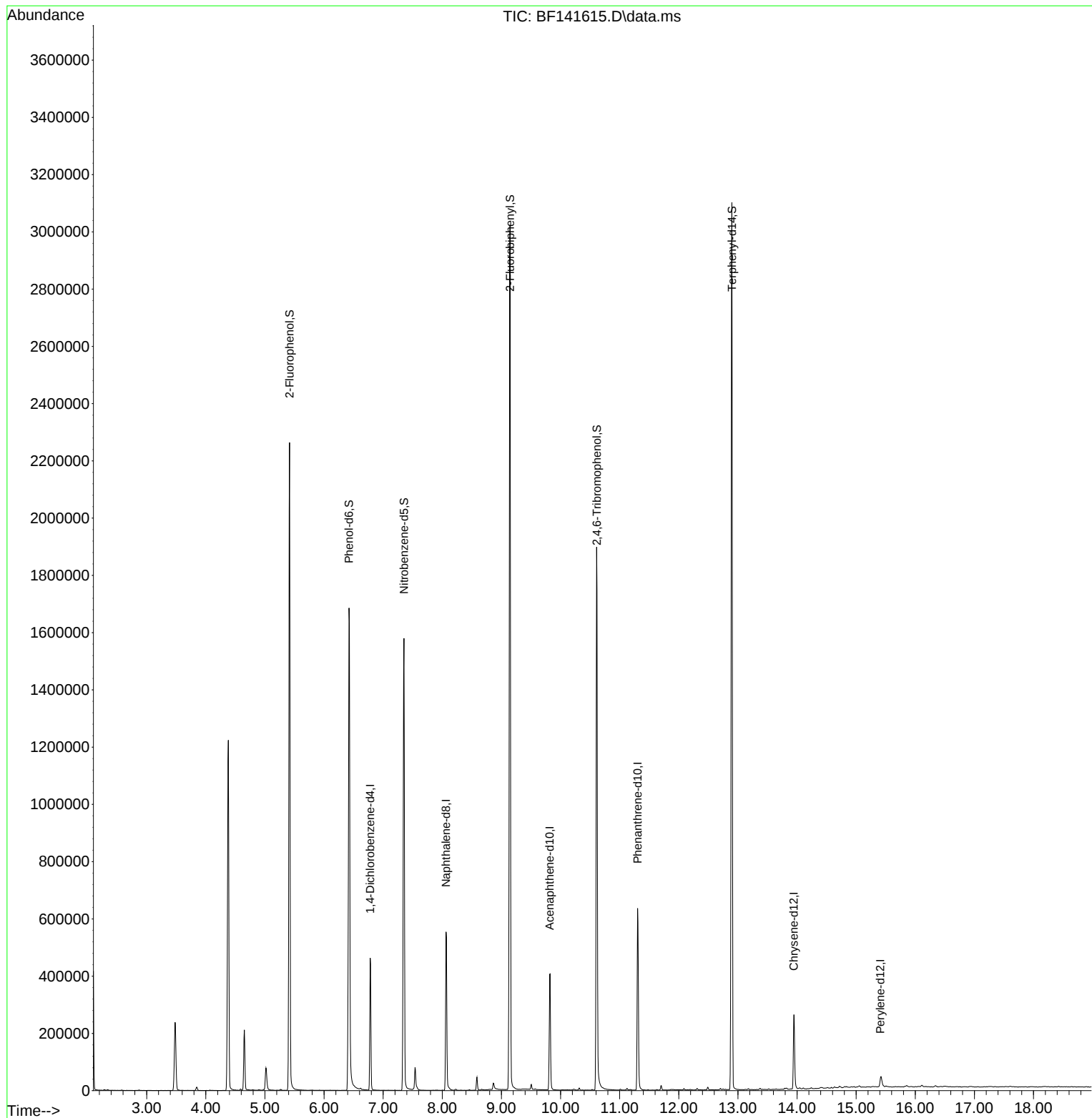
Target Compounds	Qvalue

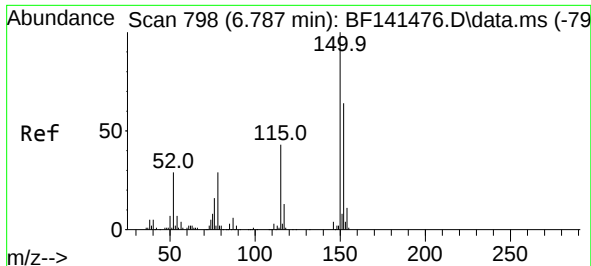
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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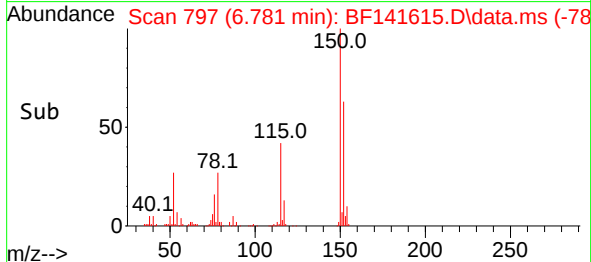
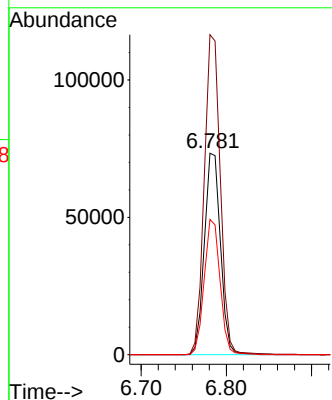
