

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141503.D
 Acq On : 07 Feb 2025 12:58
 Operator : RC/JU
 Sample : PB166580BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166580BL

Quant Time: Feb 07 13:23:59 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	84409	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	333041	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	186839	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	335893	20.000	ng	0.00
76) Chrysene-d12	13.951	240	273520	20.000	ng	-0.01
86) Perylene-d12	15.404	264	217062	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	720582	133.835	ng	0.00
7) Phenol-d6	6.428	99	887283	130.386	ng	-0.01
23) Nitrobenzene-d5	7.351	82	592544	92.800	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	251971	134.250	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1132957	93.422	ng	0.00
79) Terphenyl-d14	12.904	244	1382639	85.337	ng	0.00

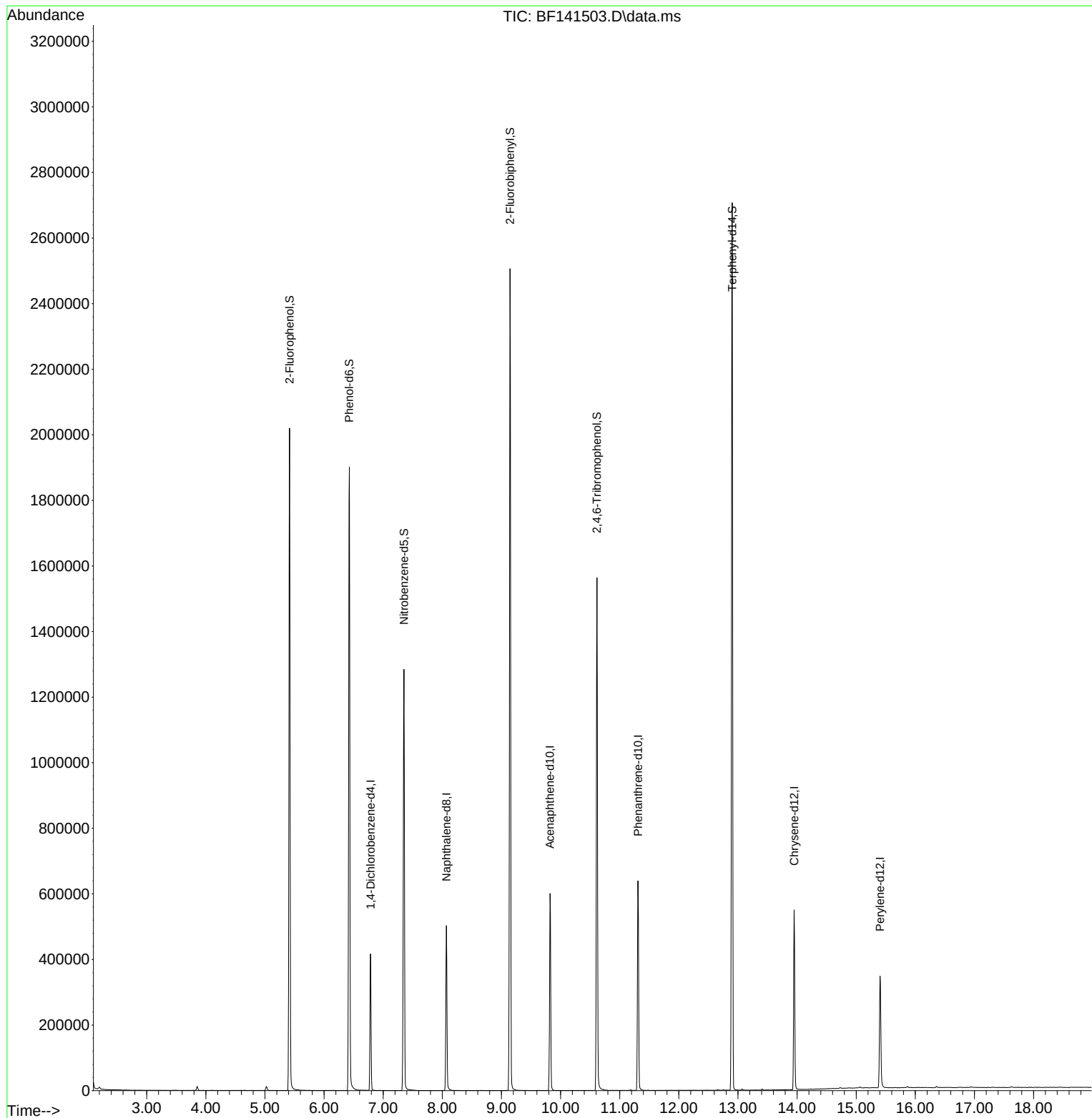
Target Compounds	Qvalue

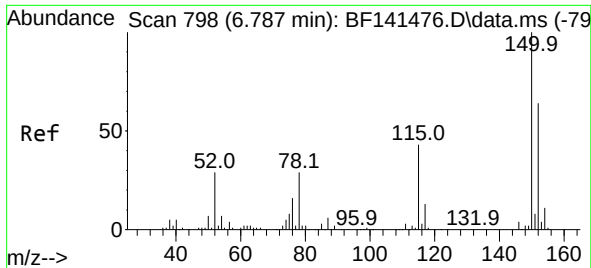
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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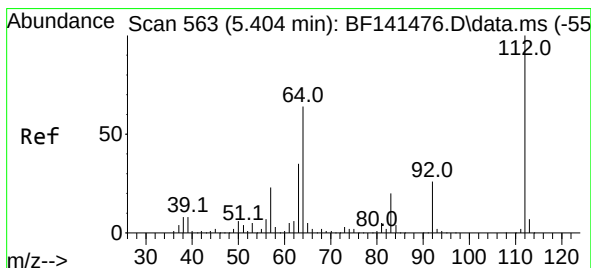
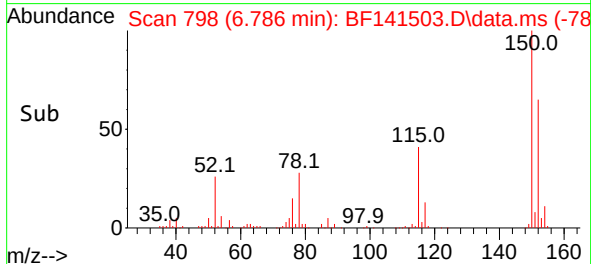
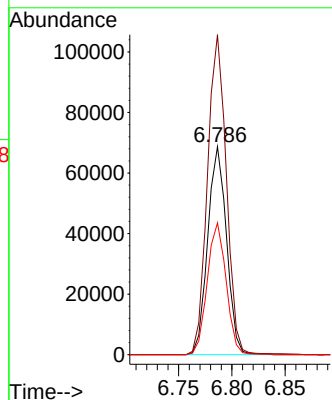
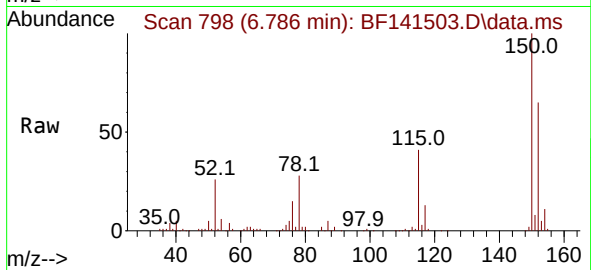




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF141503.D
 Acq: 07 Feb 2025 12:58

