

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141612.D
 Acq On : 13 Feb 2025 14:10
 Operator : RC/JU
 Sample : Q1353-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346

Quant Time: Feb 13 14:32:06 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	95149	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	388055	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	220151	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	390126	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	295961	20.000	ng	-0.01
86) Perylene-d12	15.409	264	213788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	785423	129.412	ng	0.02
7) Phenol-d6	6.428	99	896273	116.840	ng	-0.01
23) Nitrobenzene-d5	7.351	82	719538	96.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	321571	145.407	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1337877	93.626	ng	0.00
79) Terphenyl-d14	12.898	244	1577156	89.962	ng	0.00

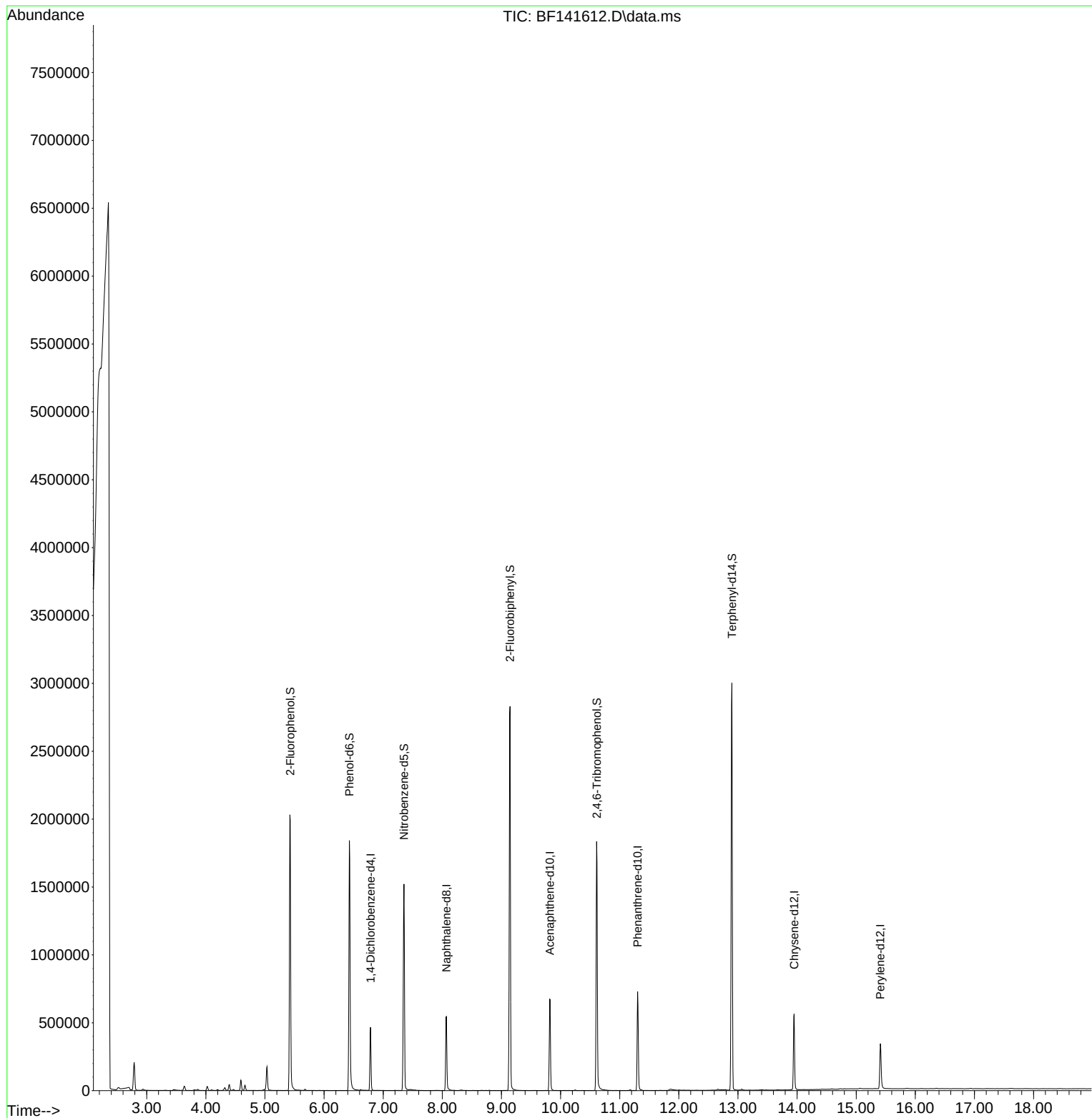
Target Compounds	Qvalue

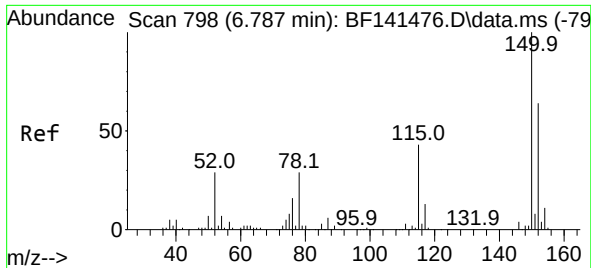
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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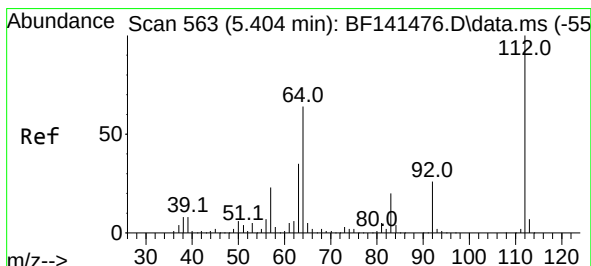
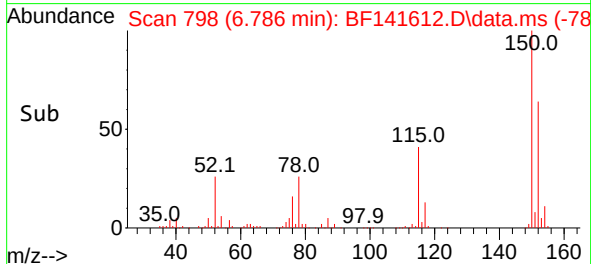
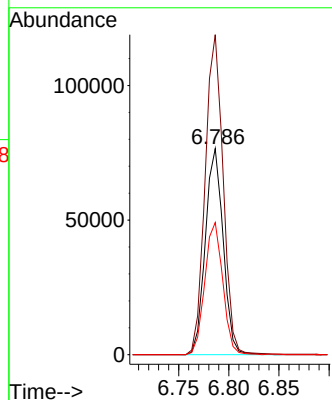
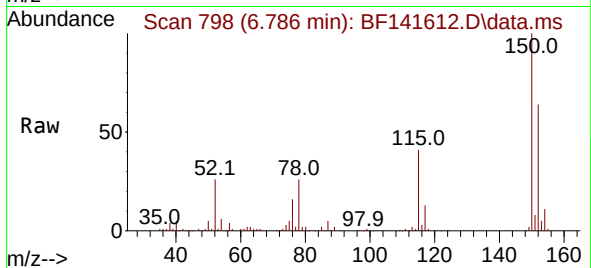




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF141612.D
 Acq: 13 Feb 2025 14:10

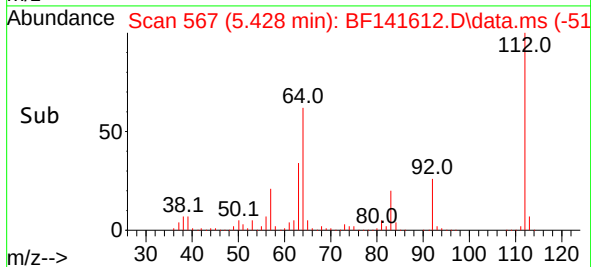
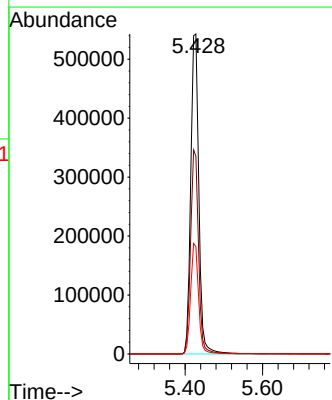
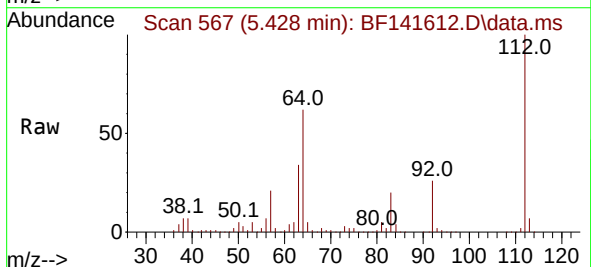
Instrument :
 BNA_F
 ClientSampleId :
 346

