

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141645.D
 Acq On : 14 Feb 2025 17:49
 Operator : RC/JU
 Sample : Q1365-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357

Quant Time: Feb 14 22:05:20 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)

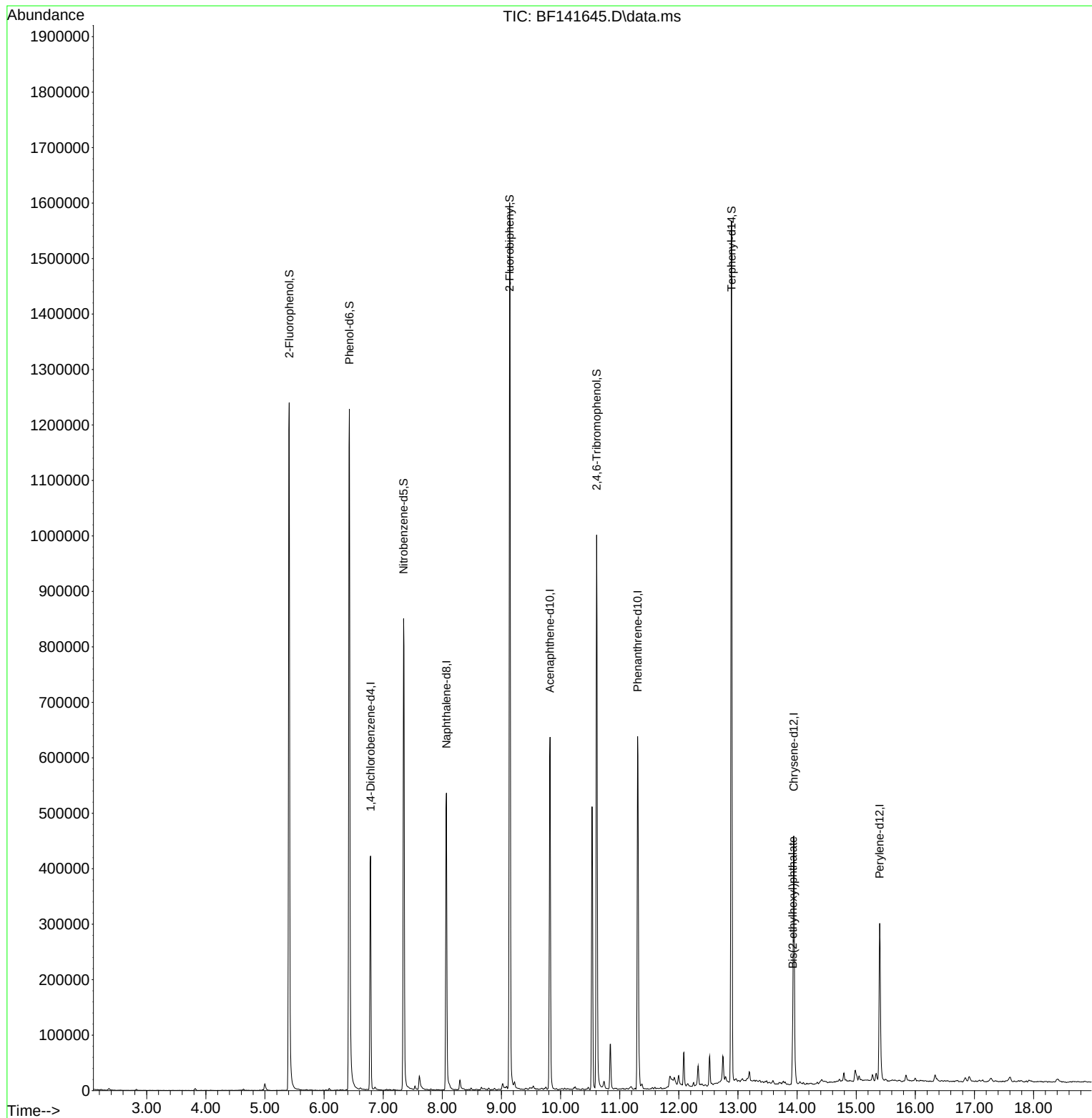
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89930	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	368212	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	200783	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	349366	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	220163	20.000	ng	-0.02
86) Perylene-d12	15.398	264	173491	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	489532	85.340	ng	0.00
7) Phenol-d6	6.428	99	612688	84.507	ng	-0.01
23) Nitrobenzene-d5	7.345	82	396717	56.196	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	165335	81.973	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	728421	55.893	ng	-0.01
79) Terphenyl-d14	12.892	244	753165	57.751	ng	-0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.927	149	27648	3.776	ng	Qvalue 98

