

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141436.D
 Acq On : 05 Feb 2025 10:28
 Operator : RC/JU
 Sample : PB166264BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166264BL

Quant Time: Feb 05 10:55:30 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	6.787	152	74641	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	297890	20.000	ng	#-0.02
39) Acenaphthene-d10	9.828	164	163016	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	276614	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	205629	20.000	ng	#-0.02
86) Perylene-d12	15.421	264	161668	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	714069	146.868	ng	0.00
7) Phenol-d6	6.428	99	869623	140.601	ng	-0.01
23) Nitrobenzene-d5	7.351	82	598738	105.956	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	244357	163.506	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1103050	104.150	ng	-0.01
79) Terphenyl-d14	12.910	244	1310962	98.320	ng	0.00

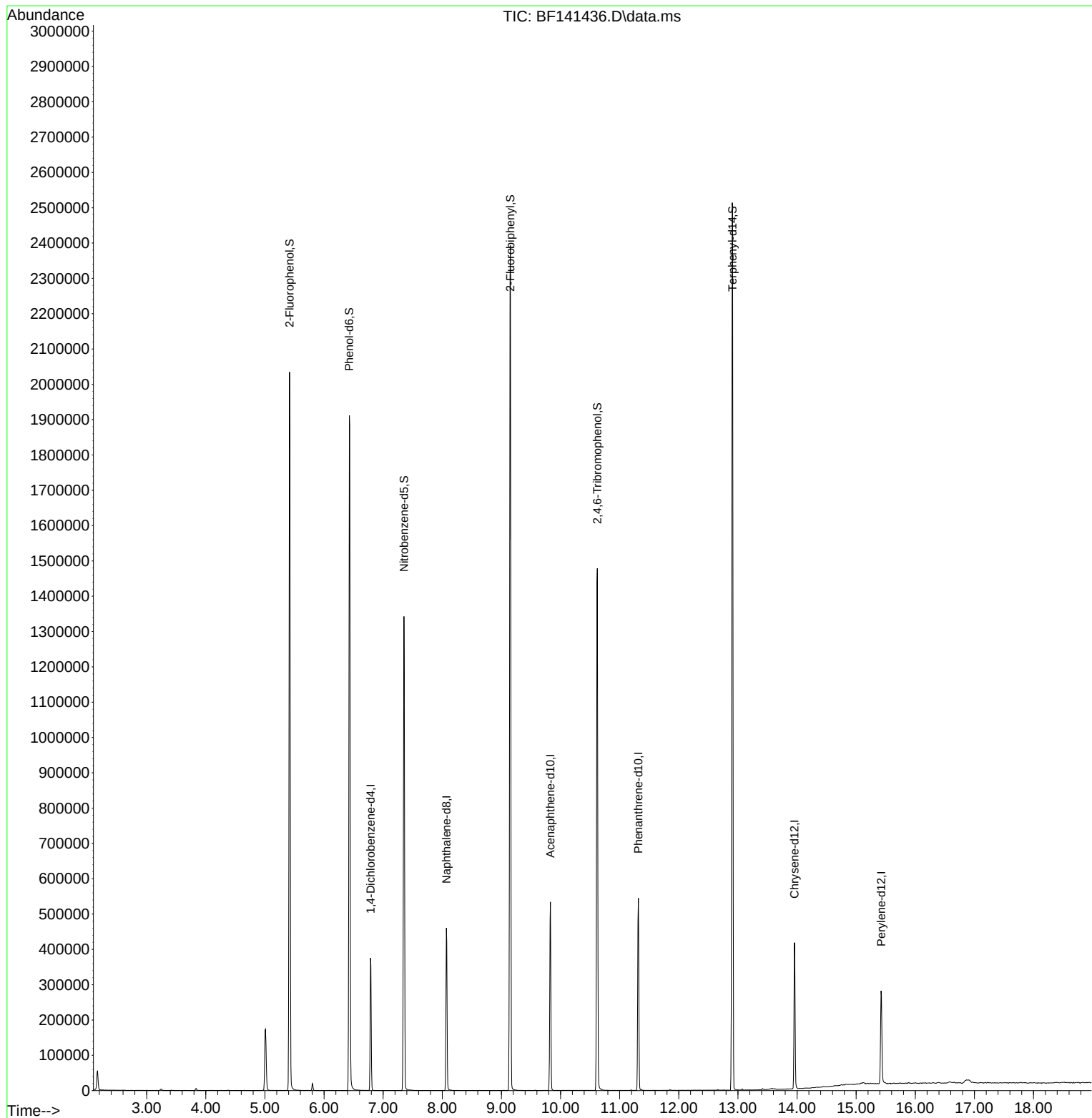
Target Compounds	Qvalue

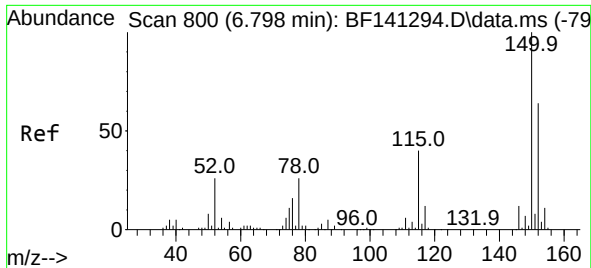
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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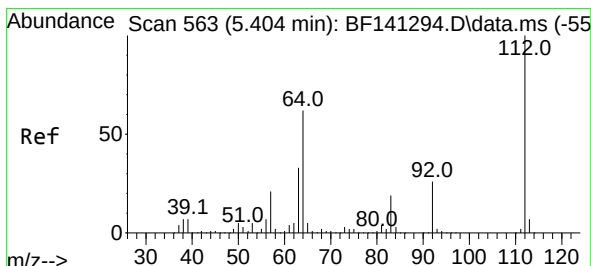
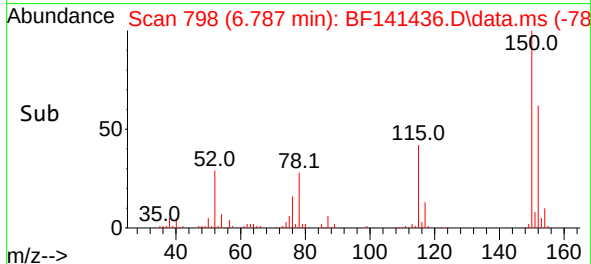
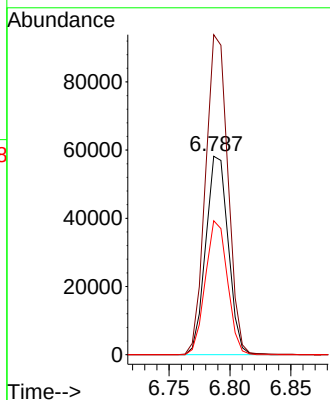
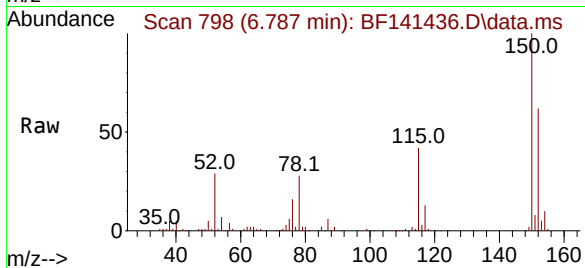




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141436.D
 Acq: 05 Feb 2025 10:28