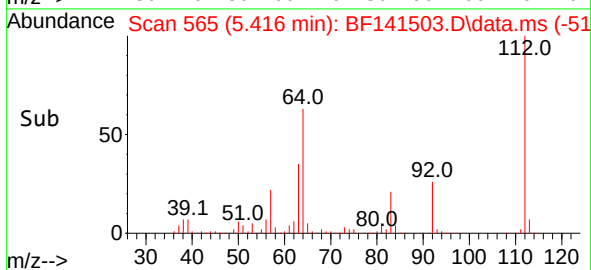
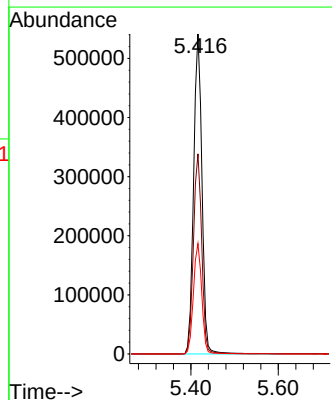
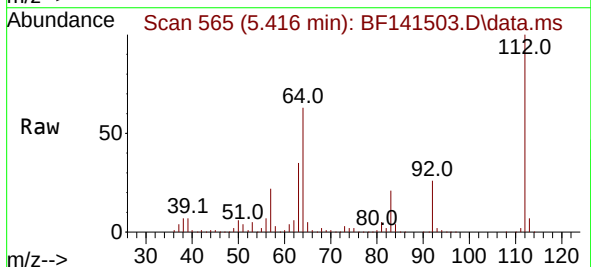
Instrument :
 BNA_F
 ClientSampleId :
 PB166580BL

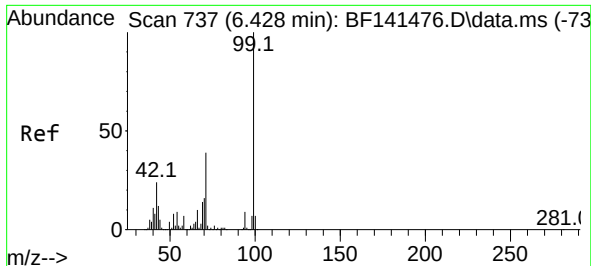
Tgt Ion:152 Resp: 84409
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.0 187.4
 115 63.4 53.6 80.4



#5
 2-Fluorophenol
 Concen: 133.835 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141503.D
 Acq: 07 Feb 2025 12:58

Tgt Ion:112 Resp: 720582
 Ion Ratio Lower Upper
 112 100
 64 62.6 51.1 76.7
 63 34.5 28.4 42.6

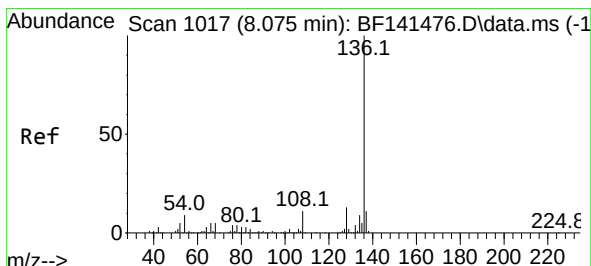
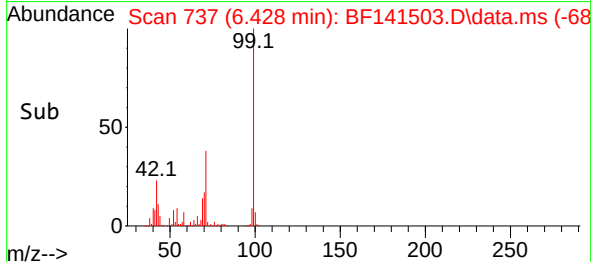
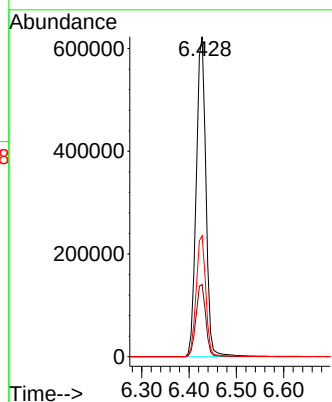
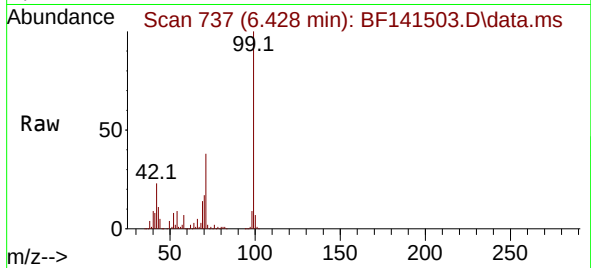