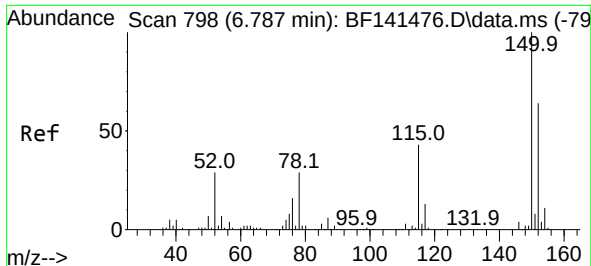
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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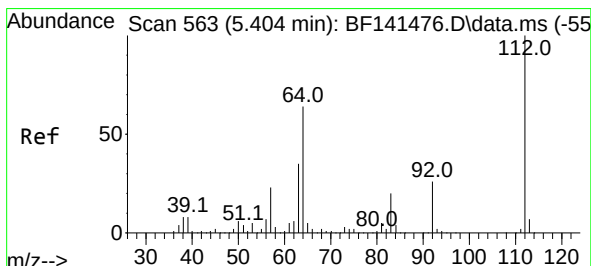
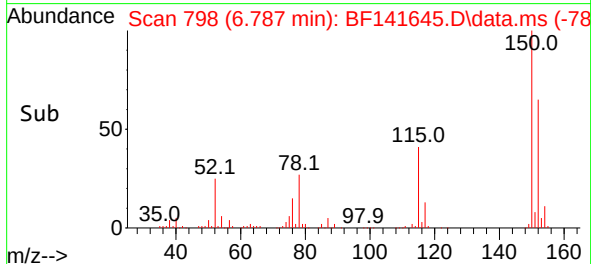
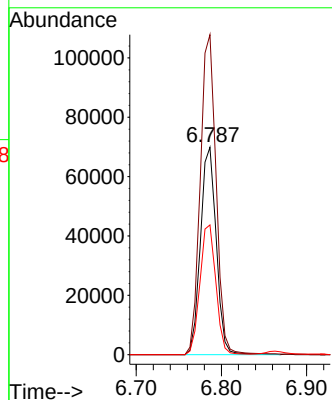
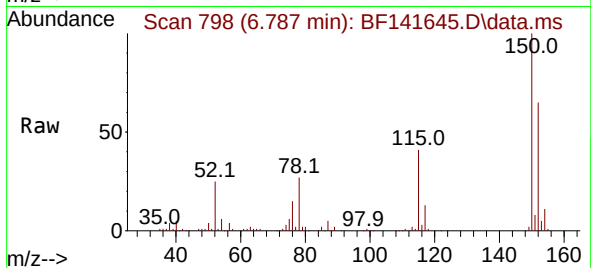




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141645.D
 Acq: 14 Feb 2025 17:49

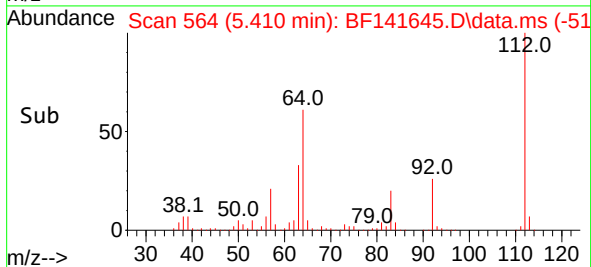
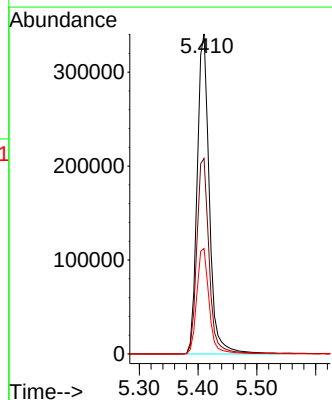
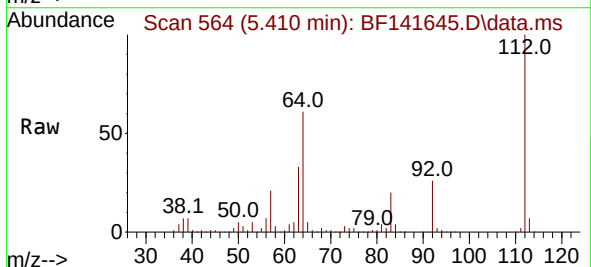
Instrument :
 BNA_F
 ClientSampleId :
 357

