

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141592.D
 Acq On : 12 Feb 2025 16:09
 Operator : RC/JU
 Sample : Q1343-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13

Quant Time: Feb 12 16:41:24 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	77033	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	304553	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	101127	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	249816	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	71927	20.000	ng	-0.01
86) Perylene-d12	15.415	264	2435	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	643265	130.915	ng	0.01
7) Phenol-d6	6.428	99	519172	83.597	ng	-0.01
23) Nitrobenzene-d5	7.351	82	581376	99.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	231176	227.565	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1064651	162.197	ng	0.00
79) Terphenyl-d14	12.892	244	988799	232.077	ng	-0.01

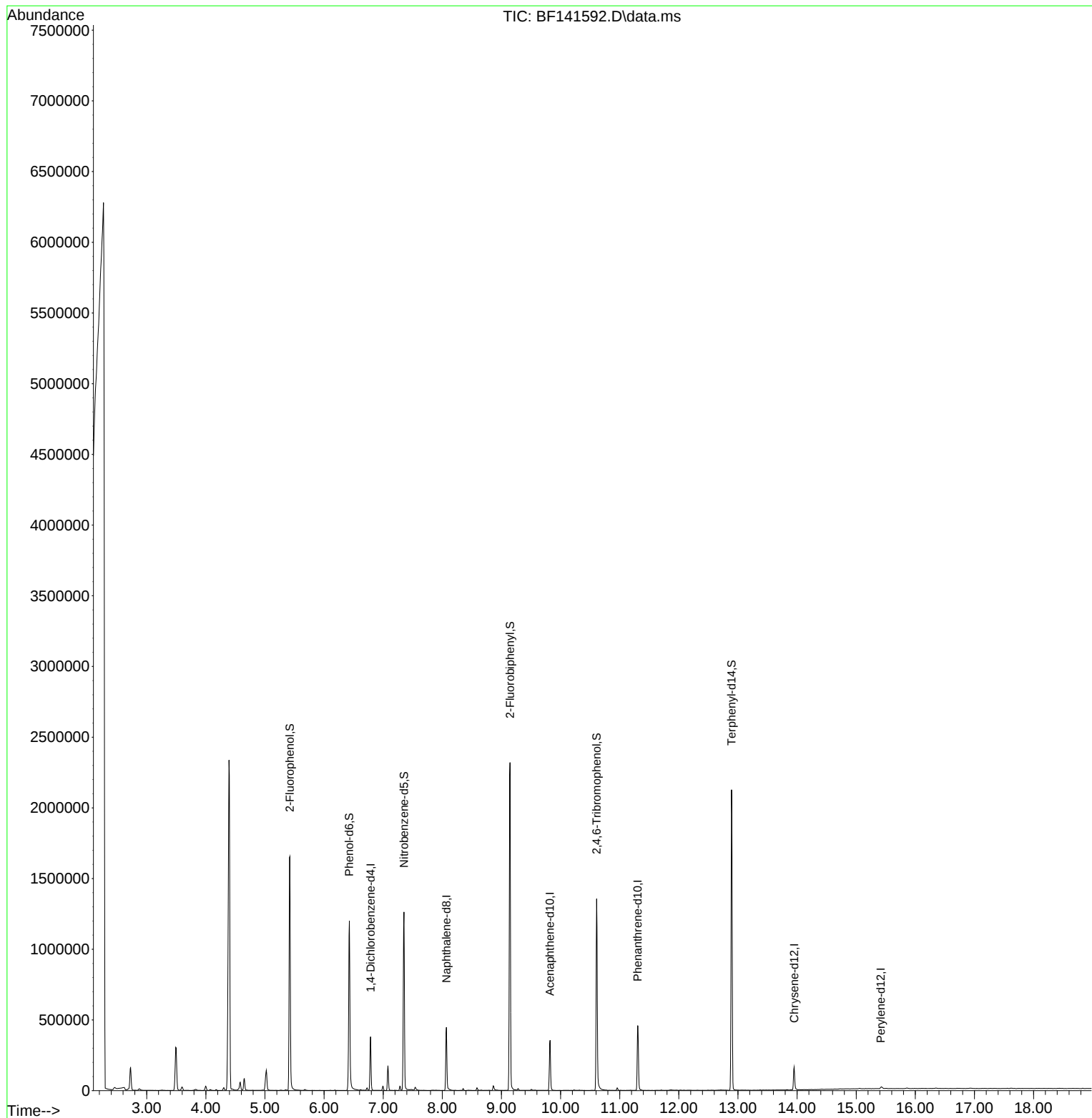
Target Compounds	Qvalue

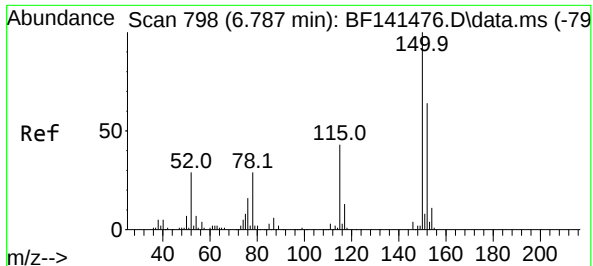
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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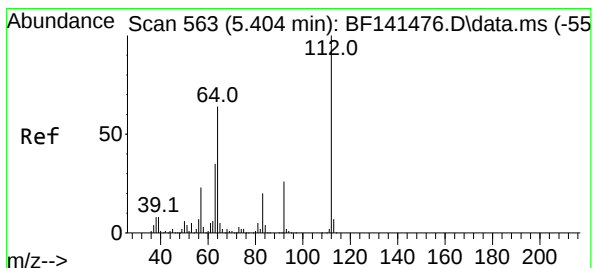
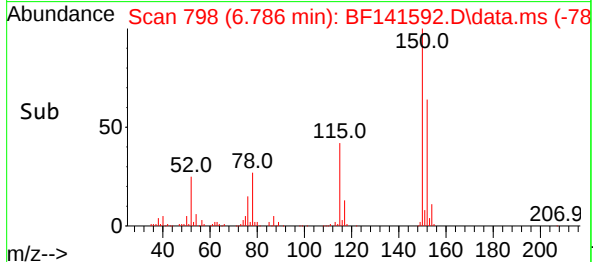
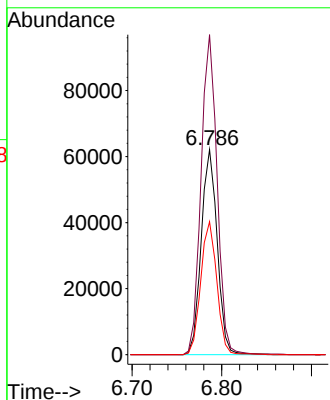
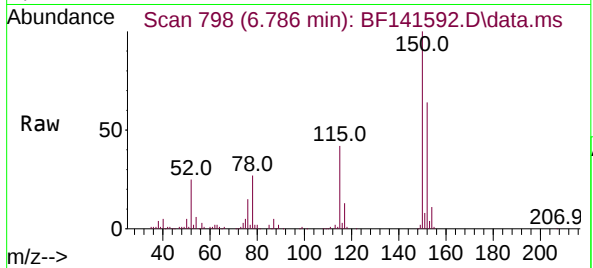




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

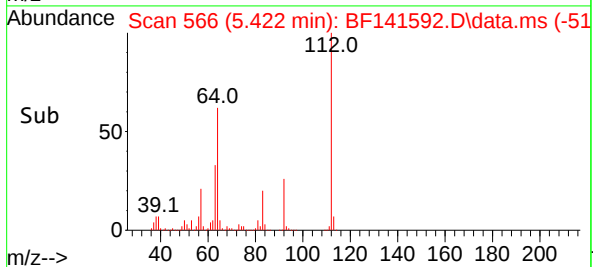
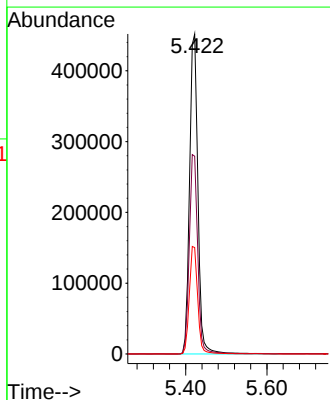
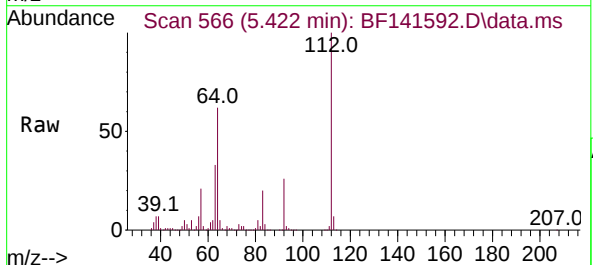
Instrument :
BNA_F
ClientSampleId :
WC-13

