

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141510.D
 Acq On : 07 Feb 2025 16:24
 Operator : RC/JU
 Sample : Q1299-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Feb 07 16:48:59 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)

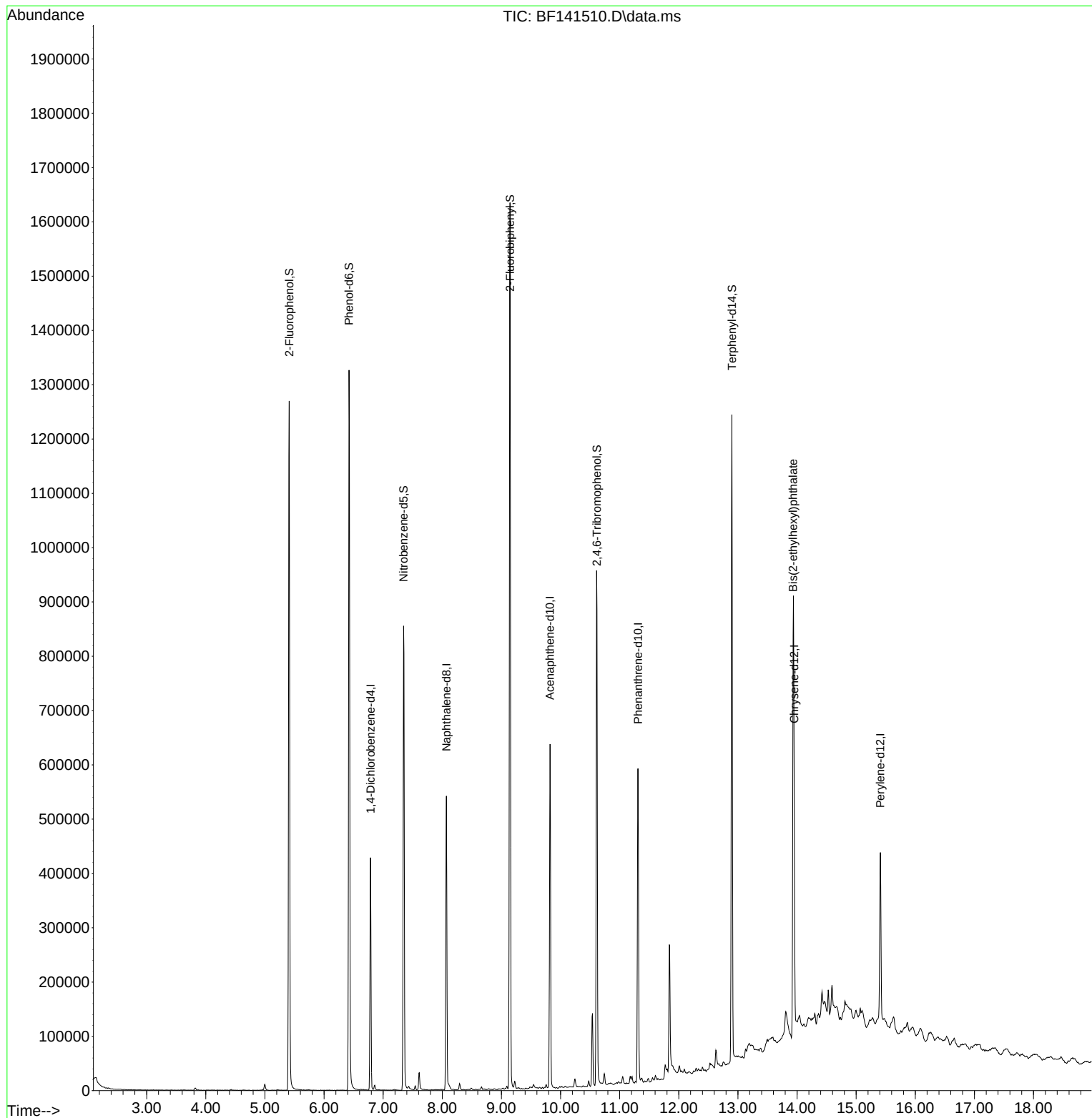
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	85763	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	344597	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	185348	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	292314	20.000	ng	0.00
76) Chrysene-d12	13.951	240	174225	20.000	ng	-0.01
86) Perylene-d12	15.410	264	188620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	459412	83.980	ng	0.00
7) Phenol-d6	6.422	99	580467	83.953	ng	-0.02
23) Nitrobenzene-d5	7.345	82	375790	56.880	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	149530	80.310	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	714079	59.355	ng	0.00
79) Terphenyl-d14	12.898	244	568195	55.056	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.933	149	265273	45.785	ng	Qvalue 99