#7
Phenol-d6
Concen: 130.386 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

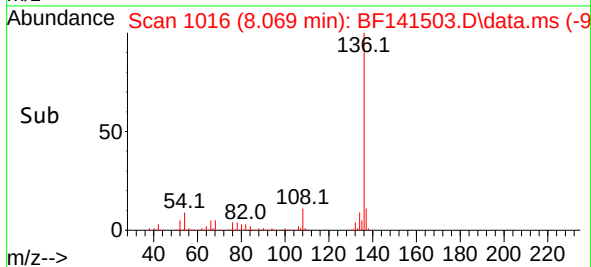
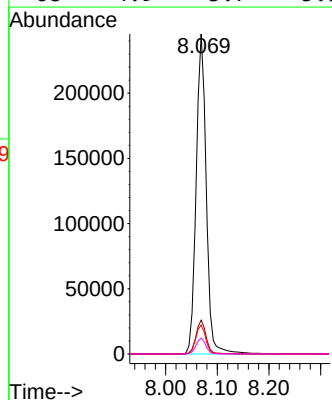
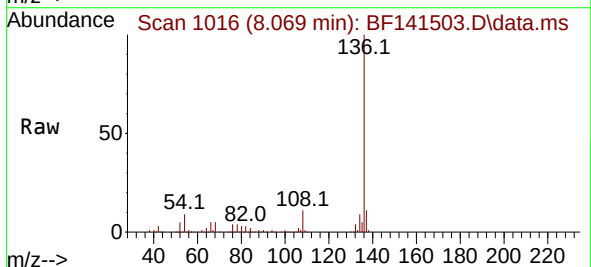
Instrument :
BNA_F
ClientSampleId :
PB166580BL

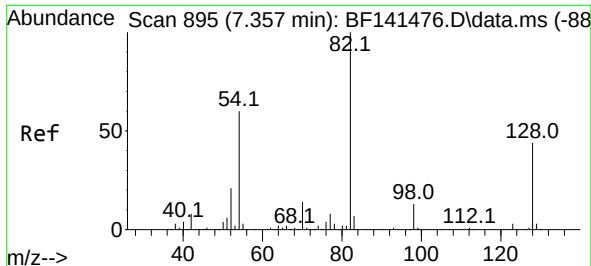
Tgt Ion: 99 Resp: 887283
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

Tgt Ion: 136 Resp: 333041
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.2 10.8
68 4.9 3.7 5.5