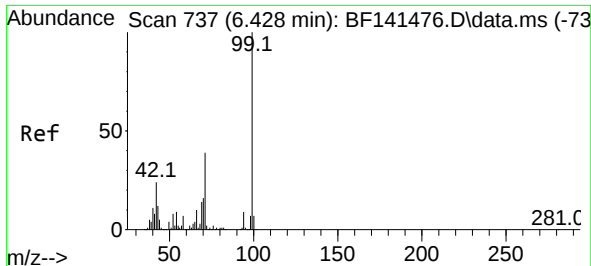
Tgt Ion:152 Resp: 77033
Ion Ratio Lower Upper
152 100
150 156.0 125.0 187.4
115 64.8 53.6 80.4



#5
2-Fluorophenol
Concen: 130.915 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

Tgt Ion:112 Resp: 643265
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 33.3 28.4 42.6

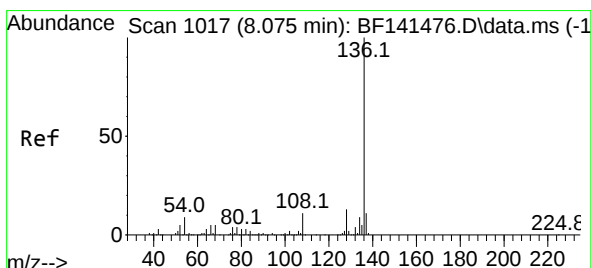
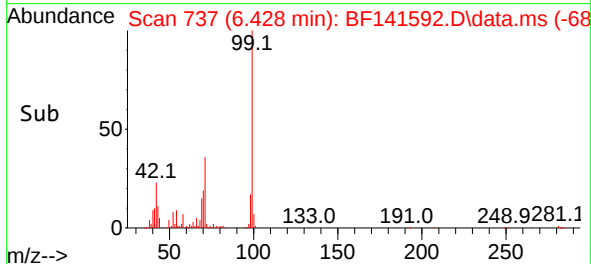
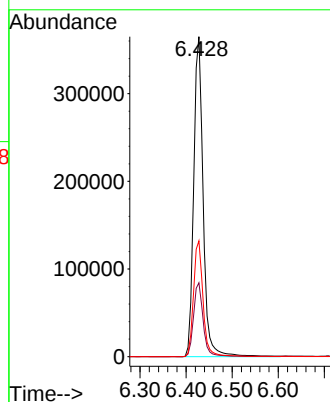
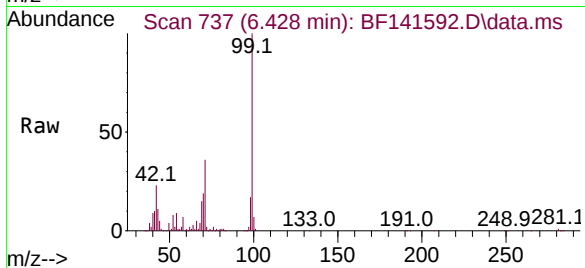




#7
Phenol-d6
Concen: 83.597 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