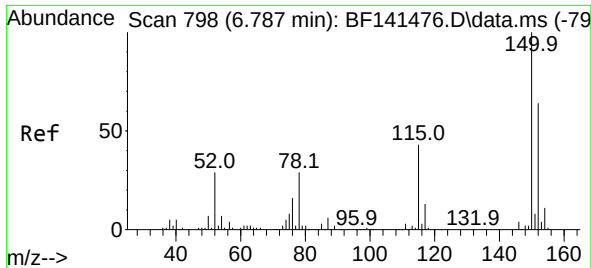
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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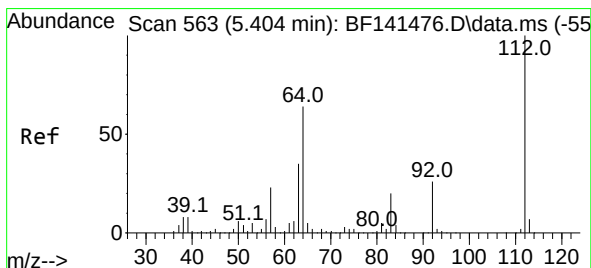
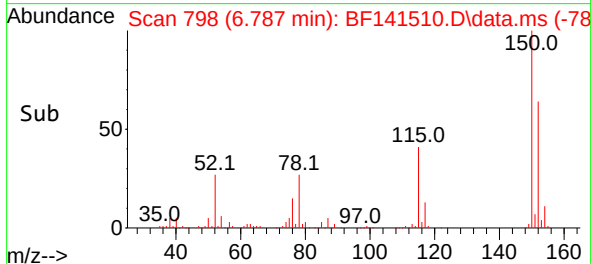
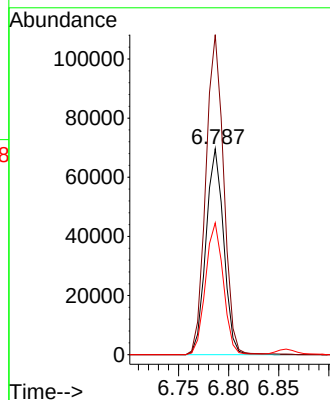
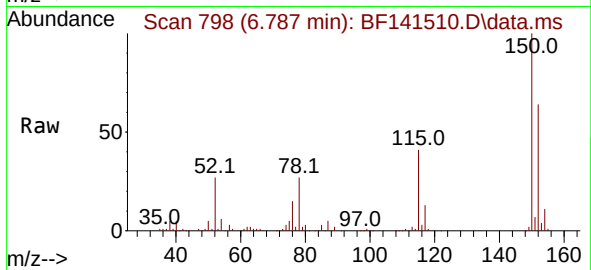




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141510.D
Acq: 07 Feb 2025 16:24

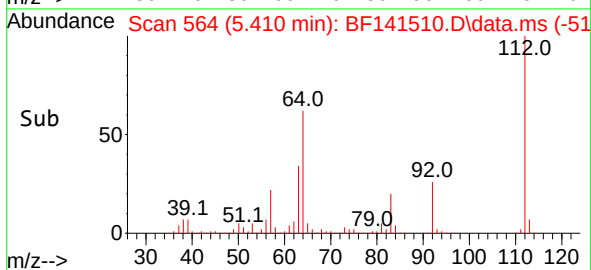
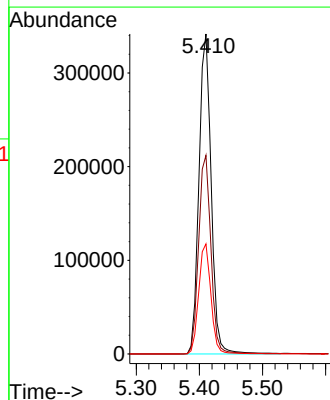
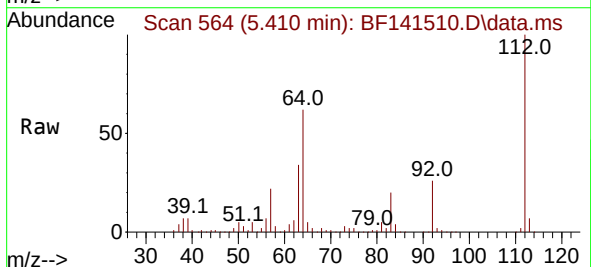
Instrument :
BNA_F
ClientSampleId :
WC-1