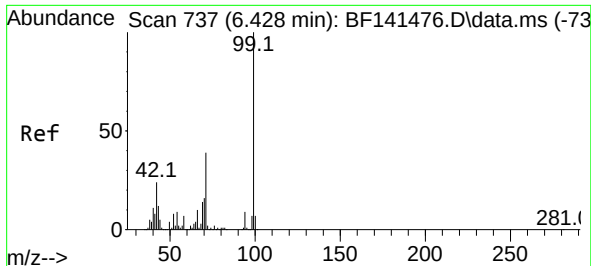
Tgt Ion:152 Resp: 89930
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.0 187.4
 115 62.5 53.6 80.4



#5
 2-Fluorophenol
 Concen: 85.340 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141645.D
 Acq: 14 Feb 2025 17:49

Tgt Ion:112 Resp: 489532
 Ion Ratio Lower Upper
 112 100
 64 61.1 51.1 76.7
 63 33.0 28.4 42.6





#7
Phenol-d6
Concen: 84.507 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141645.D
Acq: 14 Feb 2025 17:49

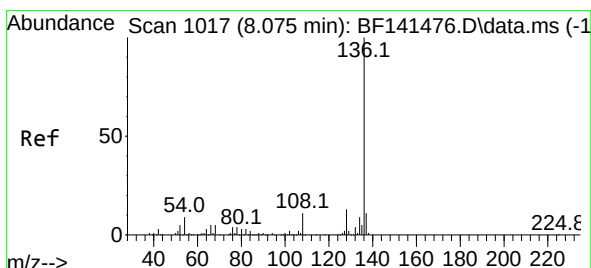
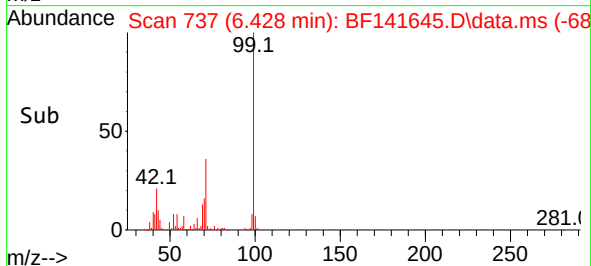
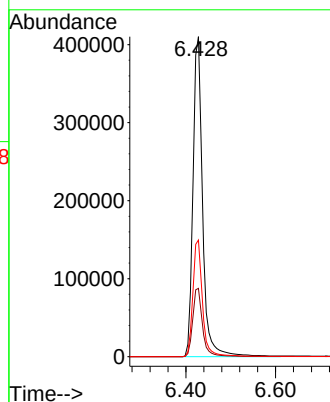
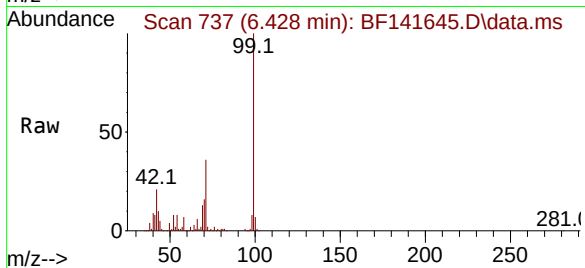
Instrument :

BNA_F

ClientSampleId :