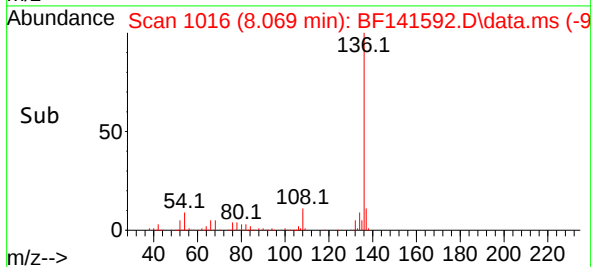
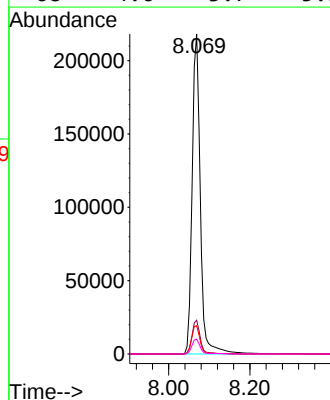
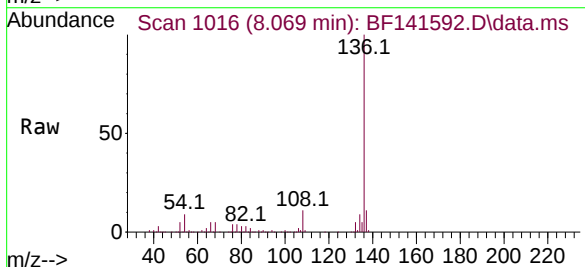
Instrument :
BNA_F
ClientSampleId :
WC-13

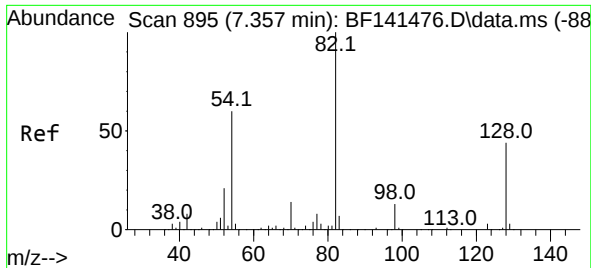
Tgt Ion: 99 Resp: 519172
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

Tgt Ion: 136 Resp: 304553
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 7.2 10.8
68 4.6 3.7 5.5

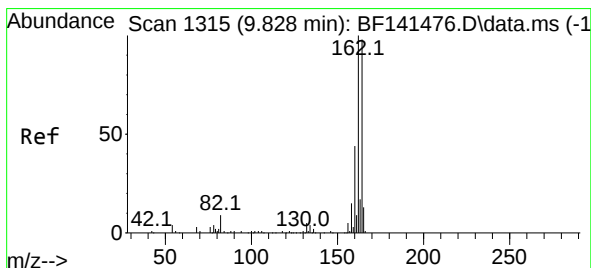
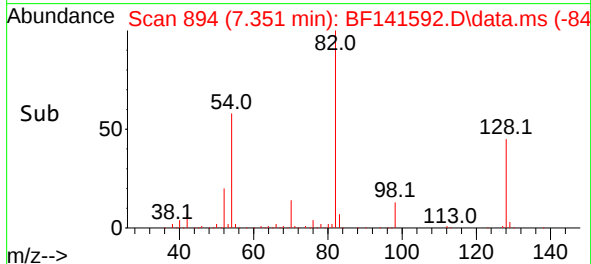
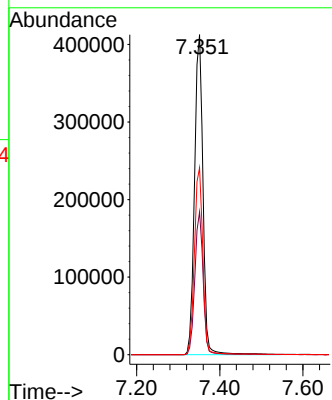
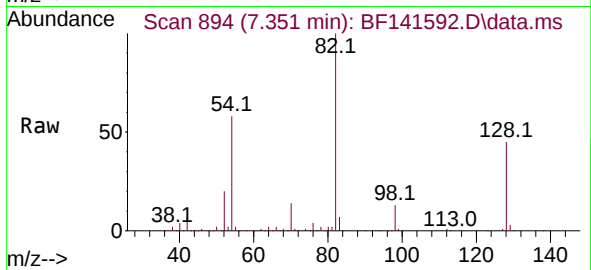




#23
Nitrobenzene-d5
Concen: 99.567 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