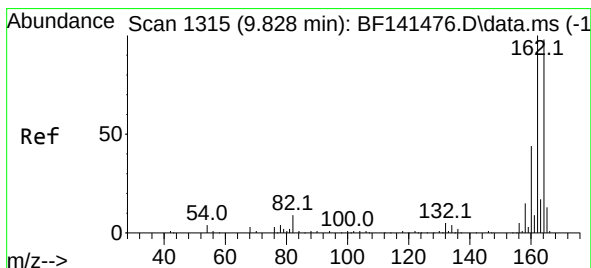
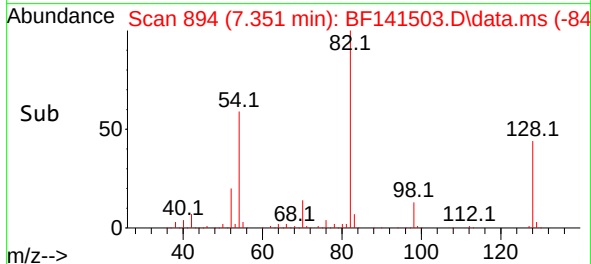
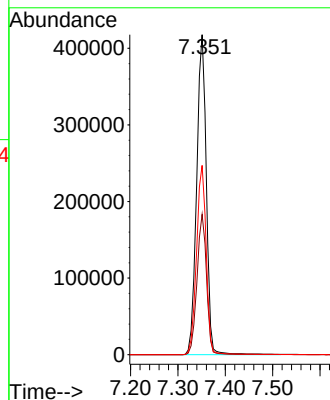
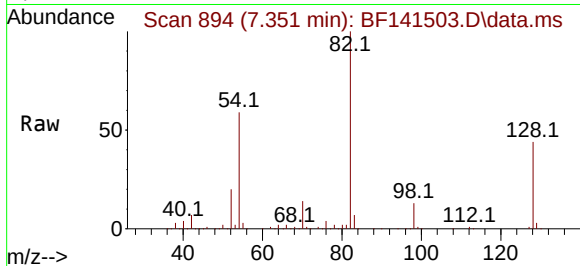




#23
Nitrobenzene-d5
Concen: 92.800 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

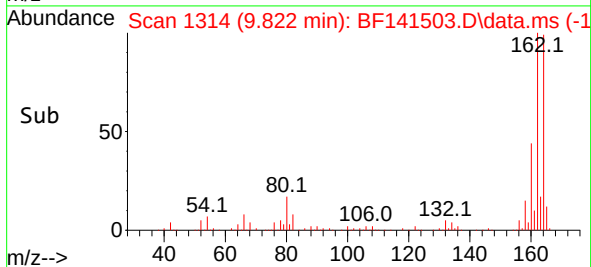
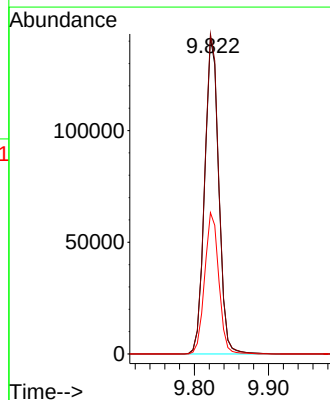
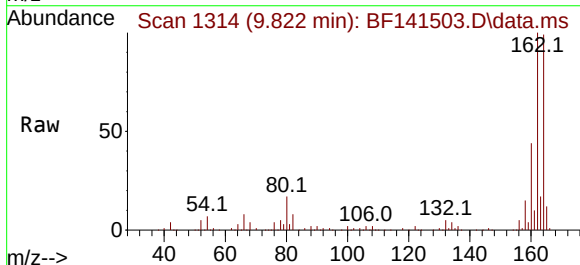
Instrument :
BNA_F
ClientSampleId :
PB166580BL

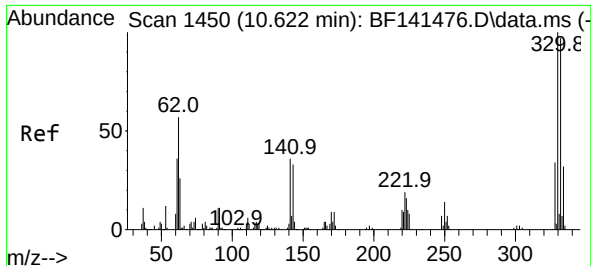
Tgt Ion: 82 Resp: 592544
Ion Ratio Lower Upper
82 100
128 43.9 34.8 52.2
54 59.1 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