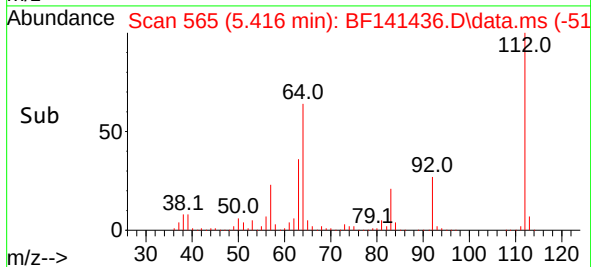
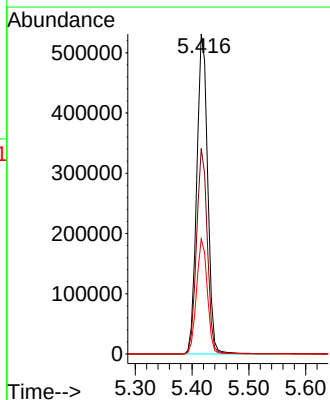
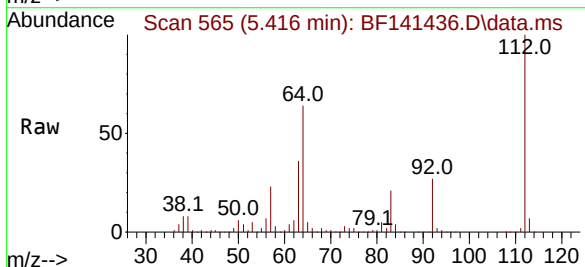
Instrument :
 BNA_F
 ClientSampleId :
 PB166264BL

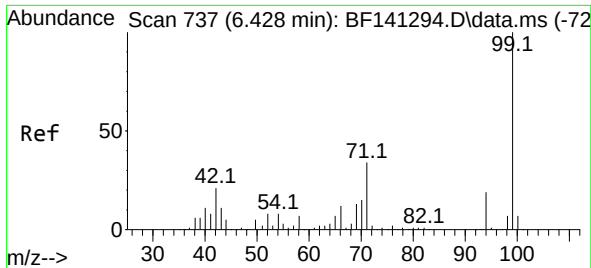
Tgt Ion:152 Resp: 74641
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.9 188.9
 115 67.5 49.7 74.5



#5
 2-Fluorophenol
 Concen: 146.868 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141436.D
 Acq: 05 Feb 2025 10:28

Tgt Ion:112 Resp: 714069
 Ion Ratio Lower Upper
 112 100
 64 64.2 49.8 74.8
 63 36.0 26.1 39.1

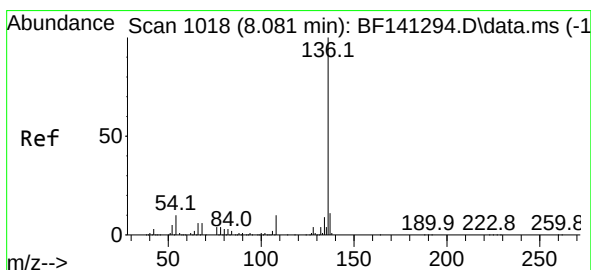
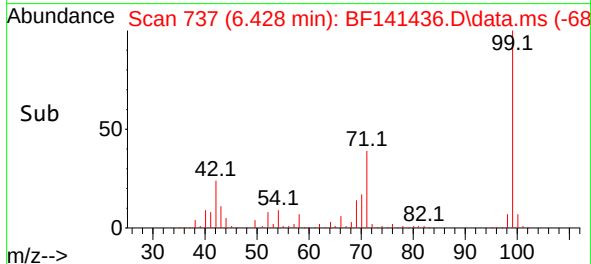
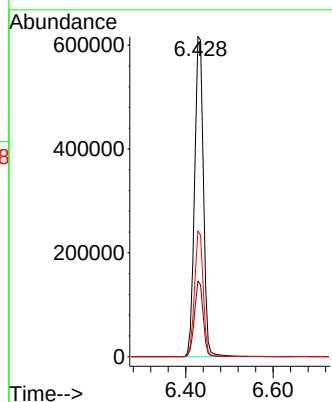
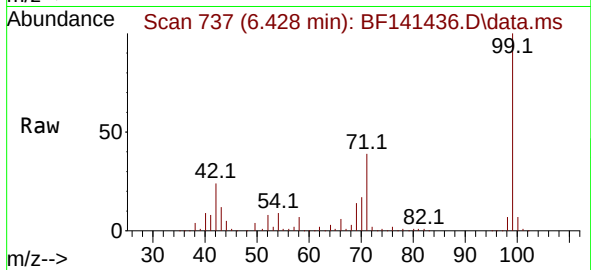