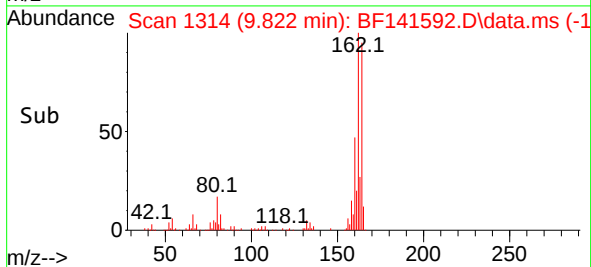
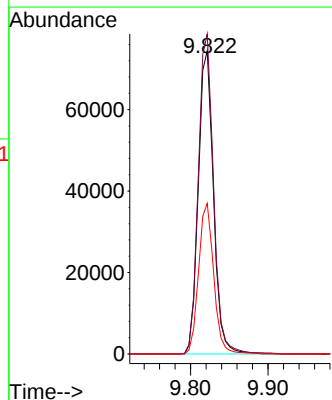
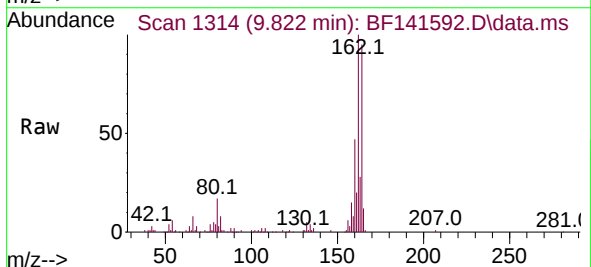
Instrument :
BNA_F
ClientSampleId :
WC-13

Tgt Ion: 82 Resp: 581376
Ion Ratio Lower Upper
82 100
128 44.6 34.8 52.2
54 58.4 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: BF141592.D
Acq: 12 Feb 2025 16:09

Tgt Ion:164 Resp: 101127
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 49.7 35.9 53.9

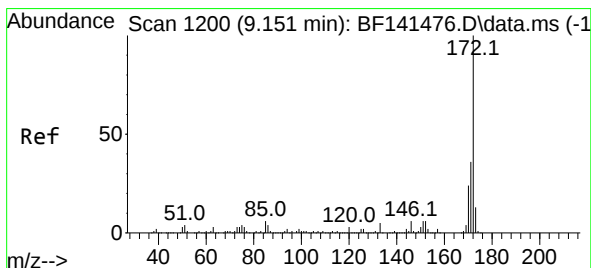
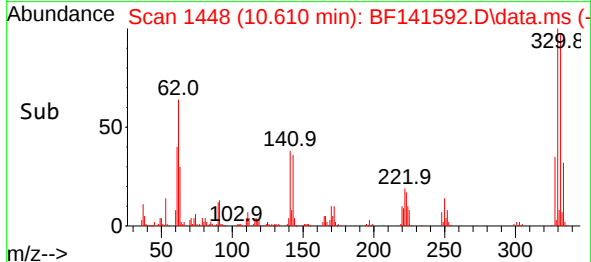
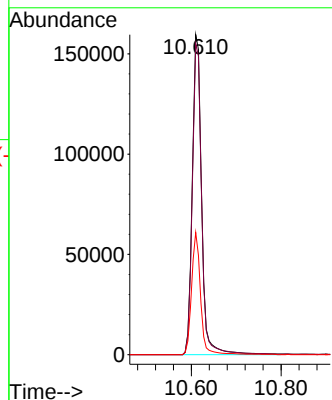
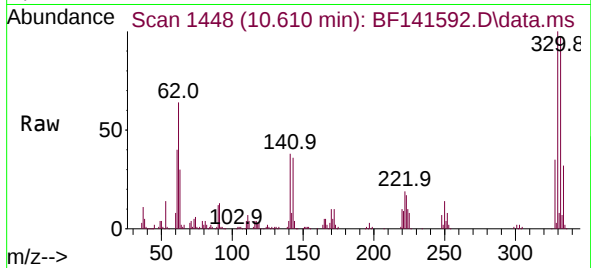




#42
2,4,6-Tribromophenol
Concen: 227.565 ng
RT: 10.610 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