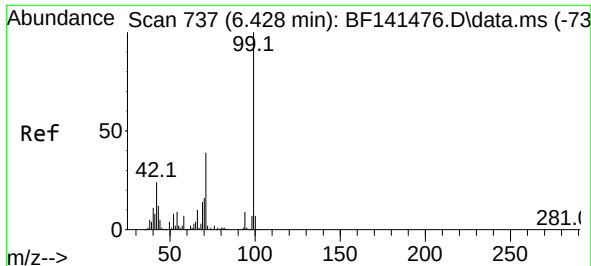
Tgt Ion:152 Resp: 85763
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.4
115 64.0 53.6 80.4



#5
2-Fluorophenol
Concen: 83.980 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141510.D
Acq: 07 Feb 2025 16:24

Tgt Ion:112 Resp: 459412
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 34.4 28.4 42.6

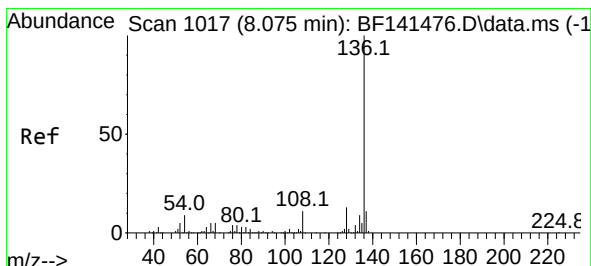
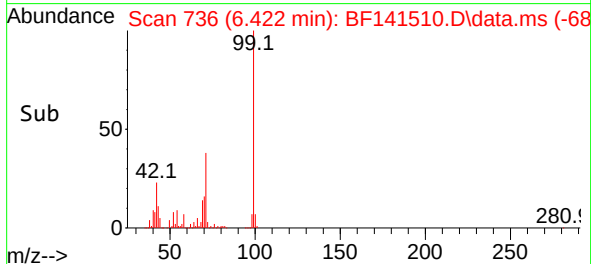
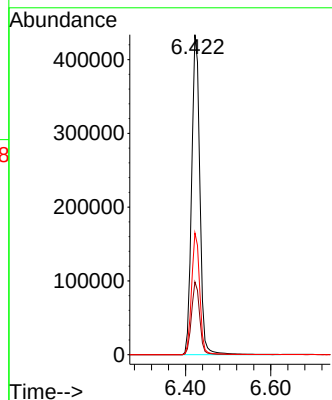
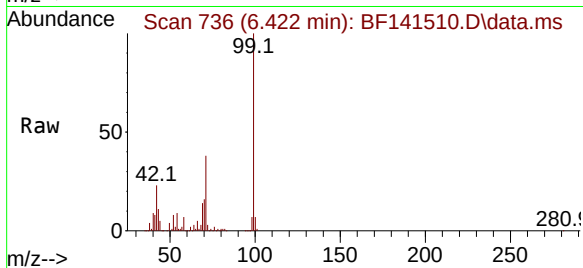




#7
Phenol-d6
Concen: 83.953 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141510.D
Acq: 07 Feb 2025 16:24