#7
Phenol-d6
Concen: 140.601 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141436.D
Acq: 05 Feb 2025 10:28

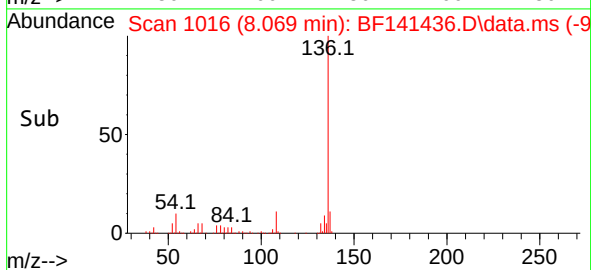
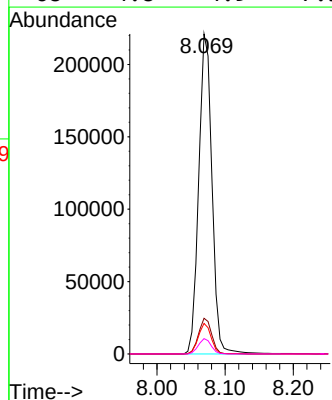
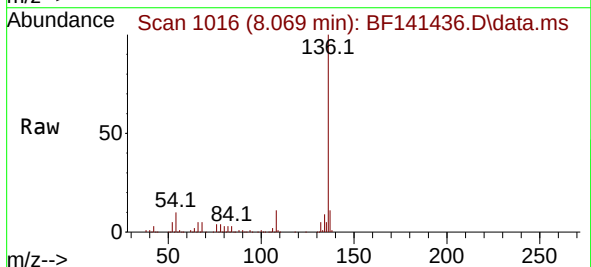
Instrument :
BNA_F
ClientSampleId :
PB166264BL

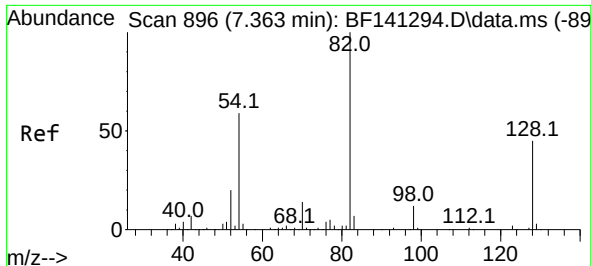
Tgt Ion: 99 Resp: 869623
Ion Ratio Lower Upper
99 100
42 23.6 17.1 25.7
71 39.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141436.D
Acq: 05 Feb 2025 10:28

Tgt Ion: 136 Resp: 297890
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.5 7.8 11.8
68 4.8 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 105.956 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141436.D