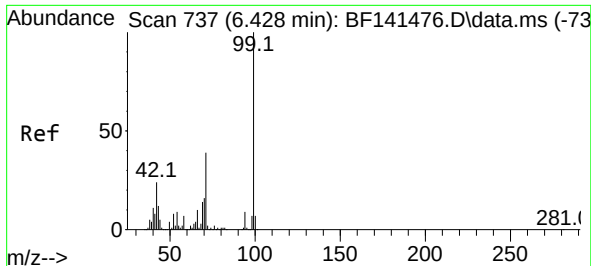
Tgt Ion:152 Resp: 95149
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.0 187.4
 115 64.1 53.6 80.4



#5
 2-Fluorophenol
 Concen: 129.412 ng
 RT: 5.428 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF141612.D
 Acq: 13 Feb 2025 14:10

Tgt Ion:112 Resp: 785423
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.1 76.7
 63 33.6 28.4 42.6





#7
Phenol-d6
Concen: 116.840 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

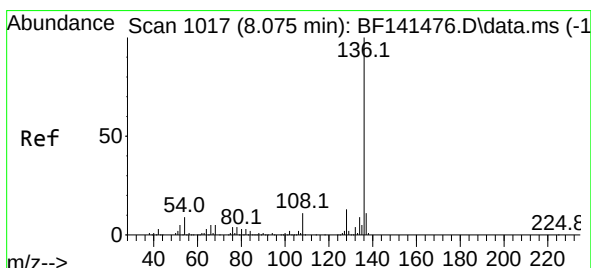
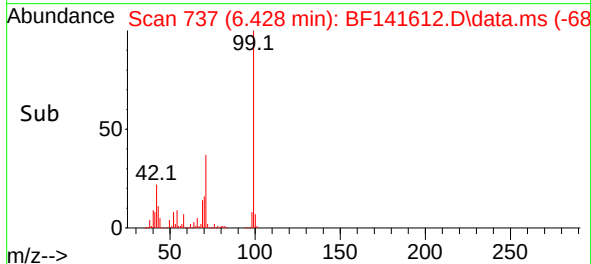
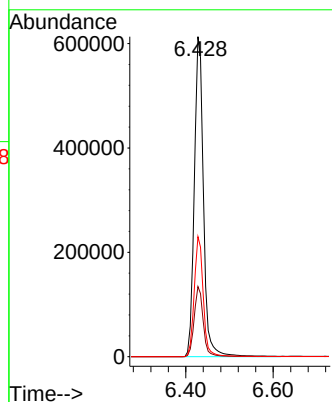
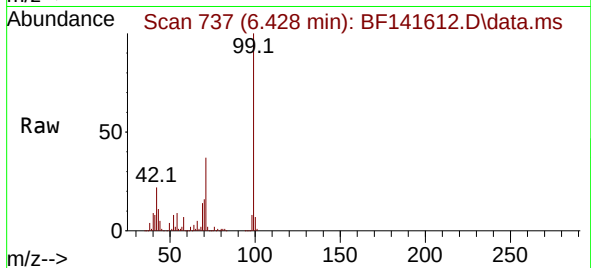
Instrument :

BNA_F

ClientSampleId :