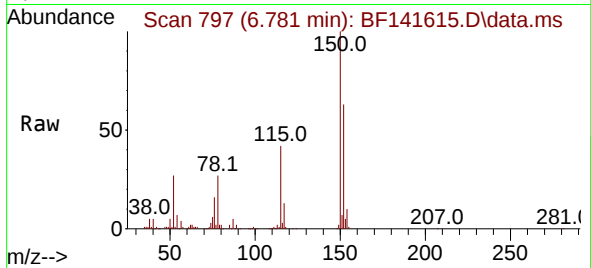




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

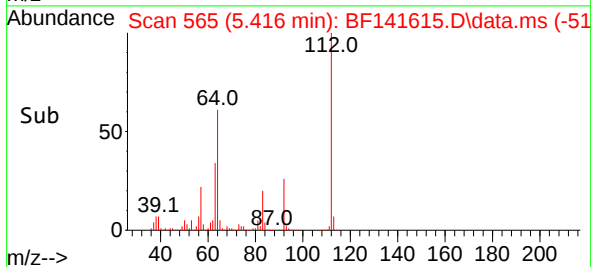
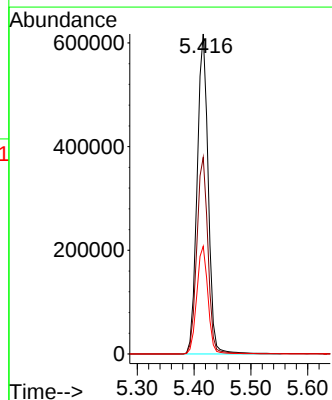
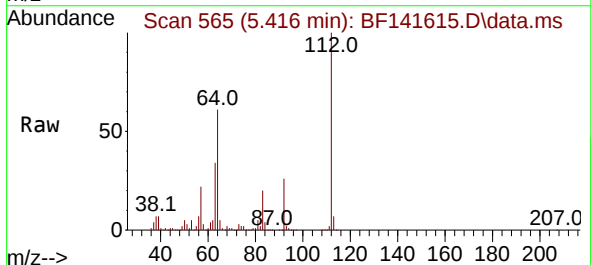
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