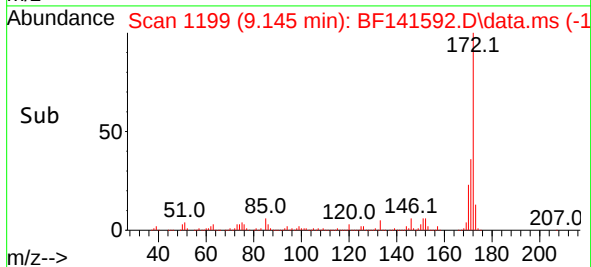
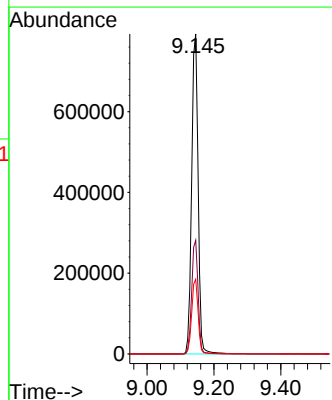
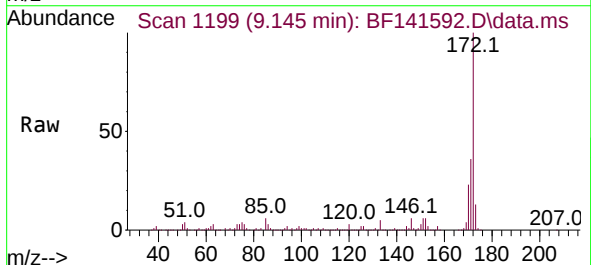
Instrument :
BNA_F
ClientSampleId :
WC-13

Tgt Ion:330 Resp: 231176
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 36.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 162.197 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

Tgt Ion:172 Resp: 1064651
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.4 18.9 28.3

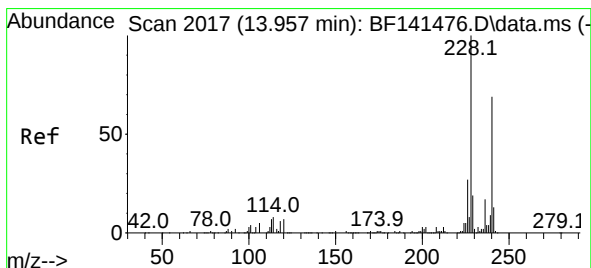
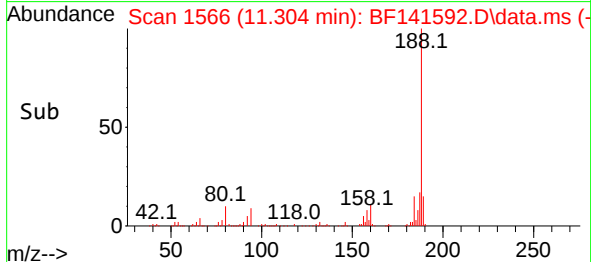
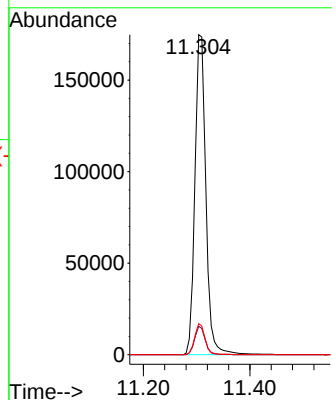
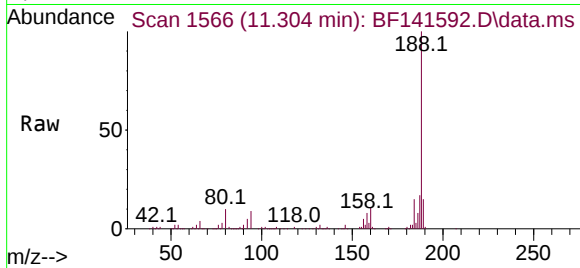