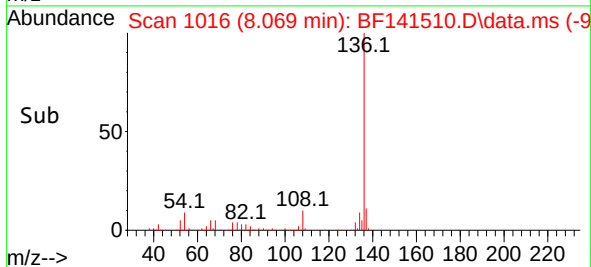
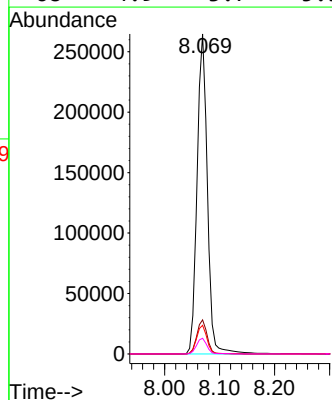
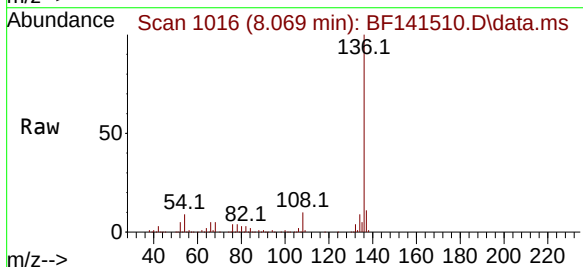
Instrument :
BNA_F
ClientSampleId :
WC-1

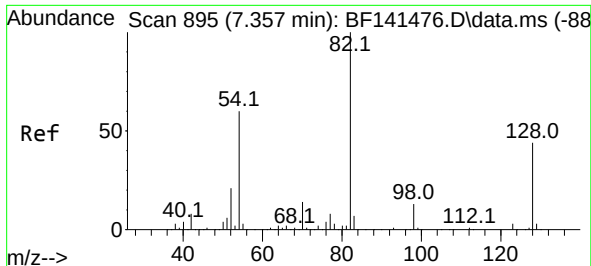
Tgt Ion: 99 Resp: 580467
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 38.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141510.D
Acq: 07 Feb 2025 16:24

Tgt Ion: 136 Resp: 344597
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.2 10.8
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 56.880 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141510.D

Acq: 07 Feb 2025 16:24

Instrument :

BNA_F

ClientSampleId :

WC-1

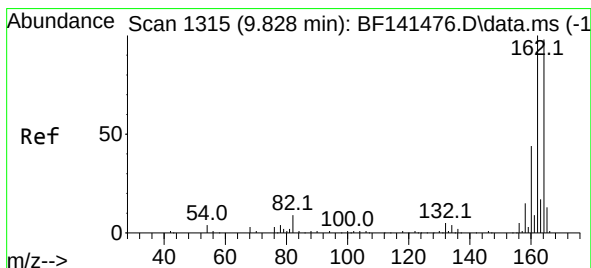
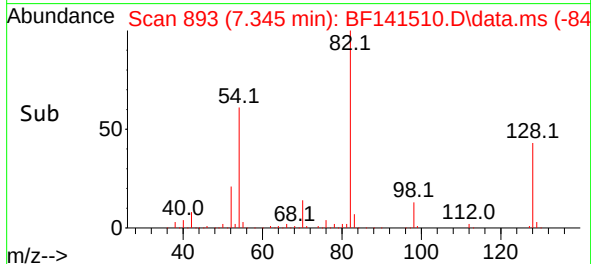
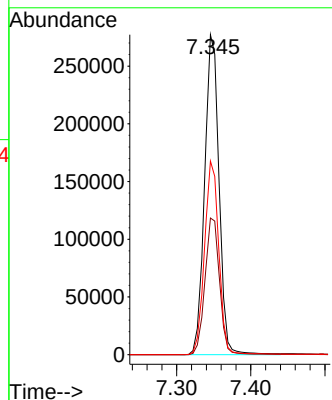
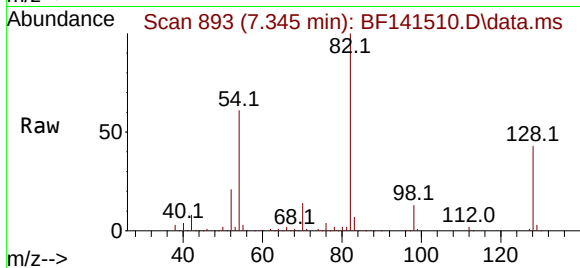
Tgt Ion: 82 Resp: 375790