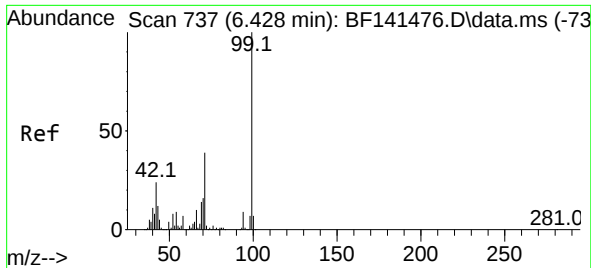
Tgt Ion:152 Resp: 96491
Ion Ratio Lower Upper
152 100
150 158.8 125.0 187.4
115 67.1 53.6 80.4



#5
2-Fluorophenol
Concen: 136.743 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion:112 Resp: 841620
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 33.7 28.4 42.6

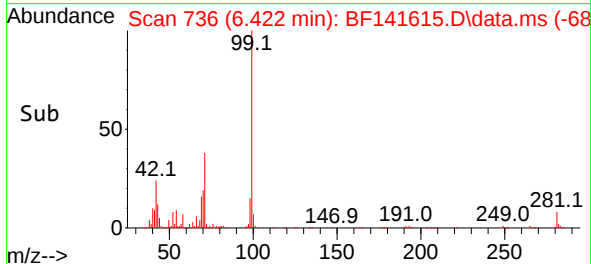
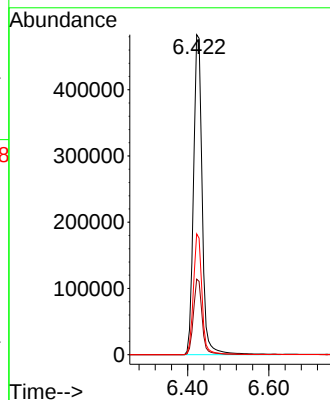
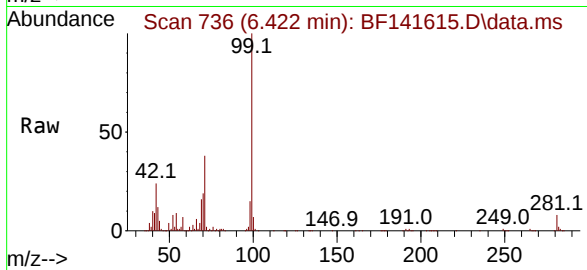




#7
Phenol-d6
Concen: 92.293 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

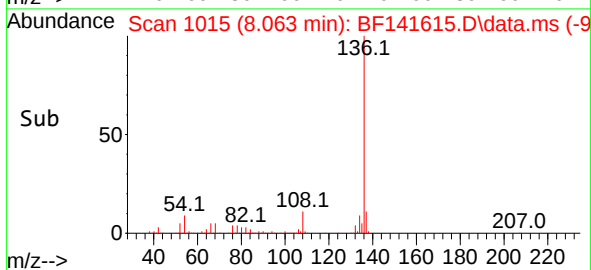
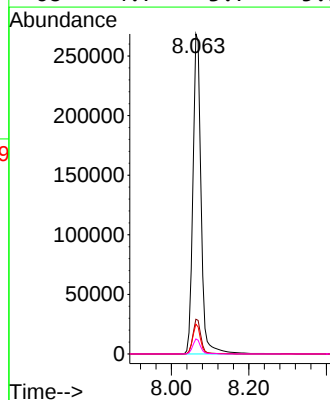
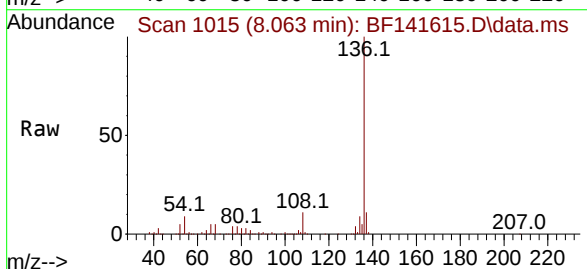
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

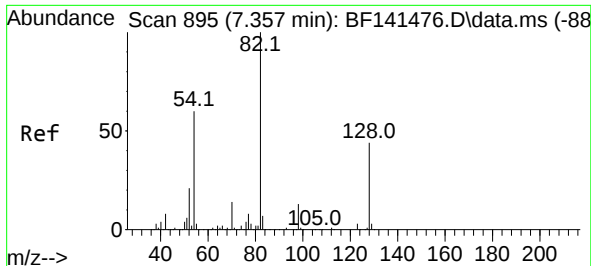
Tgt Ion: 99 Resp: 717961
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion: 136 Resp: 391387
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.2 10.8
68 4.7 3.7 5.5