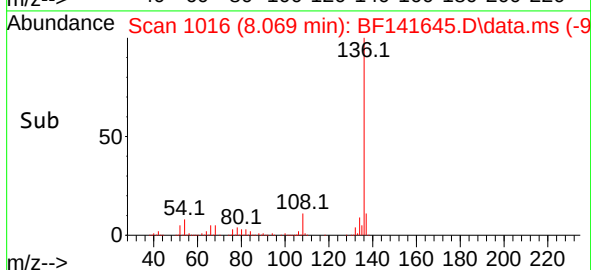
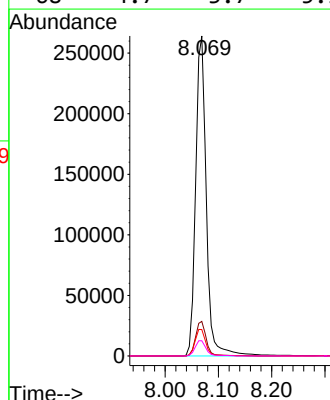
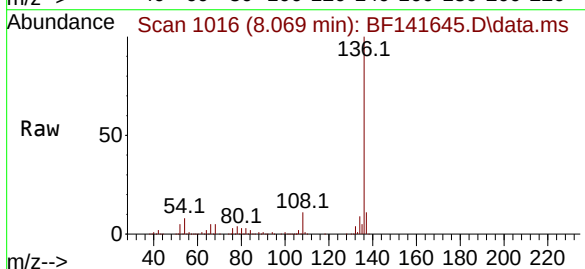
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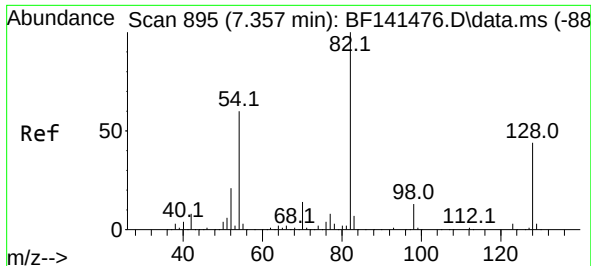
Tgt Ion: 99 Resp: 612688
Ion Ratio Lower Upper
99 100
42 21.3 19.1 28.7
71 36.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141645.D
Acq: 14 Feb 2025 17:49

Tgt Ion: 136 Resp: 368212
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 7.2 10.8
68 4.7 3.7 5.5

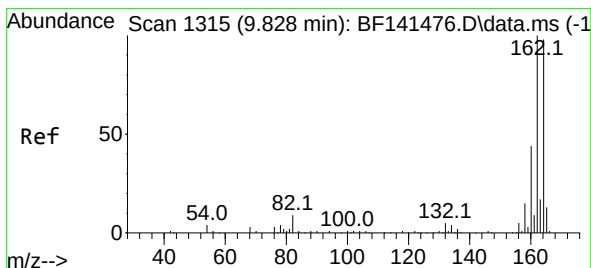
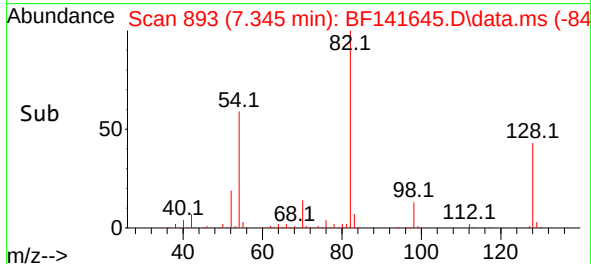
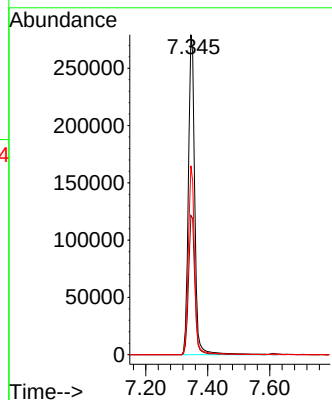
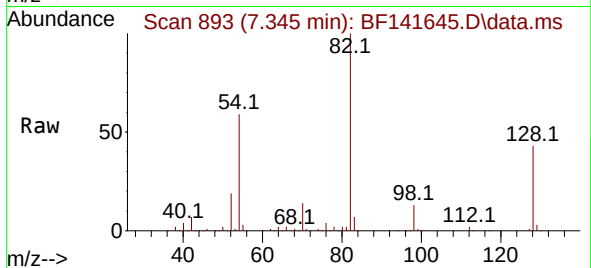




#23
Nitrobenzene-d5
Concen: 56.196 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF141645.D
Acq: 14 Feb 2025 17:49