Ion Ratio Lower Upper

82 100

128 42.7 34.8 52.2

54 60.5 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: BF141510.D

Acq: 07 Feb 2025 16:24

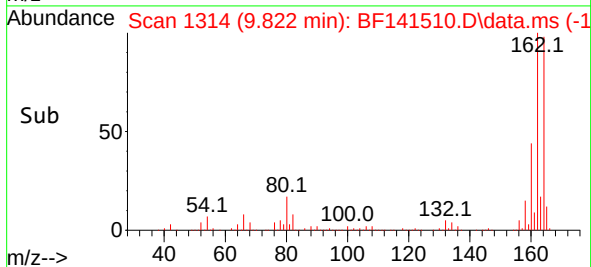
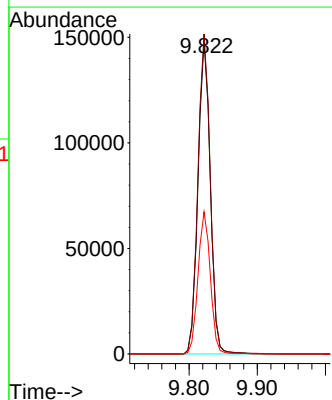
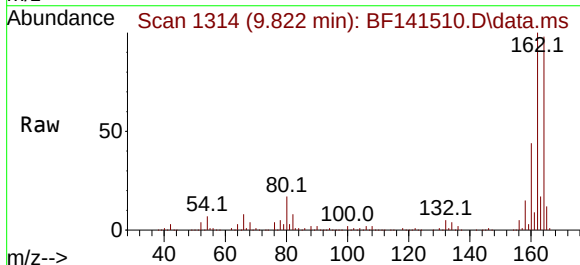
Tgt Ion:164 Resp: 185348

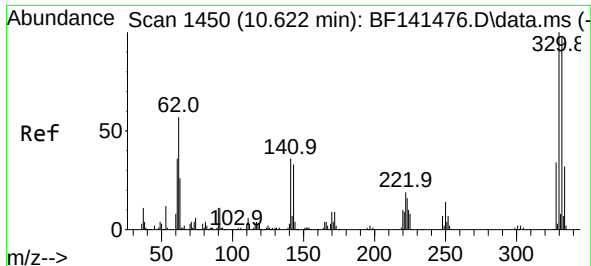
Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 80.310 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141510.D

Acq: 07 Feb 2025 16:24

Instrument :

BNA_F

ClientSampleId :

WC-1

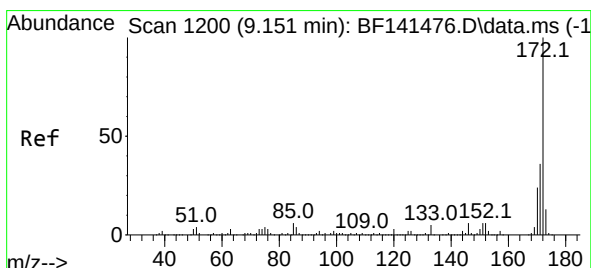
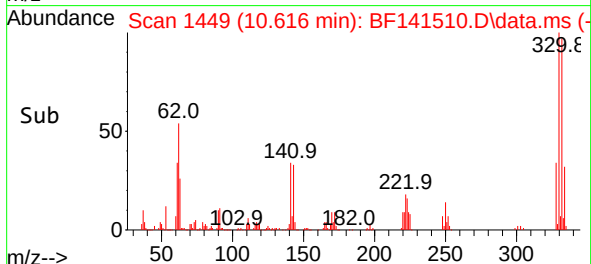
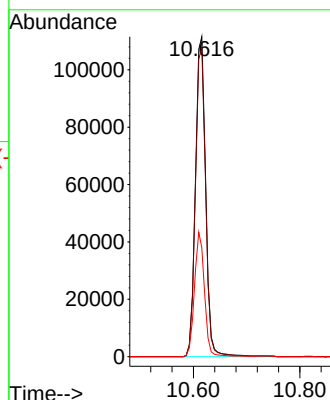
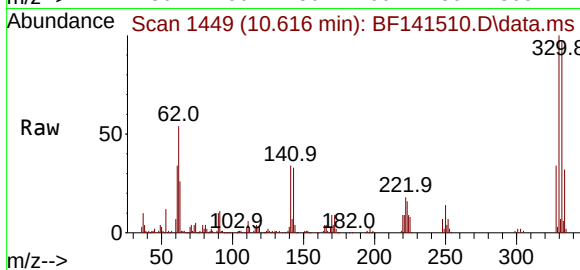
Tgt Ion:330 Resp: 149530