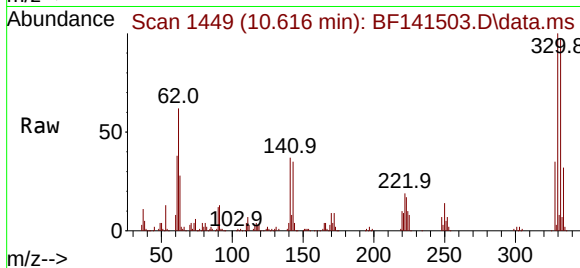
Tgt Ion:164 Resp: 186839
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.7 35.9 53.9



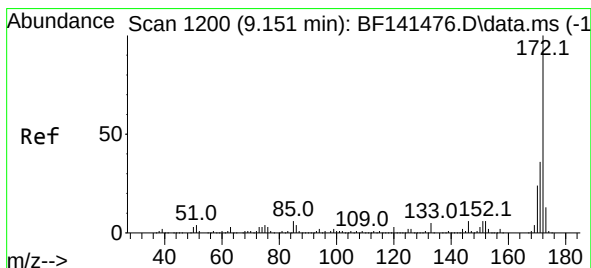
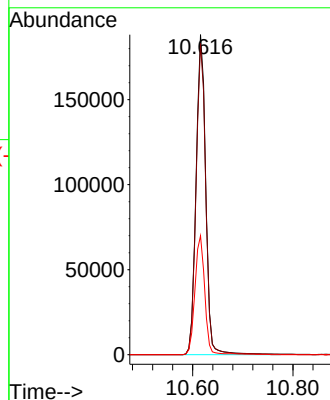
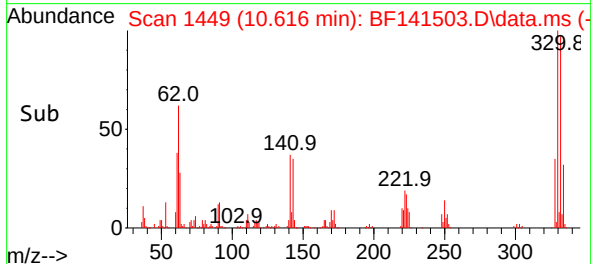


#42
 2,4,6-Tribromophenol
 Concen: 134.250 ng
 RT: 10.616 min Scan# 1449
 Delta R.T. -0.012 min
 Lab File: BF141503.D
 Acq: 07 Feb 2025 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB166580BL

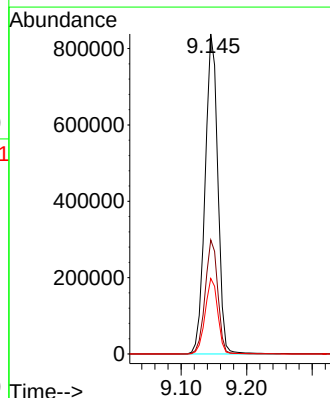
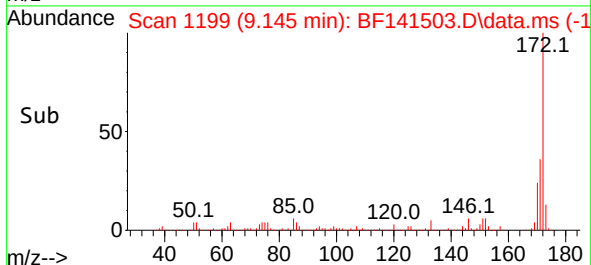
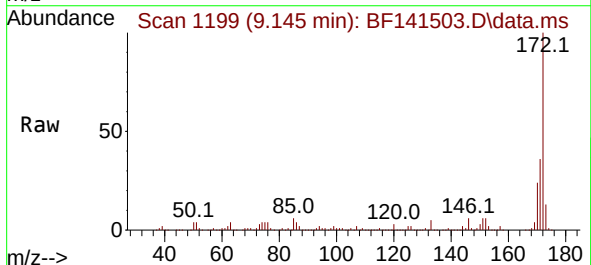