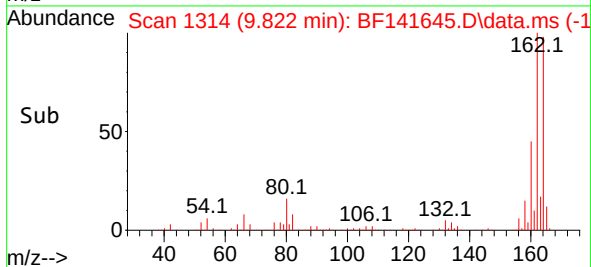
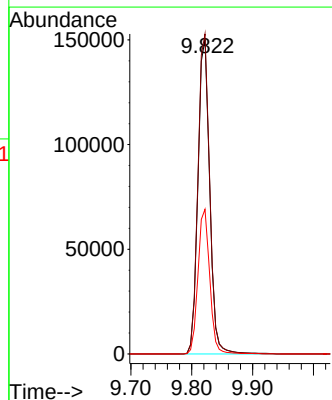
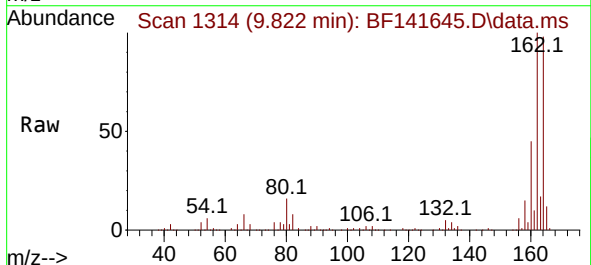
Instrument :
BNA_F
ClientSampleId :
357

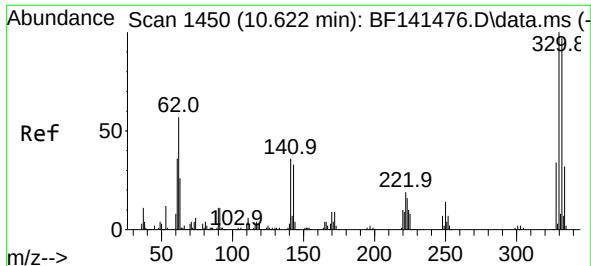
Tgt Ion: 82 Resp: 396717
Ion Ratio Lower Upper
82 100
128 43.5 34.8 52.2
54 59.1 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141645.D
Acq: 14 Feb 2025 17:49

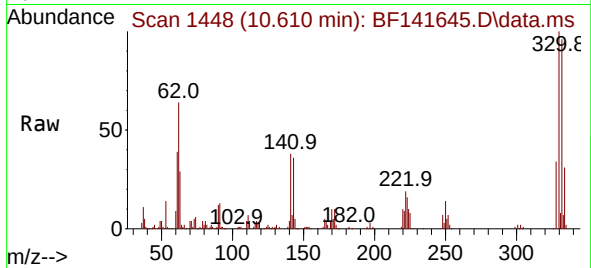
Tgt Ion:164 Resp: 200783
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 46.0 35.9 53.9



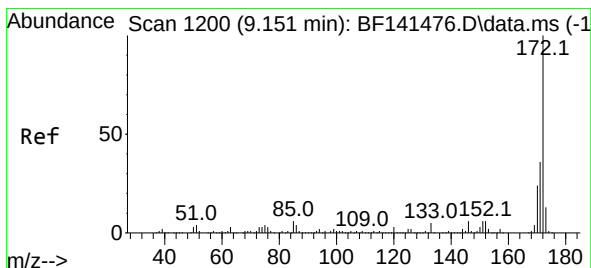
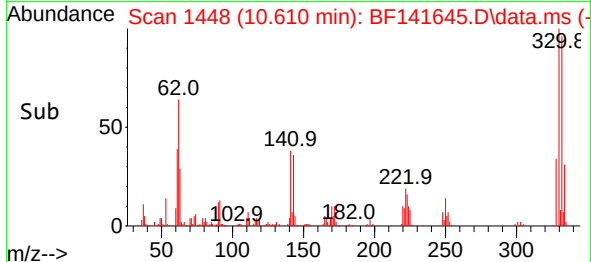
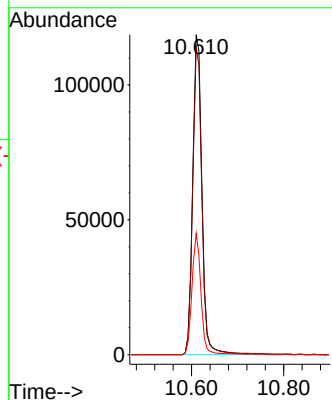