Acq: 05 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

PB166264BL

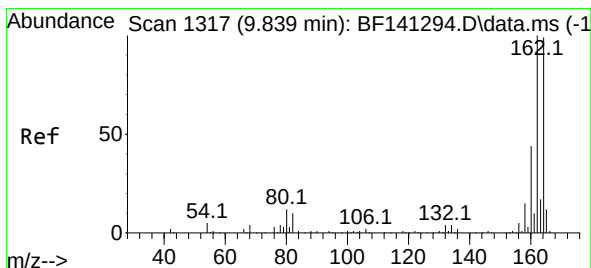
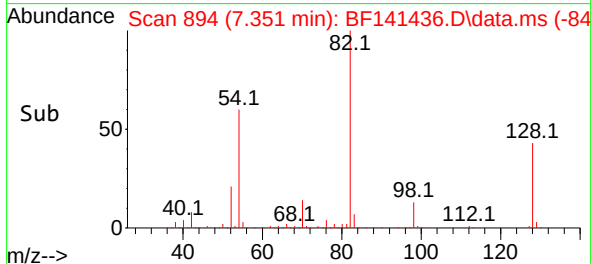
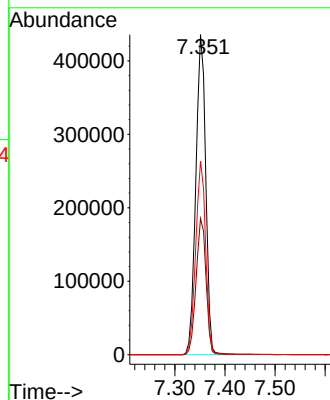
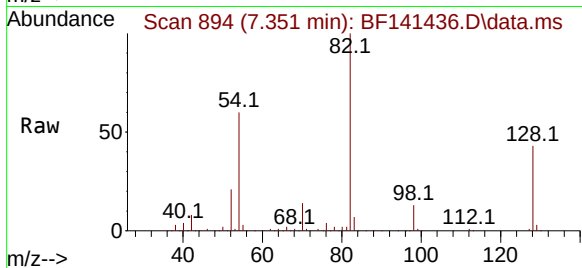
Tgt Ion: 82 Resp: 598738

Ion Ratio Lower Upper

82 100

128 42.6 35.7 53.5

54 60.5 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141436.D

Acq: 05 Feb 2025 10:28

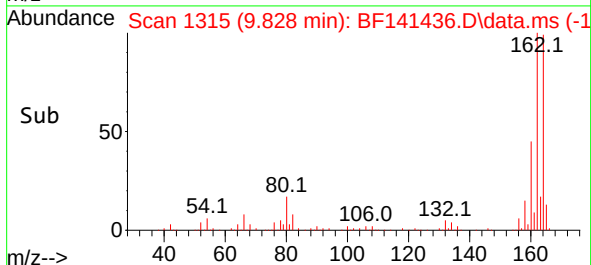
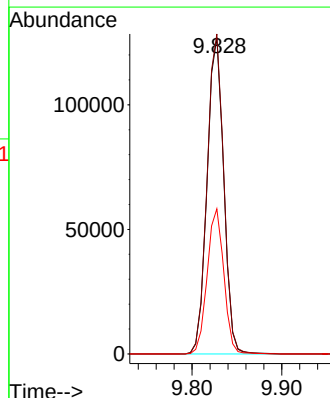
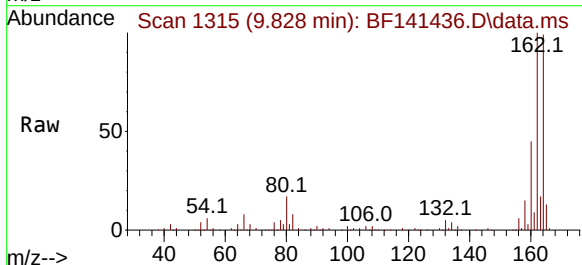
Tgt Ion:164 Resp: 163016