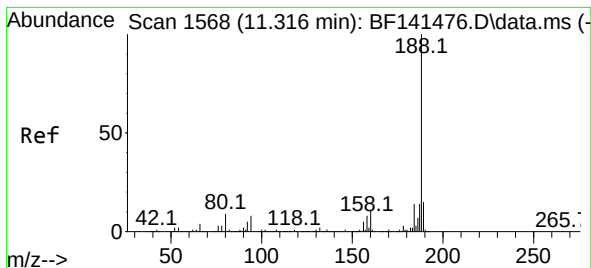
Tgt Ion:330 Resp: 251971
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.5 117.7
 141 37.8 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 93.422 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BF141503.D
 Acq: 07 Feb 2025 12:58

Tgt Ion:172 Resp: 1132957
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.7 43.1
 170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141503.D

Acq: 07 Feb 2025 12:58

Instrument :

BNA_F

ClientSampleId :

PB166580BL

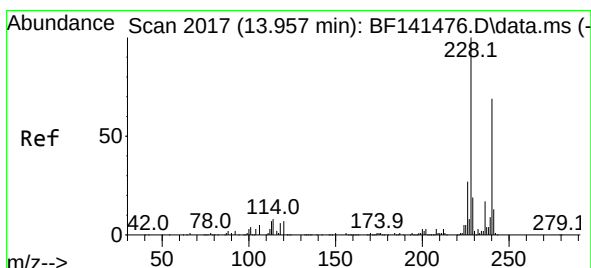
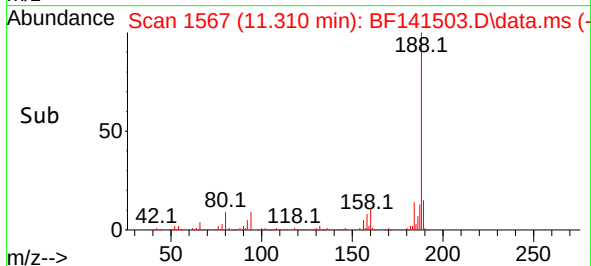
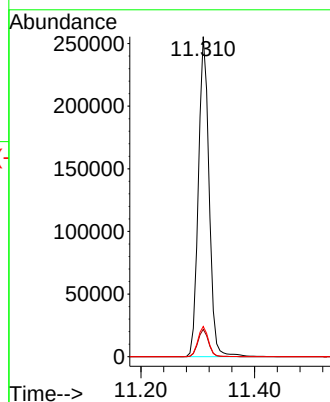
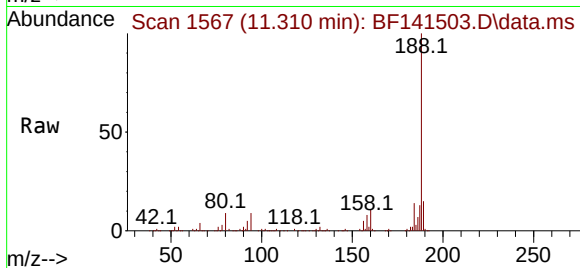
Tgt Ion:188 Resp: 335893