#42
2,4,6-Tribromophenol
Concen: 81.973 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141645.D
Acq: 14 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
357

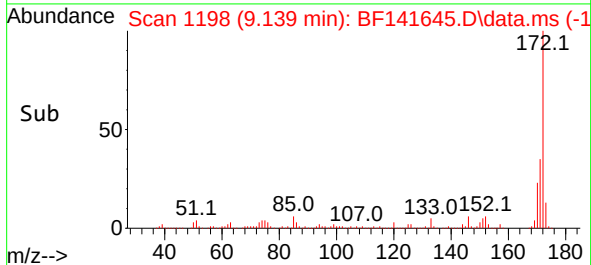
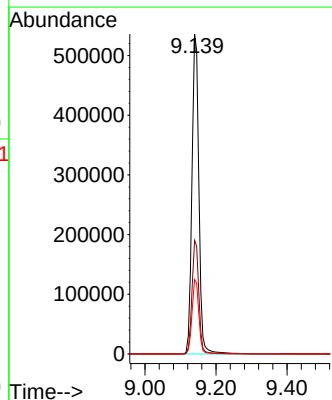
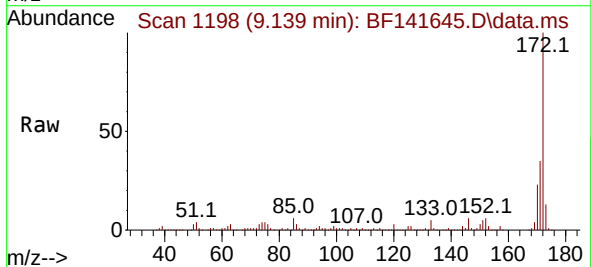


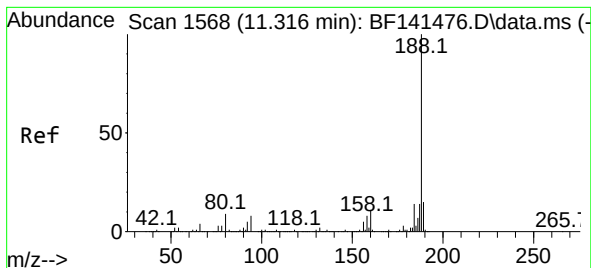
Tgt Ion: 330 Resp: 165335
Ion Ratio Lower Upper
330 100
332 95.8 78.5 117.7
141 36.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 55.893 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141645.D
Acq: 14 Feb 2025 17:49

Tgt Ion: 172 Resp: 728421
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# 1

Delta R.T. -0.012 min

Lab File: BF141645.D

Acq: 14 Feb 2025 17:49

Instrument :

BNA_F

ClientSampleId :

357

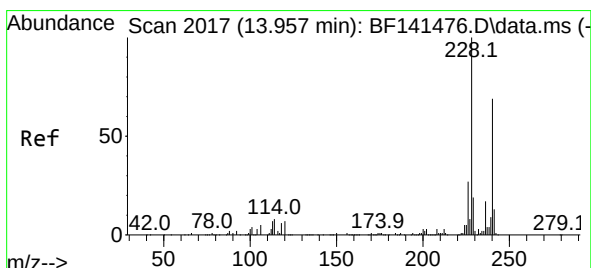
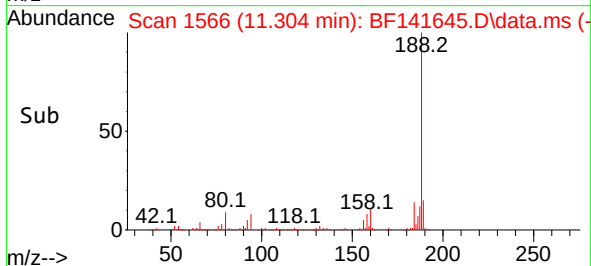
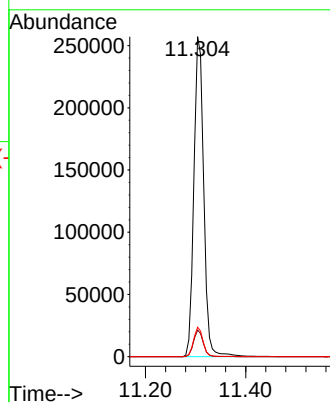
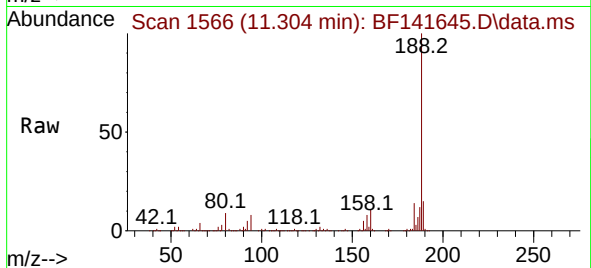
Tgt Ion:188 Resp: 349366