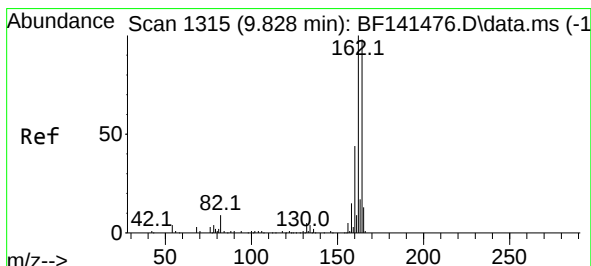
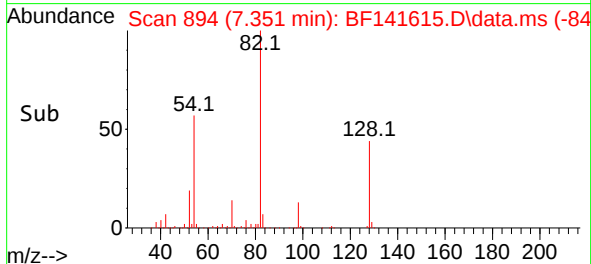
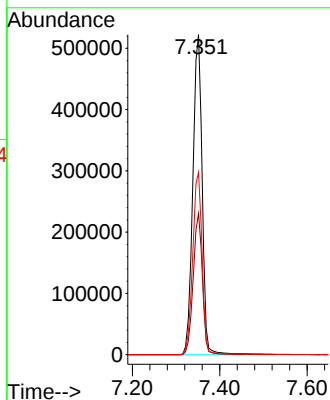
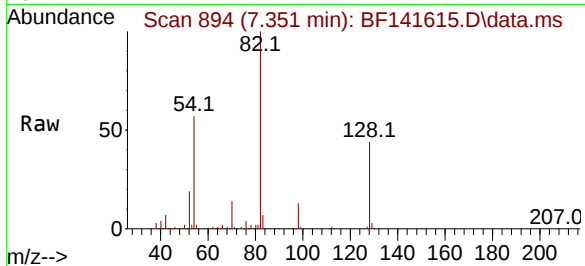




#23
Nitrobenzene-d5
Concen: 103.695 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

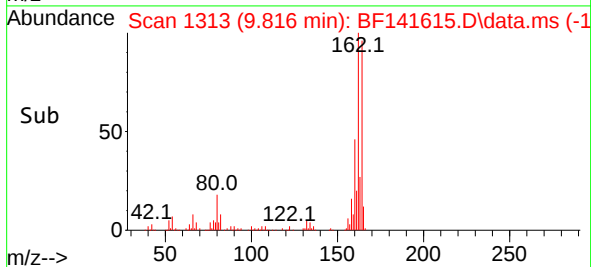
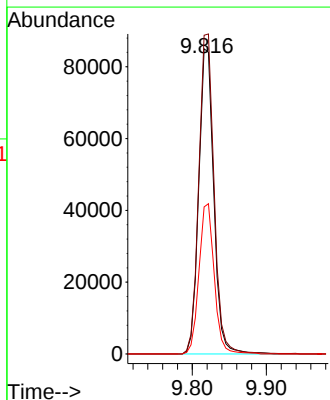
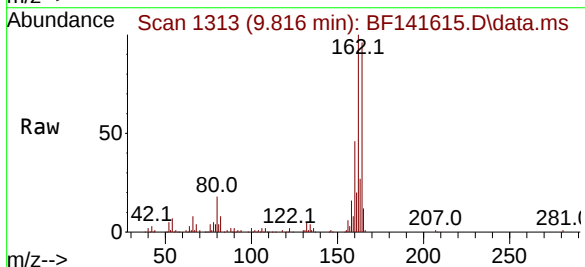
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