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 38.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 59.355 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141510.D

Acq: 07 Feb 2025 16:24

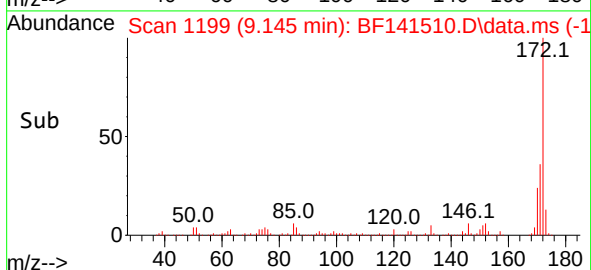
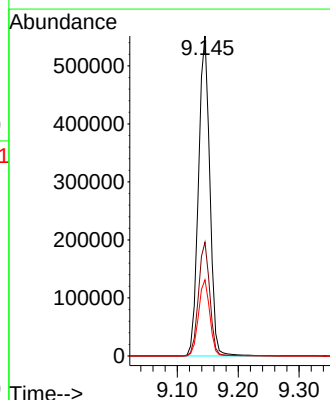
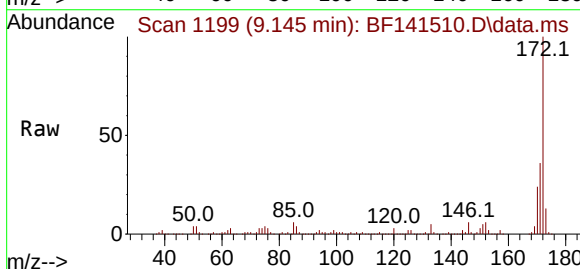
Tgt Ion:172 Resp: 714079

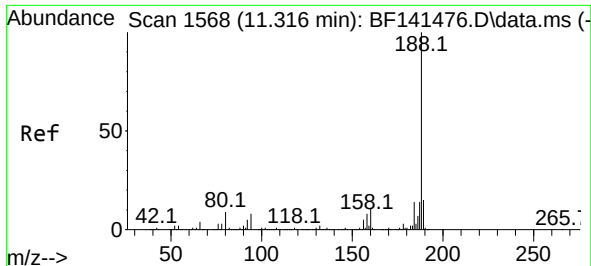
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.8 18.9 28.3

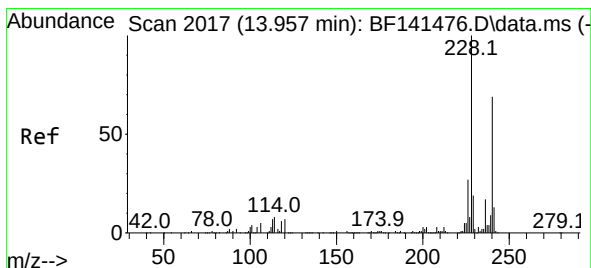
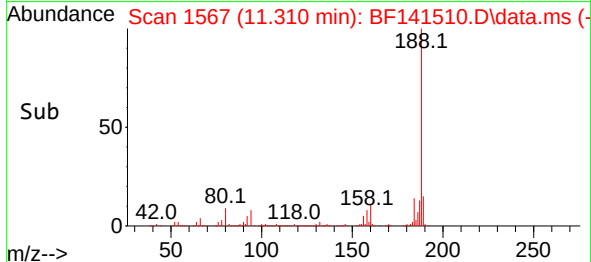
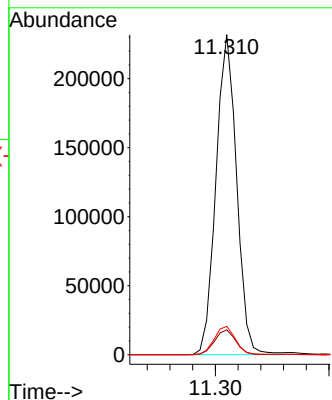
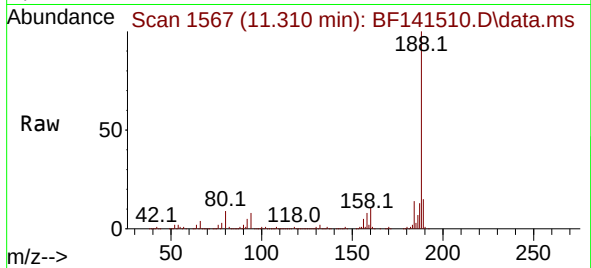