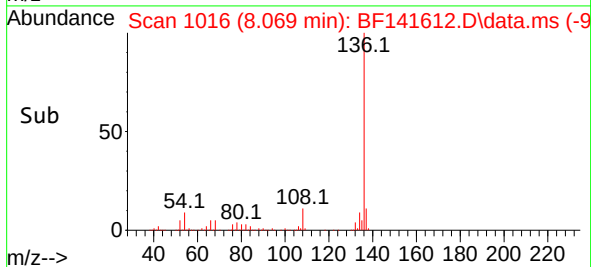
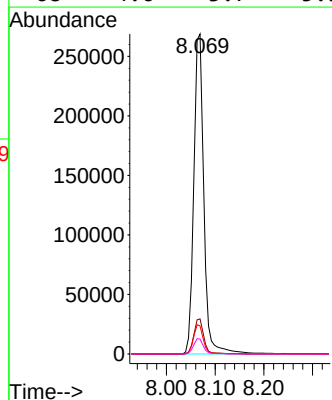
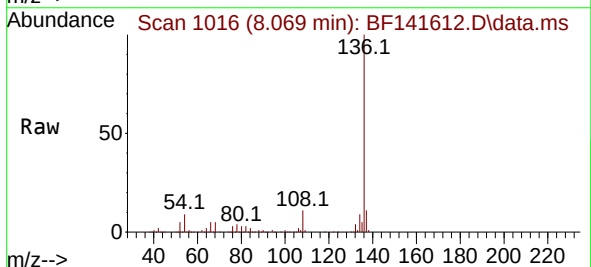
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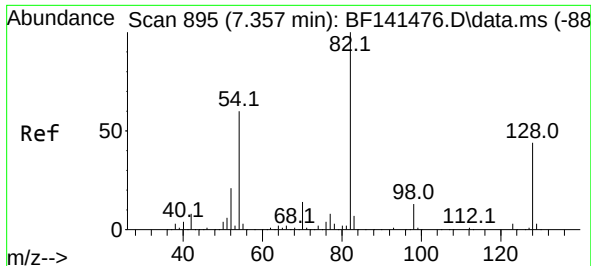
Tgt Ion: 99 Resp: 896273
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 37.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

Tgt Ion: 136 Resp: 388055
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.2 10.8
68 4.6 3.7 5.5

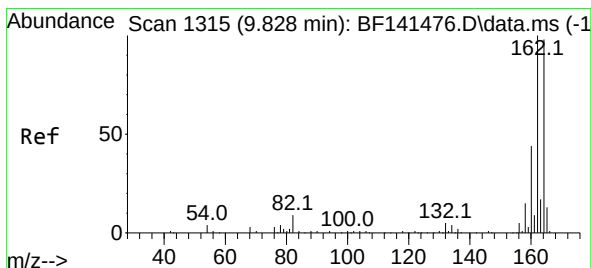
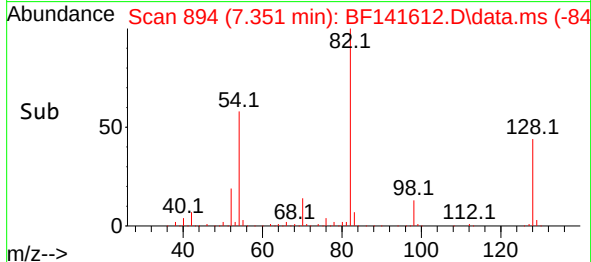
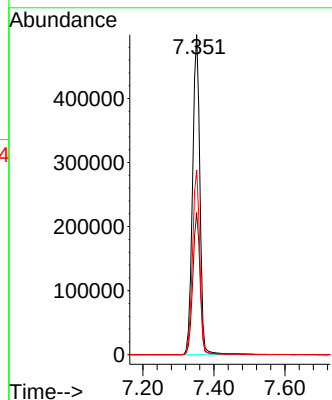
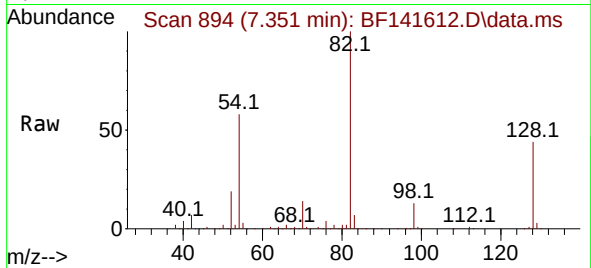




#23
 Nitrobenzene-d5
 Concen: 96.713 ng
 RT: 7.351 min Scan# 894
 Delta R.T. -0.012 min
 Lab File: BF141612.D
 Acq: 13 Feb 2025 14:10