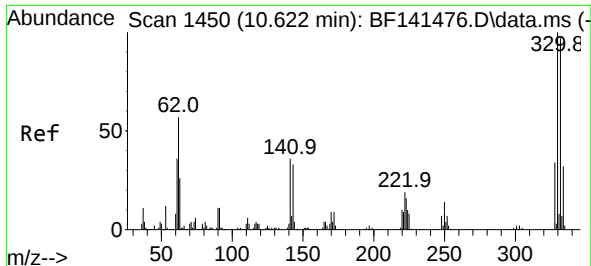
Tgt Ion: 82 Resp: 778108
Ion Ratio Lower Upper
82 100
128 44.1 34.8 52.2
54 57.0 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

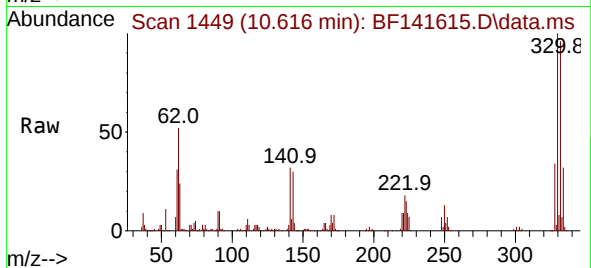
Tgt Ion:164 Resp: 119804
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 48.2 35.9 53.9



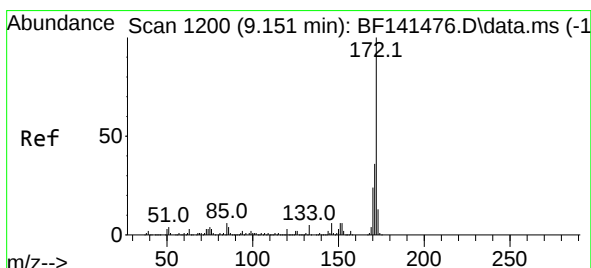
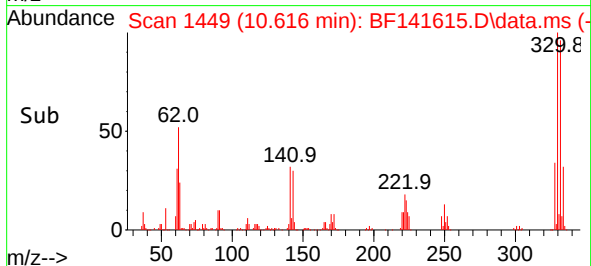
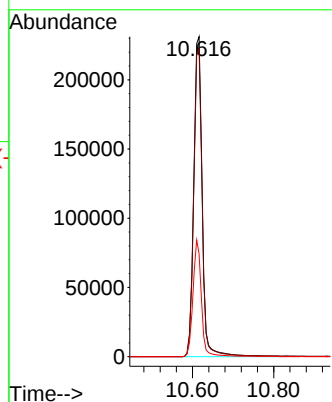


#42
2,4,6-Tribromophenol
Concen: 280.105 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Instrument :
BNA_F
ClientSampleId :
CARBON-FB

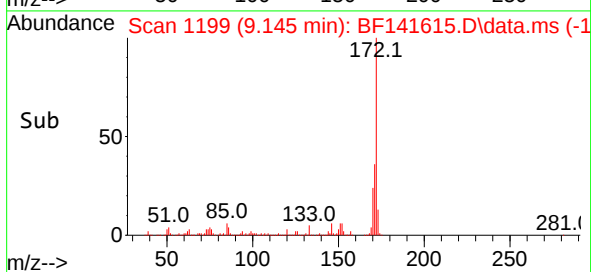
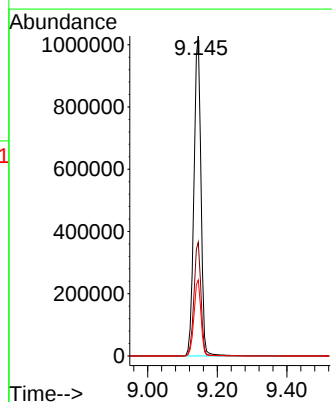
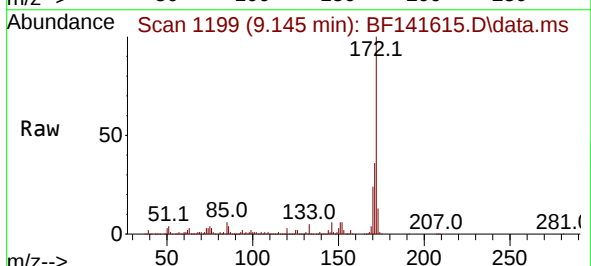