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141510.D
Acq: 07 Feb 2025 16:24

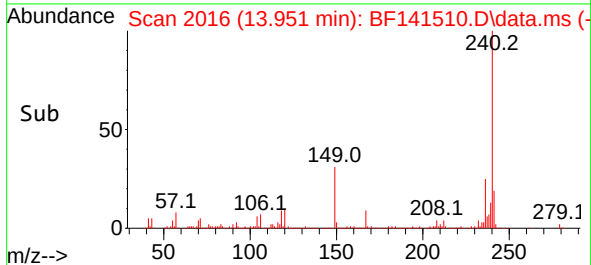
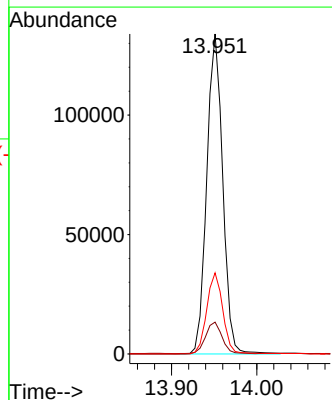
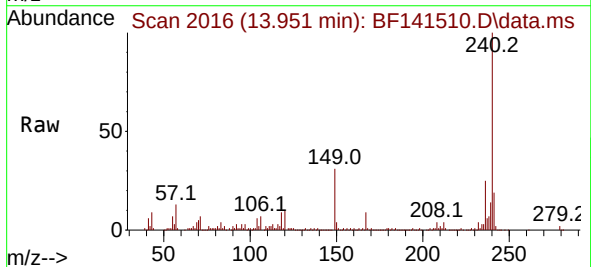
Instrument :
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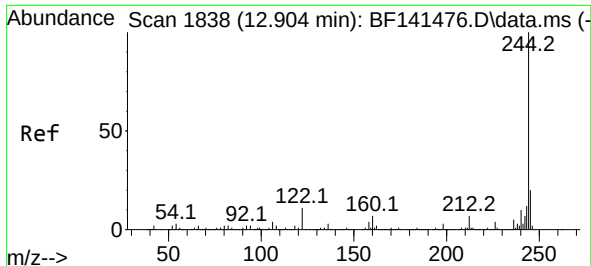
Tgt Ion:188 Resp: 292314
Ion Ratio Lower Upper
188 100
94 7.7 6.6 10.0
80 8.8 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141510.D
Acq: 07 Feb 2025 16:24

Tgt Ion:240 Resp: 174225
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.4 19.8 29.8

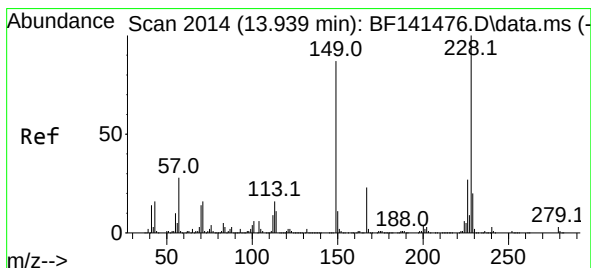
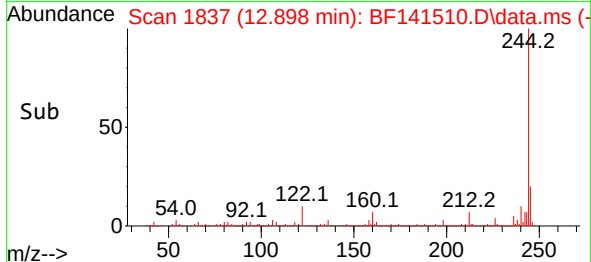
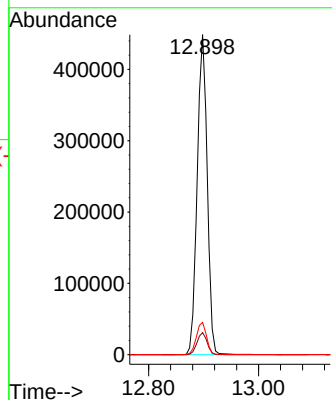
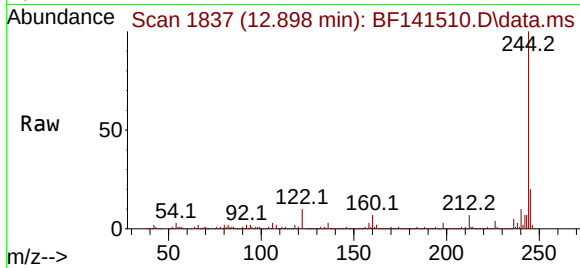