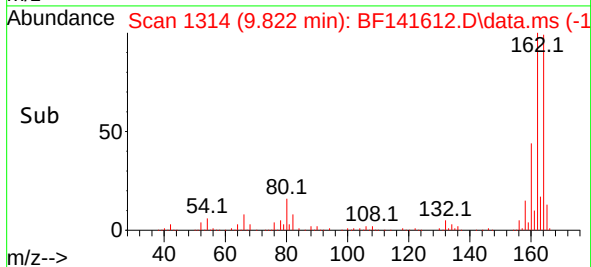
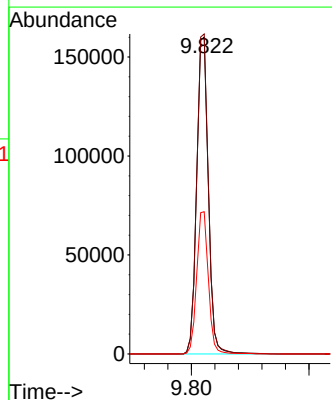
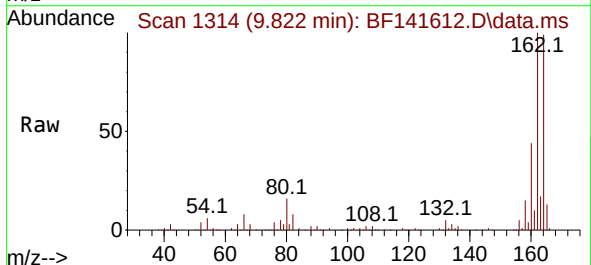
Instrument :
 BNA_F
 ClientSampleId :
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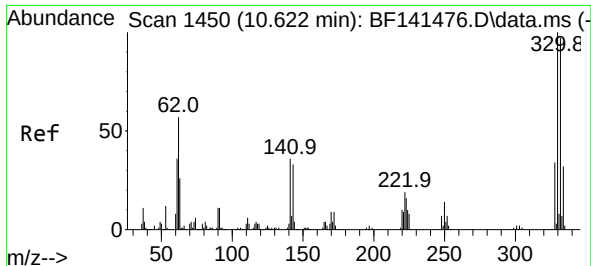
Tgt Ion: 82 Resp: 719538
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.8 52.2
 54 57.7 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF141612.D
 Acq: 13 Feb 2025 14:10

Tgt Ion:164 Resp: 220151
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.3 121.9
 160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 145.407 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141612.D

Acq: 13 Feb 2025 14:10

Instrument :

BNA_F

ClientSampleId :

346

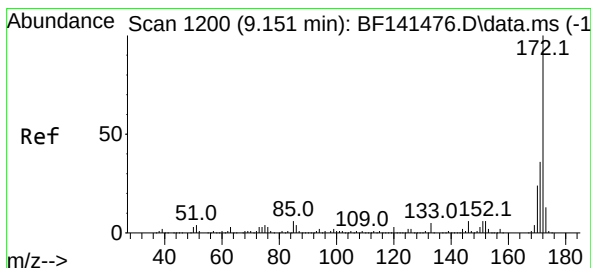
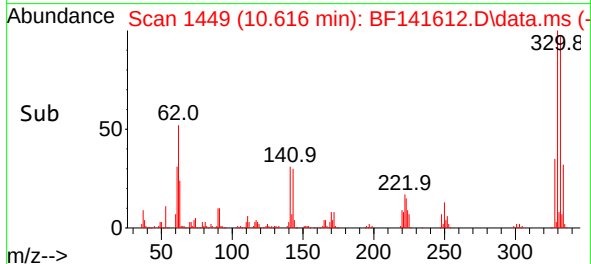
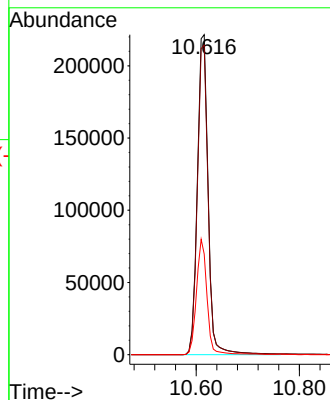
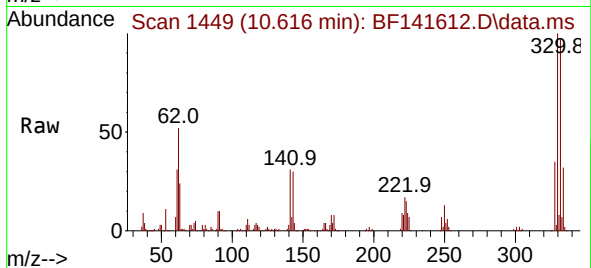
Tgt Ion:330 Resp: 321571

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

141 35.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 93.626 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141612.D