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.018 min

Lab File: BF141645.D

Acq: 14 Feb 2025 17:49

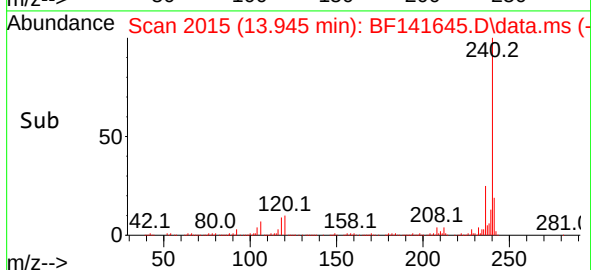
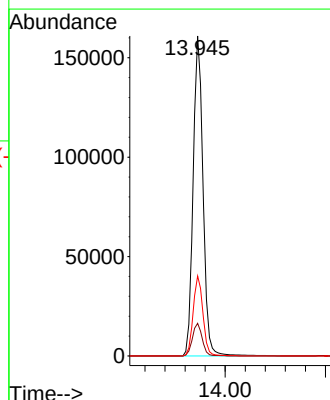
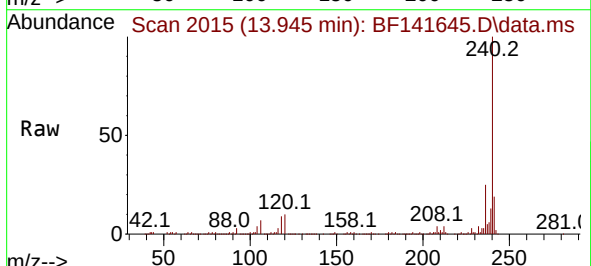
Tgt Ion:240 Resp: 220163

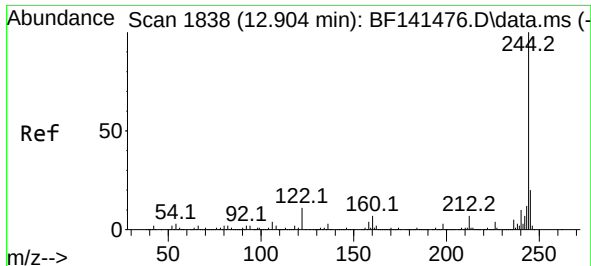
Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

236 25.0 19.8 29.8

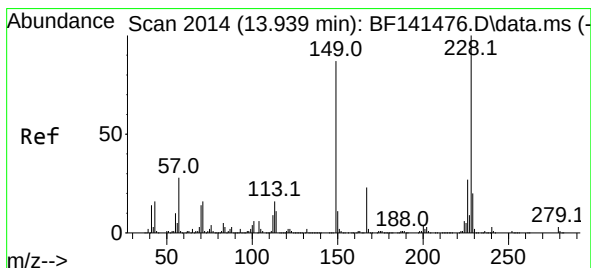
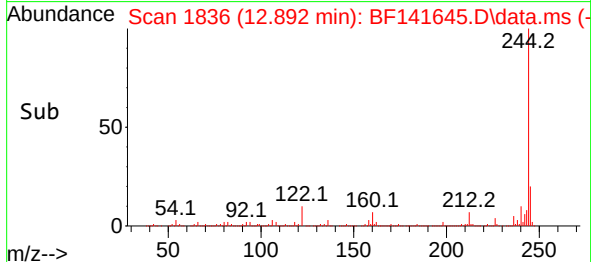
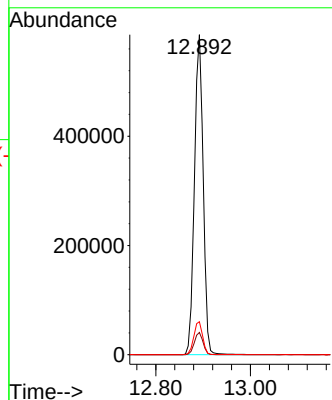
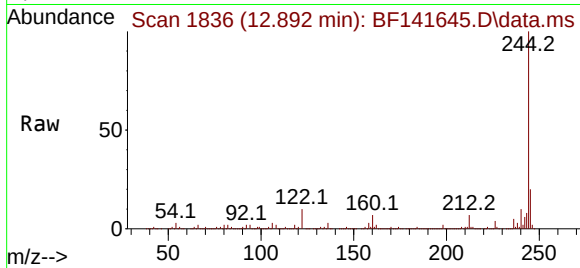




