

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141587.D
 Acq On : 12 Feb 2025 13:58
 Operator : RC/JU
 Sample : Q1343-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9

Quant Time: Feb 12 18:17:26 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	83025	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	332947	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	177369	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	303140	20.000	ng	0.00
76) Chrysene-d12	13.951	240	182173	20.000	ng	-0.01
86) Perylene-d12	15.415	264	164589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	762709	144.021	ng	0.01
7) Phenol-d6	6.428	99	913689	136.504	ng	-0.01
23) Nitrobenzene-d5	7.351	82	622631	97.539	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	265980	149.280	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1163417	101.055	ng	0.00
79) Terphenyl-d14	12.898	244	1254834	116.284	ng	0.00

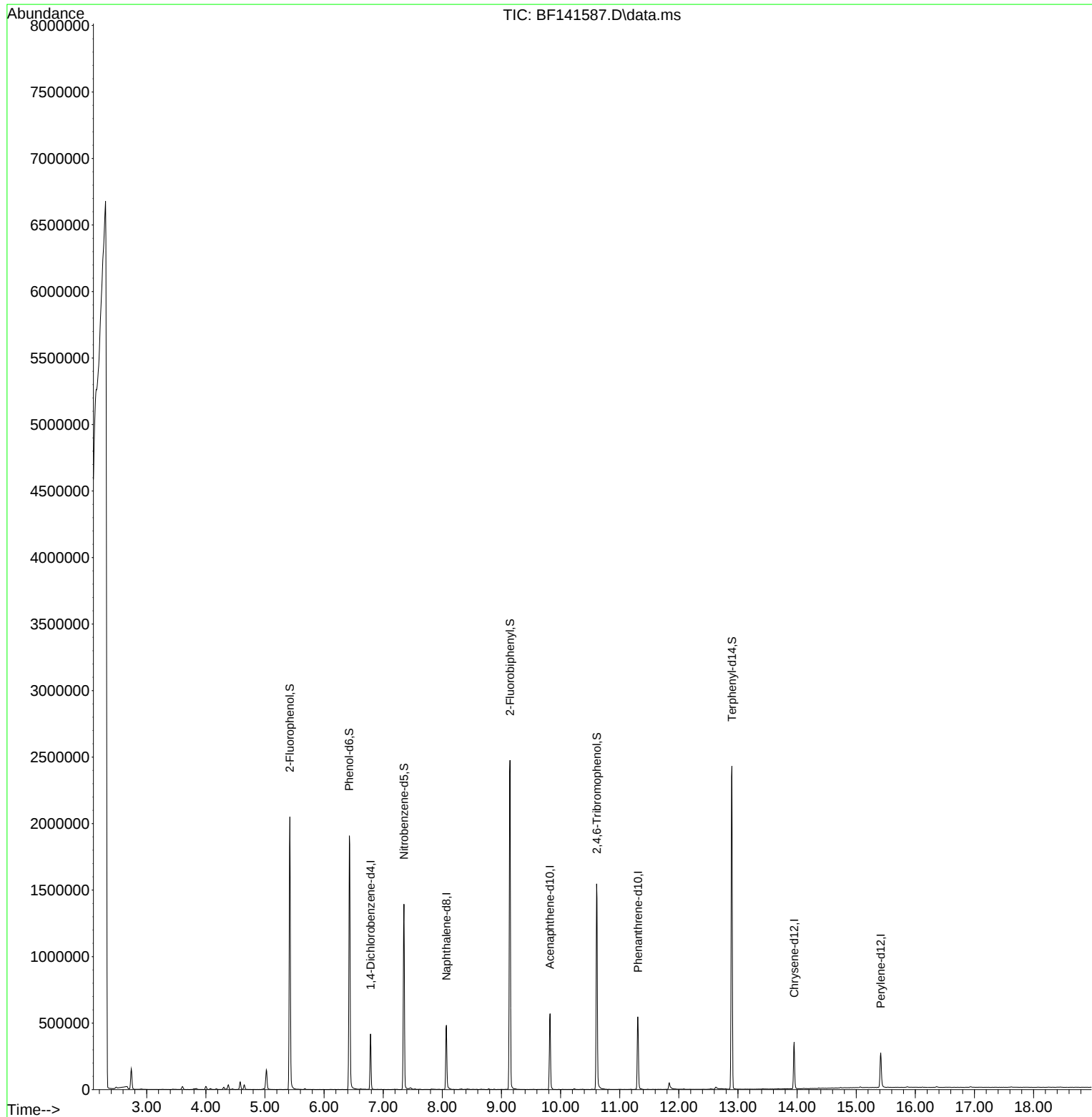
Target Compounds	Qvalue

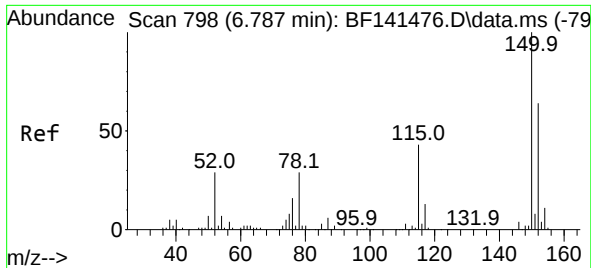
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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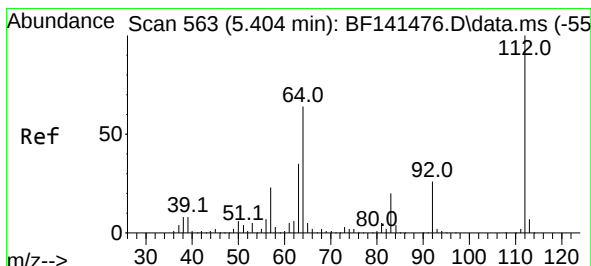
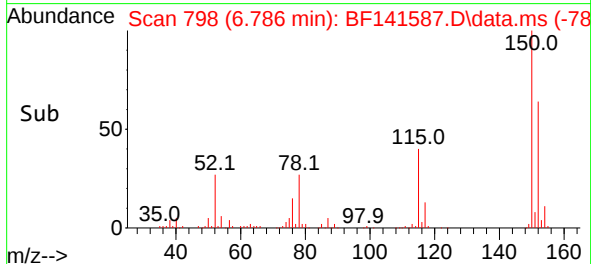
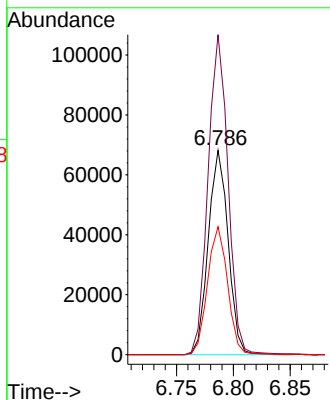
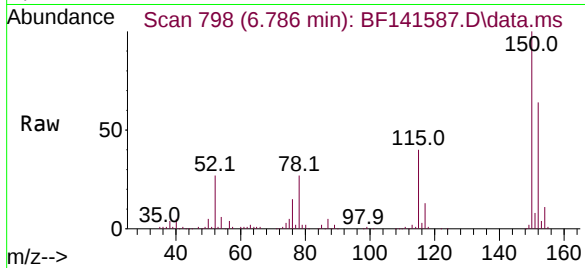




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF141587.D
 Acq: 12 Feb 2025 13:58

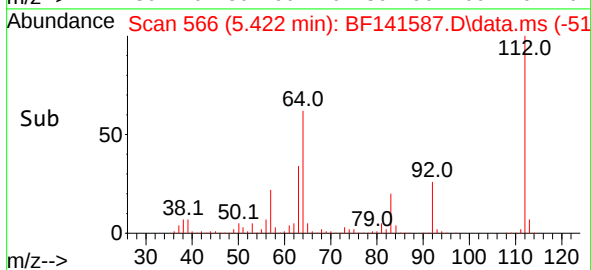
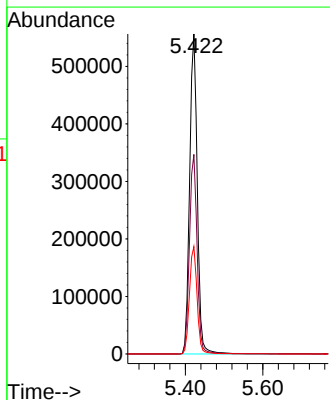
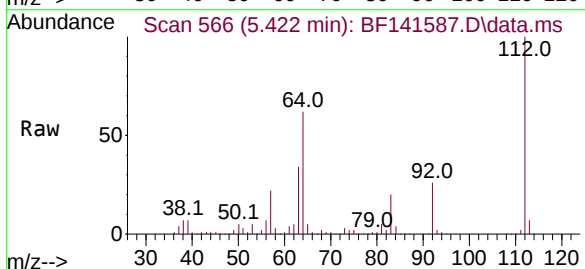
Instrument :
 BNA_F
 ClientSampleId :
 WC-9