Acq: 13 Feb 2025 14:10

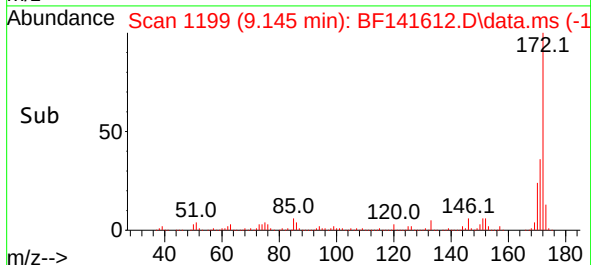
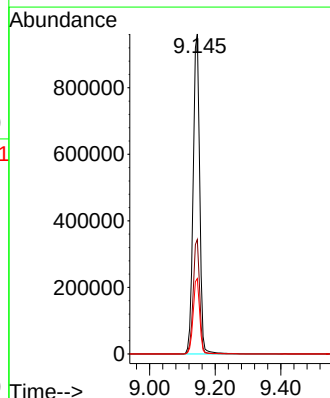
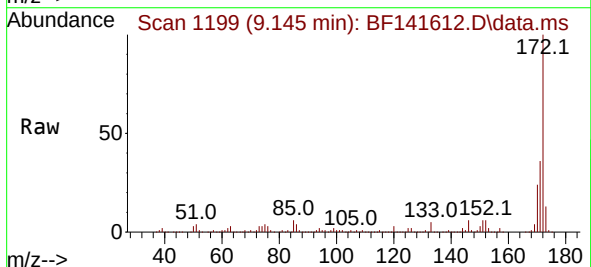
Tgt Ion:172 Resp: 1337877

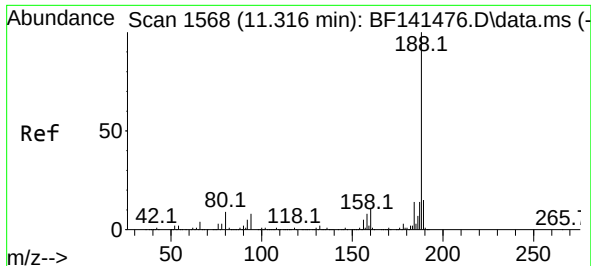
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.5 18.9 28.3

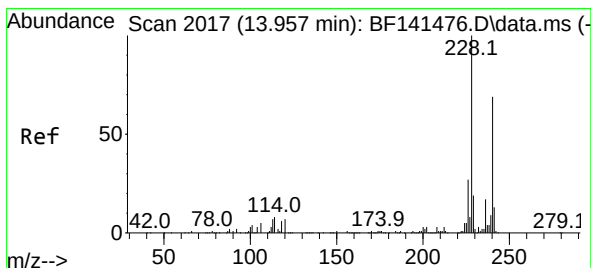
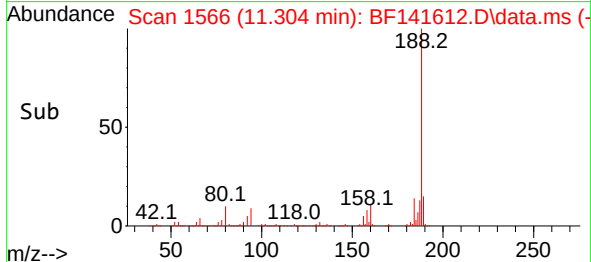
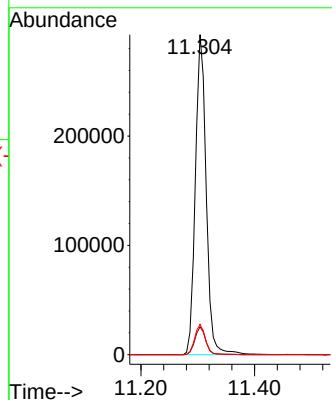
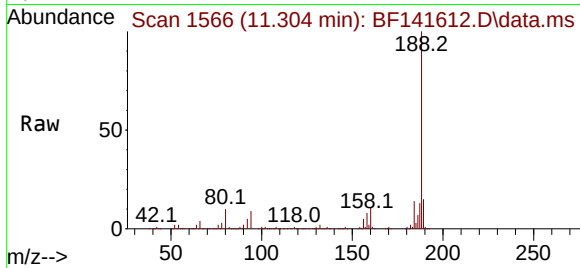