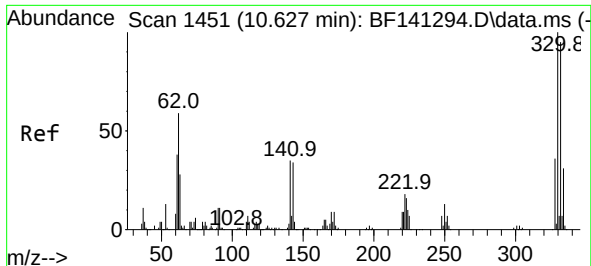
Ion Ratio Lower Upper

164 100

162 101.2 80.6 121.0

160 45.9 35.8 53.6

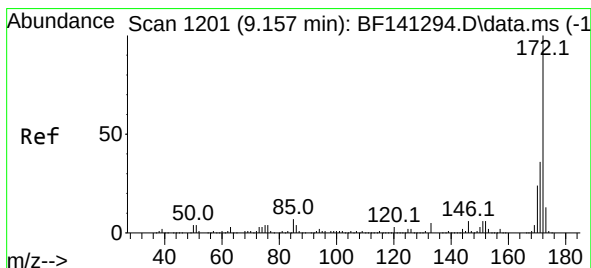
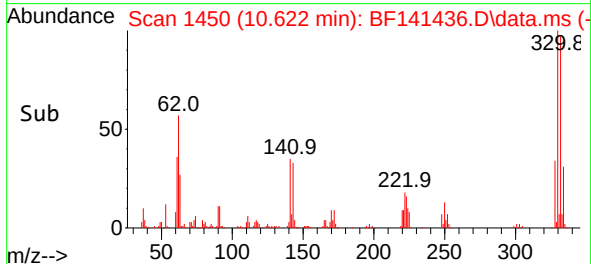
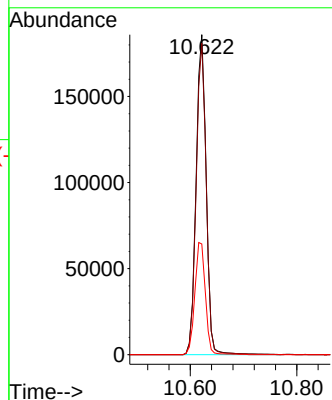
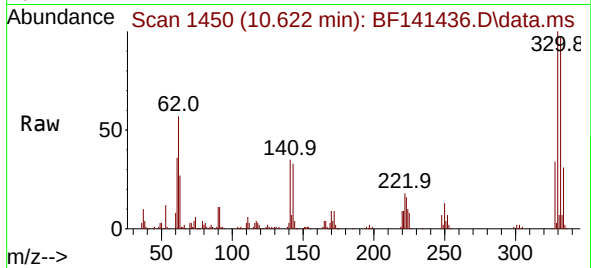




#42
 2,4,6-Tribromophenol
 Concen: 163.506 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.012 min
 Lab File: BF141436.D
 Acq: 05 Feb 2025 10:28

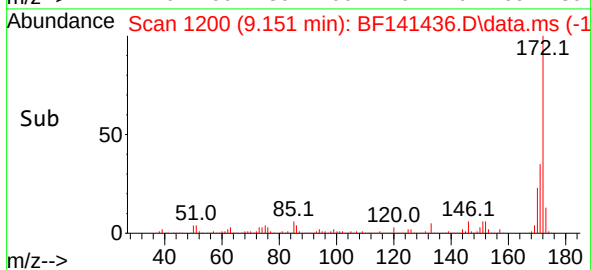
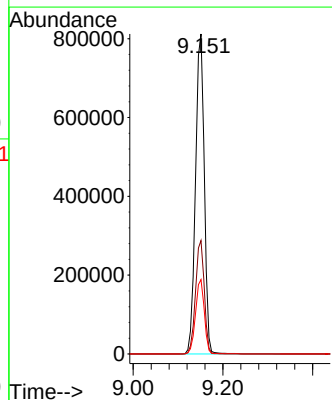
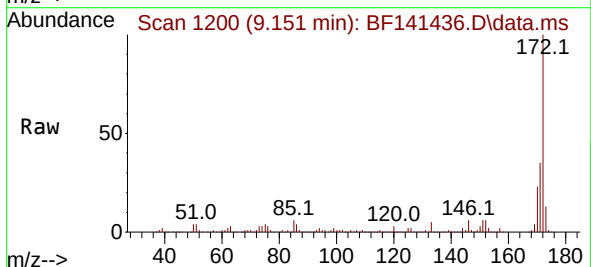
Instrument :
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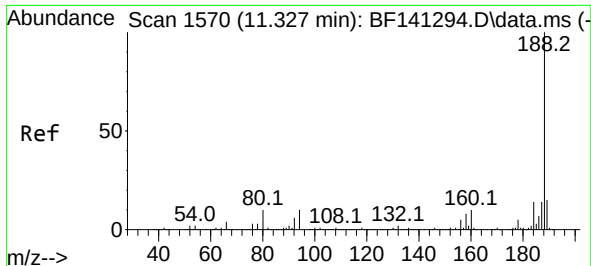
Tgt Ion:330 Resp: 244357
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.1 114.1
 141 36.6 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 104.150 ng
 RT: 9.151 min Scan# 1200
 Delta R.T. -0.012 min
 Lab File: BF141436.D
 Acq: 05 Feb 2025 10:28