Tgt Ion:330 Resp: 337102
Ion Ratio Lower Upper
330 100
332 95.6 78.5 117.7
141 35.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 185.673 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion:172 Resp: 1443835
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141615.D

Acq: 13 Feb 2025 15:30

Instrument :

BNA_F

ClientSampleId :

CARBON-FB

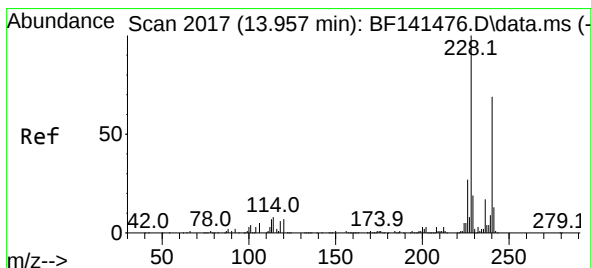
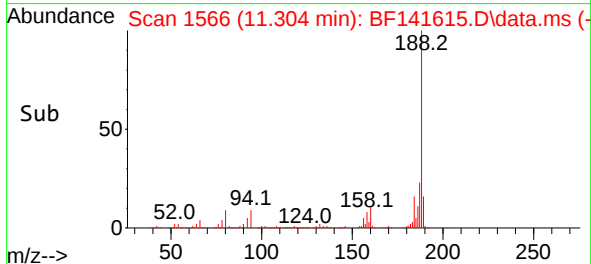
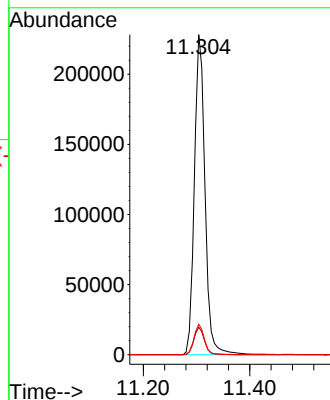
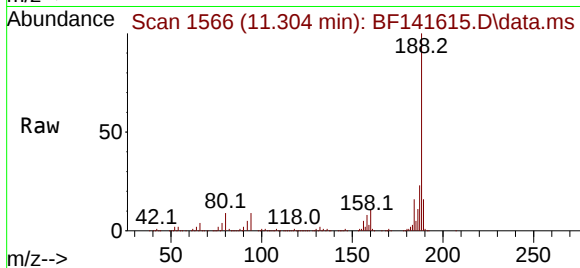
Tgt Ion:188 Resp: 316585