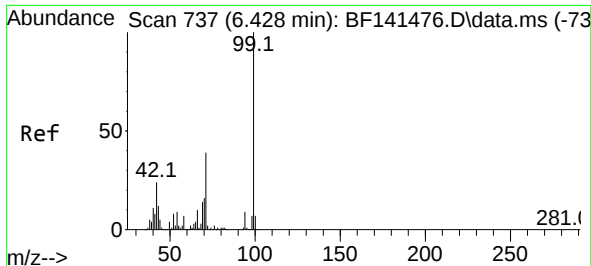
Tgt Ion:152 Resp: 83025
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.0 187.4
 115 62.6 53.6 80.4



#5
 2-Fluorophenol
 Concen: 144.021 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141587.D
 Acq: 12 Feb 2025 13:58

Tgt Ion:112 Resp: 762709
 Ion Ratio Lower Upper
 112 100
 64 62.3 51.1 76.7
 63 33.6 28.4 42.6





#7
Phenol-d6
Concen: 136.504 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141587.D
Acq: 12 Feb 2025 13:58

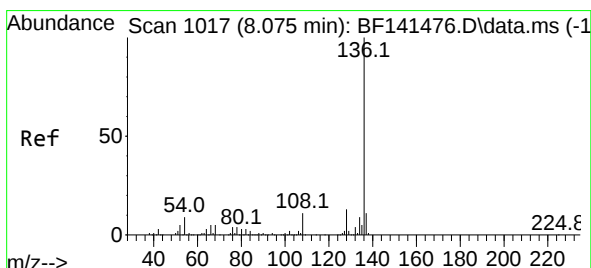
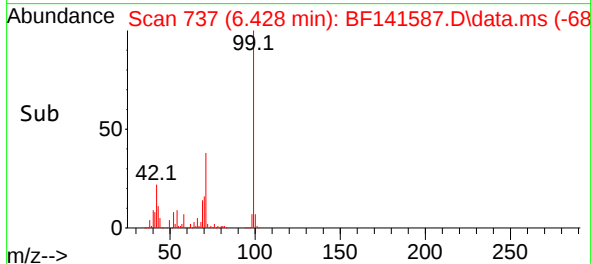
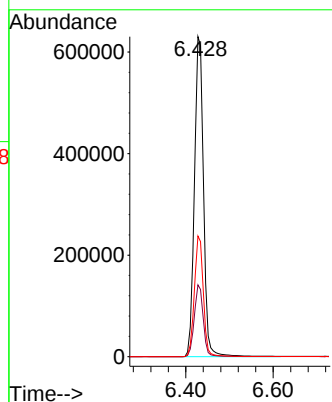
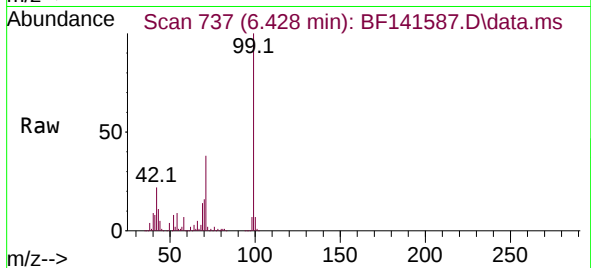
Instrument :

BNA_F

ClientSampleId :