#79
 Terphenyl-d14
 Concen: 55.056 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141510.D
 Acq: 07 Feb 2025 16:24

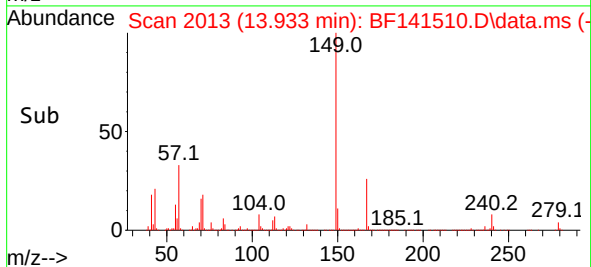
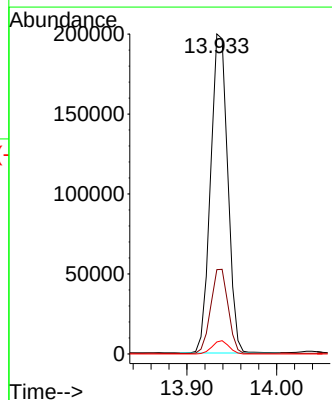
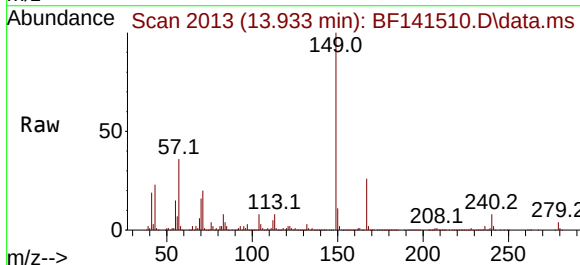
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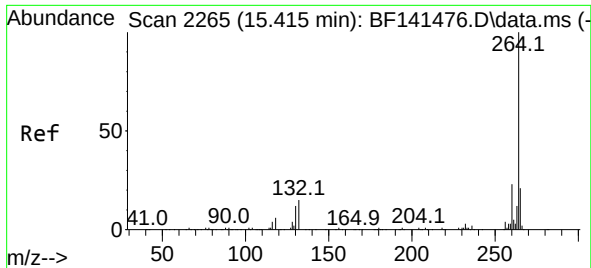
Tgt Ion:244 Resp: 568195
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.1 8.4 12.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.785 ng
 RT: 13.933 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: BF141510.D
 Acq: 07 Feb 2025 16:24

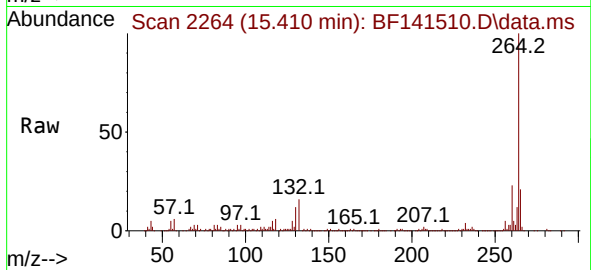
Tgt Ion:149 Resp: 265273
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.0
 279 3.8 3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141510.D
Acq: 07 Feb 2025 16:24

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:264 Resp: 188620

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	20.9	17.0	25.4