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

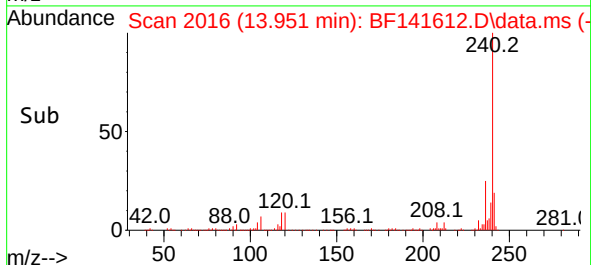
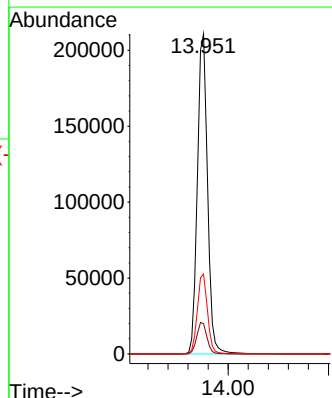
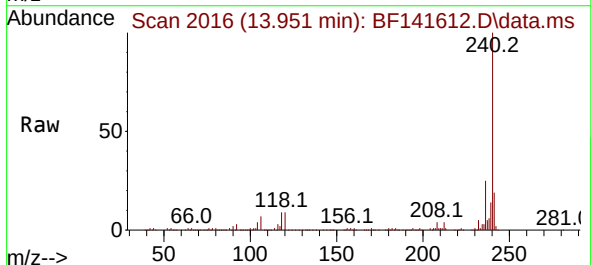
Instrument :
BNA_F
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346

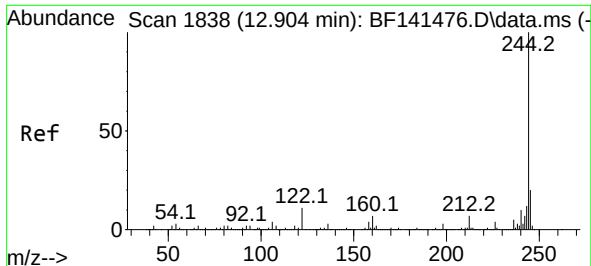
Tgt Ion:188 Resp: 390126
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

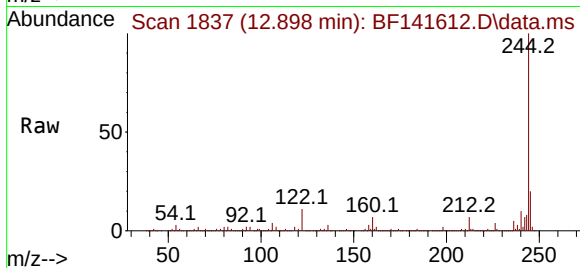
Tgt Ion:240 Resp: 295961
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 25.0 19.8 29.8



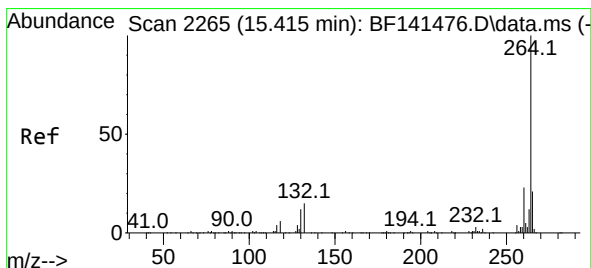
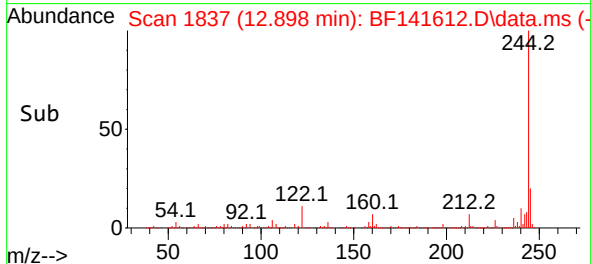
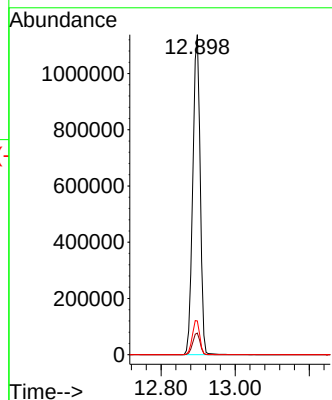


#79
 Terphenyl-d14
 Concen: 89.962 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141612.D
 Acq: 13 Feb 2025 14:10

Instrument :
 BNA_F
 ClientSampleId :
 346



Tgt Ion:244 Resp: 1577156
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141612.D
 Acq: 13 Feb 2025 14:10

Tgt Ion:264 Resp: 213788
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 20.7 17.0 25.4