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.017 min

Lab File: BF141615.D

Acq: 13 Feb 2025 15:30

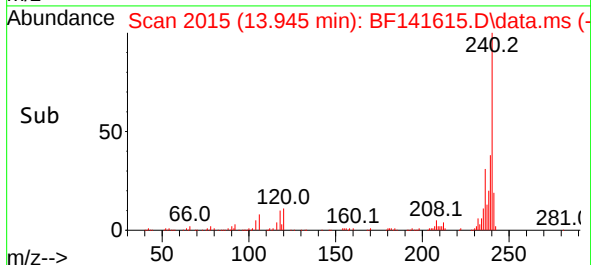
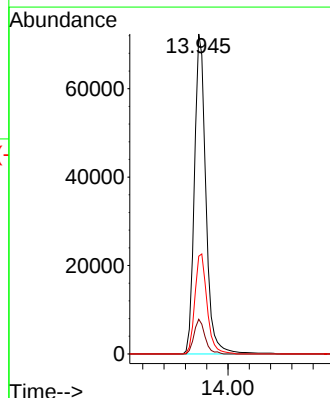
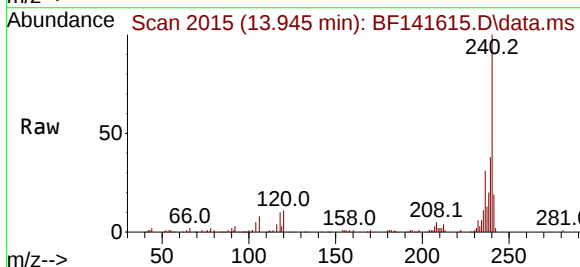
Tgt Ion:240 Resp: 108024

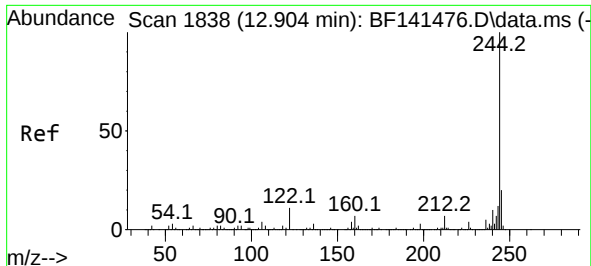
Ion Ratio Lower Upper

240 100

120 10.9 8.0 12.0

236 30.6 19.8 29.8#

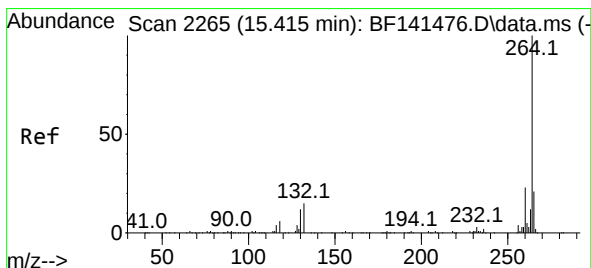
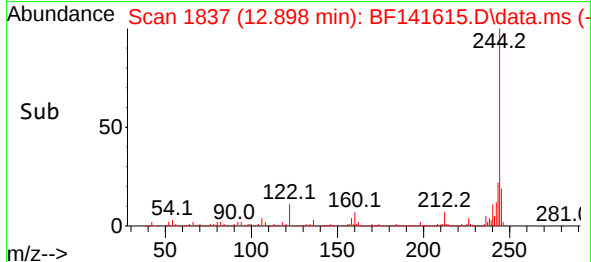
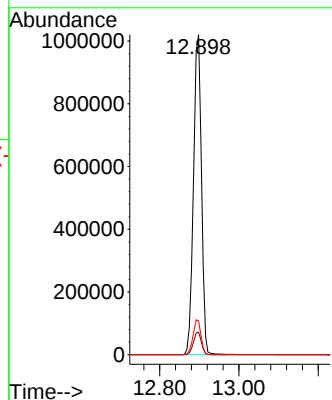
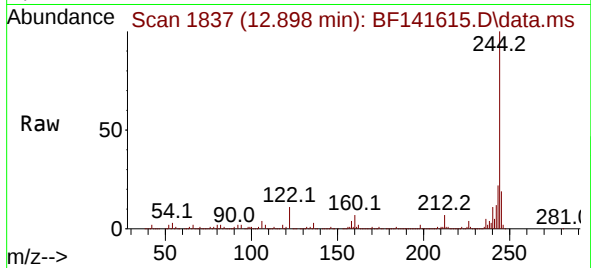




#79
 Terphenyl-d14
 Concen: 224.047 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141615.D
 Acq: 13 Feb 2025 15:30

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1433650
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141615.D
 Acq: 13 Feb 2025 15:30

Tgt Ion:264 Resp: 8325
 Ion Ratio Lower Upper
 264 100
 260 52.5 18.6 28.0#
 265 25.4 17.0 25.4