Tgt Ion:172 Resp: 1103050
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.8 43.2
 170 23.2 19.0 28.6

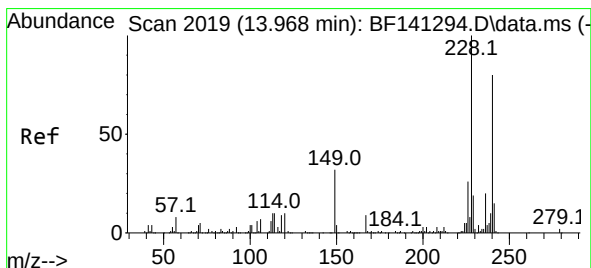
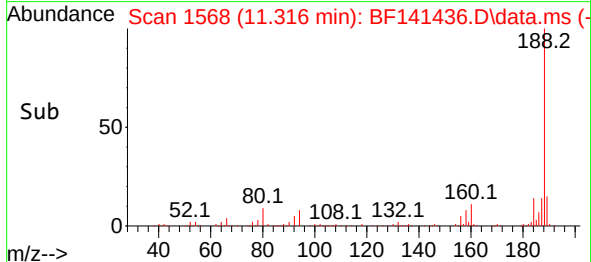
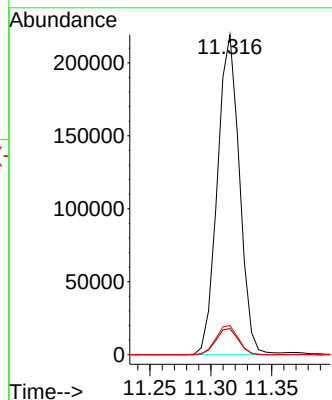
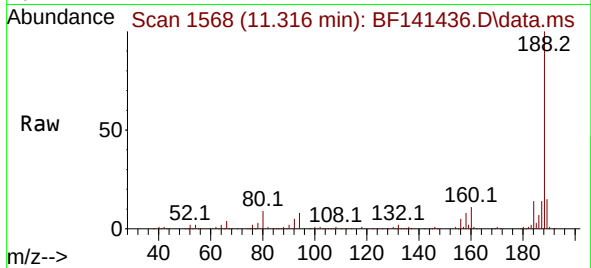




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141436.D
Acq: 05 Feb 2025 10:28

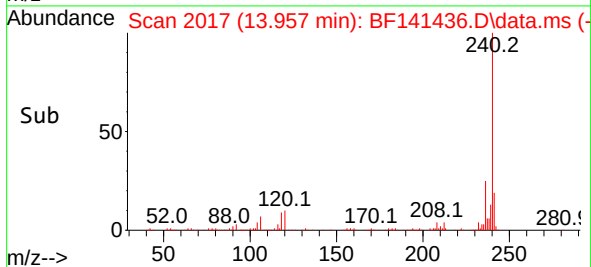
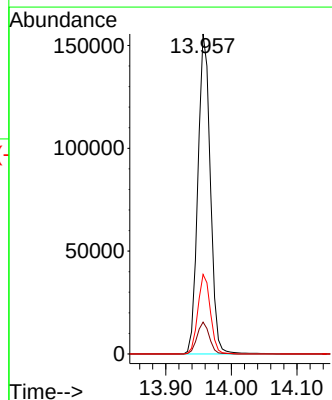
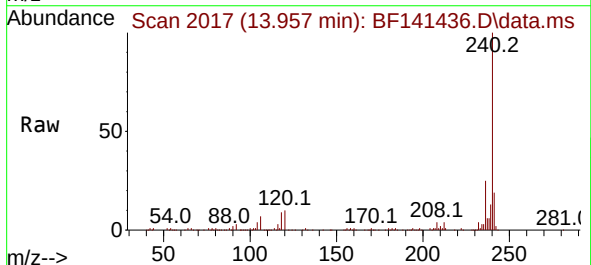
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BNA_F
ClientSampleId :
PB166264BL