Ion Ratio Lower Upper

188 100

94 8.5 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: BF141503.D

Acq: 07 Feb 2025 12:58

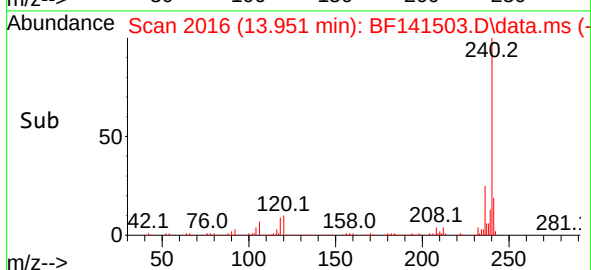
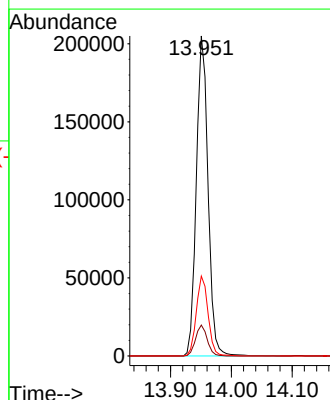
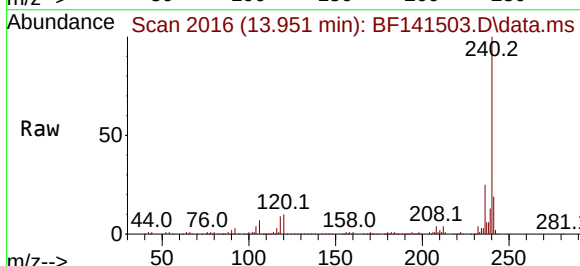
Tgt Ion:240 Resp: 273520

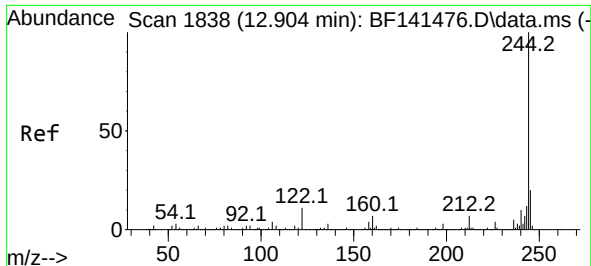
Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

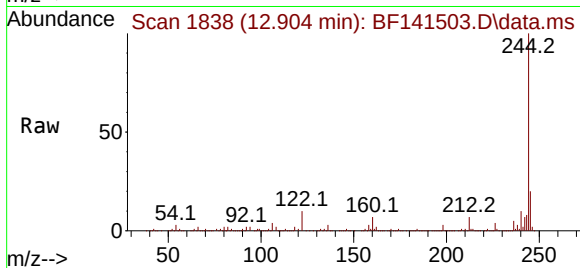
236 25.0 19.8 29.8





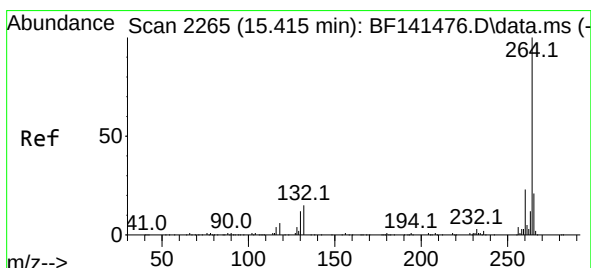
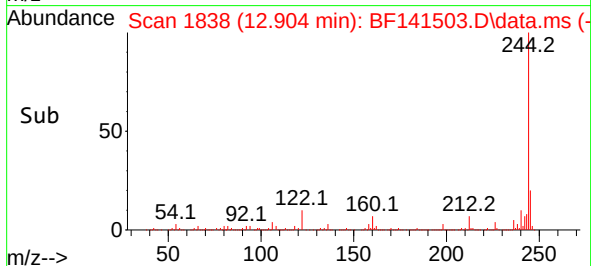
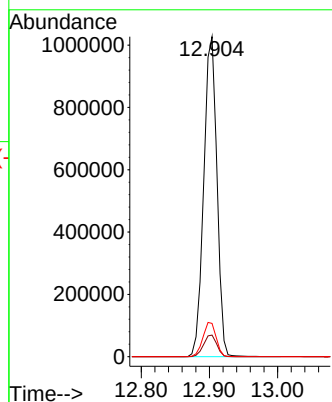
#79
 Terphenyl-d14
 Concen: 85.337 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141503.D
 Acq: 07 Feb 2025 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB166580BL



Tgt Ion:244 Resp: 1382639

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.4	8.4	12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141503.D
 Acq: 07 Feb 2025 12:58

Tgt Ion:264 Resp: 217062

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.5	17.0	25.4