#79
 Terphenyl-d14
 Concen: 57.751 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141645.D
 Acq: 14 Feb 2025 17:49

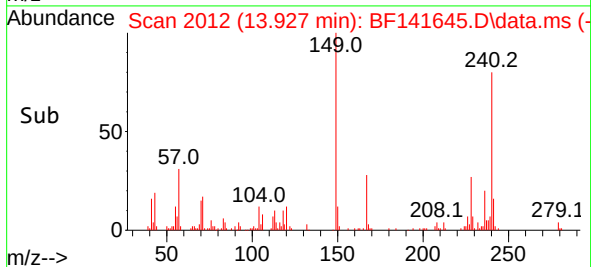
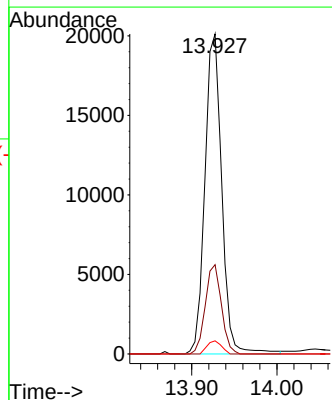
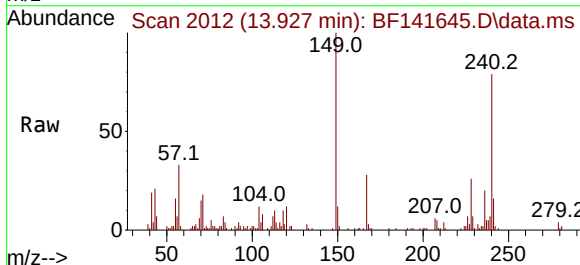
Instrument :
 BNA_F
 ClientSampleId :
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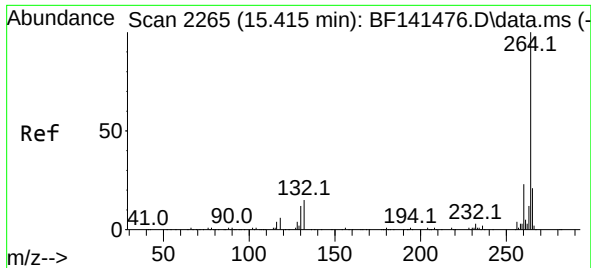
Tgt Ion:244 Resp: 753165
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.3 8.4 12.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.776 ng
 RT: 13.927 min Scan# 2012
 Delta R.T. -0.012 min
 Lab File: BF141645.D
 Acq: 14 Feb 2025 17:49

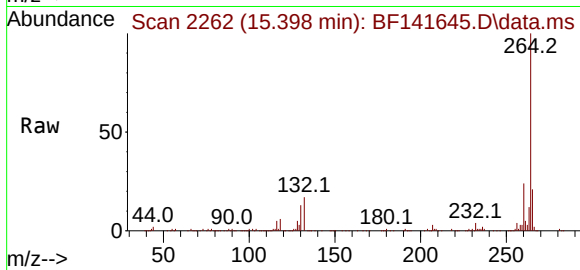
Tgt Ion:149 Resp: 27648
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.4 32.0
 279 4.1 3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141645.D
Acq: 14 Feb 2025 17:49

Instrument :
BNA_F
ClientSampleId :
357



Tgt Ion:264	Resp:	173491
Ion	Ratio	Lower Upper
264	100	
260	23.7	18.6 28.0
265	21.0	17.0 25.4