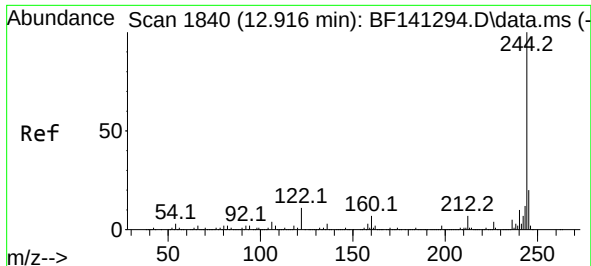
Tgt Ion:188 Resp: 276614
Ion Ratio Lower Upper
188 100
94 8.1 7.8 11.6
80 9.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141436.D
Acq: 05 Feb 2025 10:28

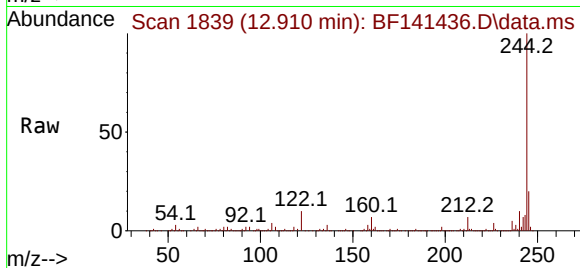
Tgt Ion:240 Resp: 205629
Ion Ratio Lower Upper
240 100
120 10.0 10.0 15.0#
236 24.9 19.7 29.5



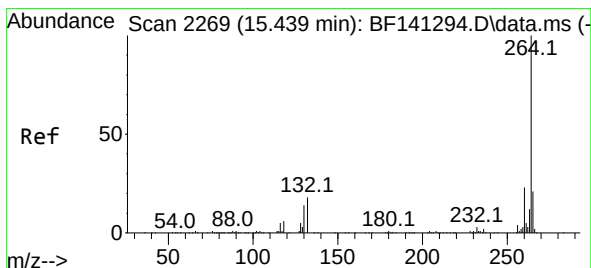
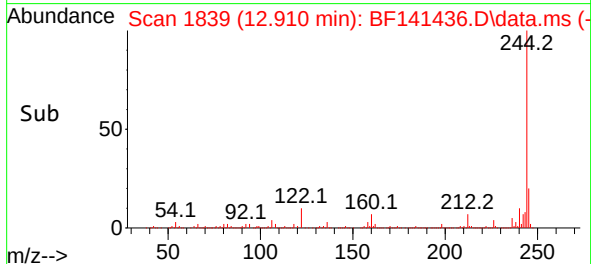
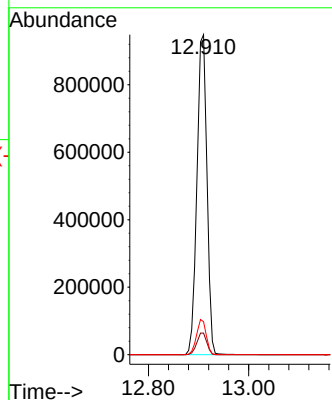


#79
Terphenyl-d14
Concen: 98.320 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141436.D
Acq: 05 Feb 2025 10:28

Instrument :
BNA_F
ClientSampleId :
PB166264BL



Tgt Ion:244 Resp: 1310962
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.3 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: BF141436.D
Acq: 05 Feb 2025 10:28

Tgt Ion:264 Resp: 161668
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.1 16.7 25.1