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

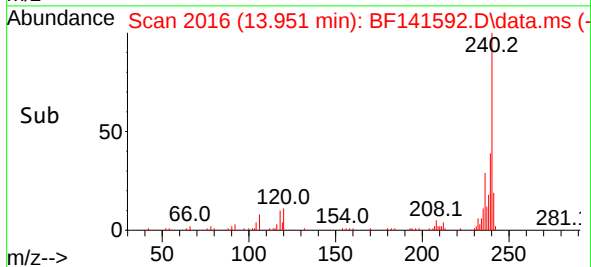
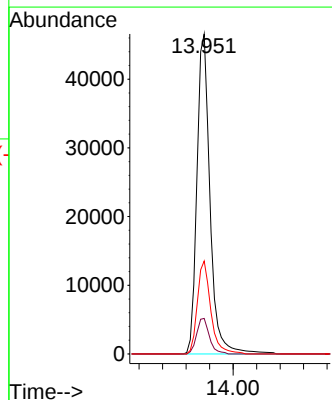
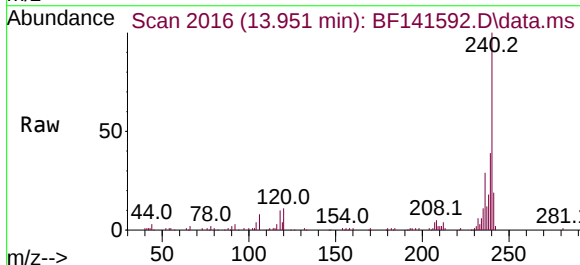
Instrument :
BNA_F
ClientSampleId :
WC-13

Tgt Ion:188 Resp: 249816
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.7 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: BF141592.D
Acq: 12 Feb 2025 16:09

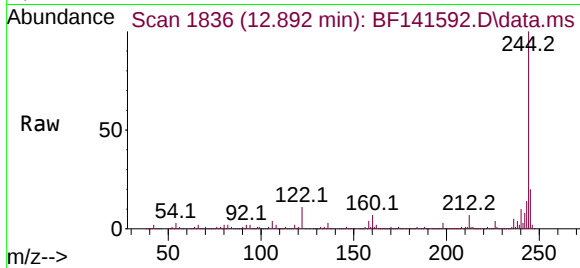
Tgt Ion:240 Resp: 71927
Ion Ratio Lower Upper
240 100
120 11.1 8.0 12.0
236 29.1 19.8 29.8



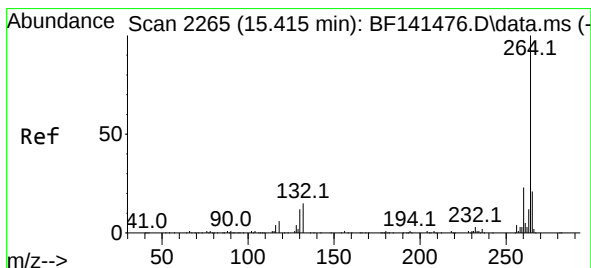
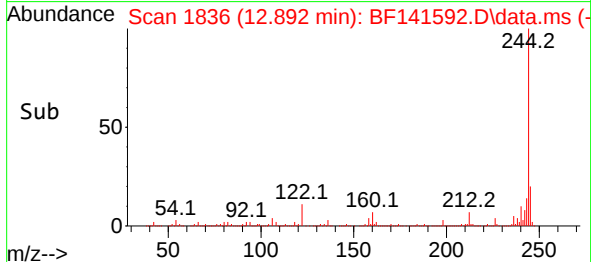
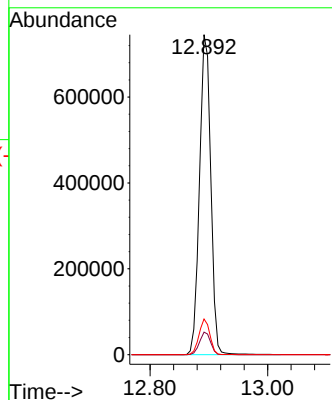


#79
 Terphenyl-d14
 Concen: 232.077 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141592.D
 Acq: 12 Feb 2025 16:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-13



Tgt Ion:244 Resp: 988799
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BF141592.D
 Acq: 12 Feb 2025 16:09

Tgt Ion:264 Resp: 2435
 Ion Ratio Lower Upper
 264 100
 260 62.1 18.6 28.0#
 265 20.7 17.0 25.4