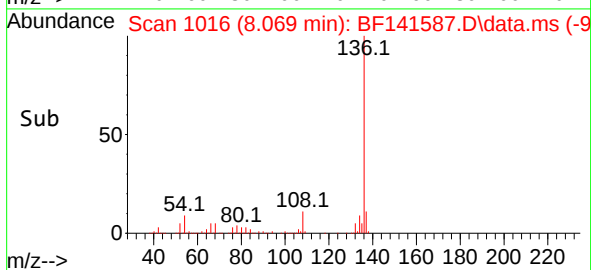
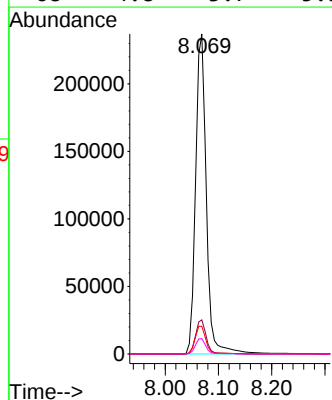
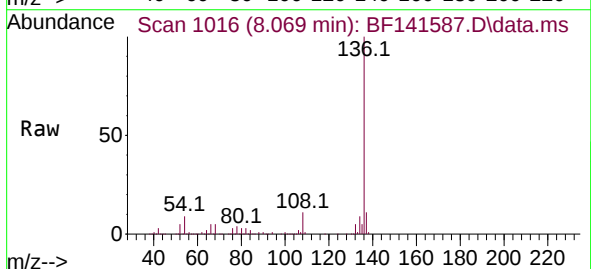
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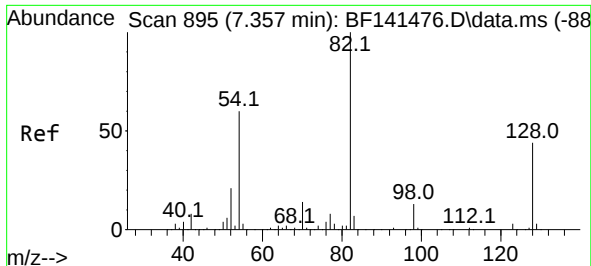
Tgt Ion: 99 Resp: 913689
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141587.D
Acq: 12 Feb 2025 13:58

Tgt Ion:136 Resp: 332947
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.7 7.2 10.8
68 4.8 3.7 5.5

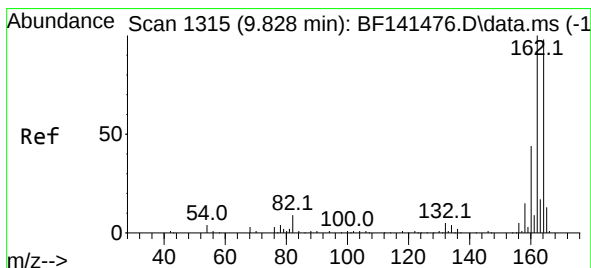
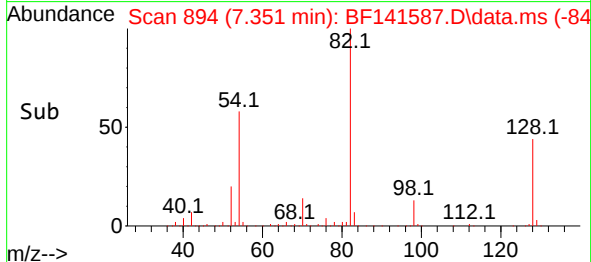
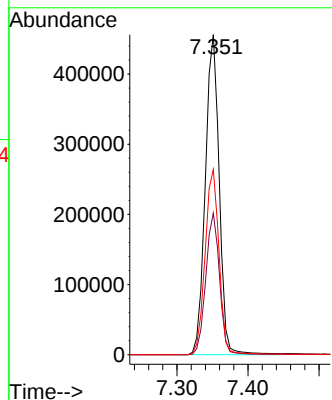
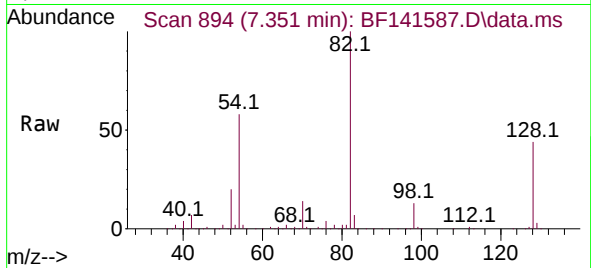




#23
Nitrobenzene-d5
Concen: 97.539 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141587.D
Acq: 12 Feb 2025 13:58

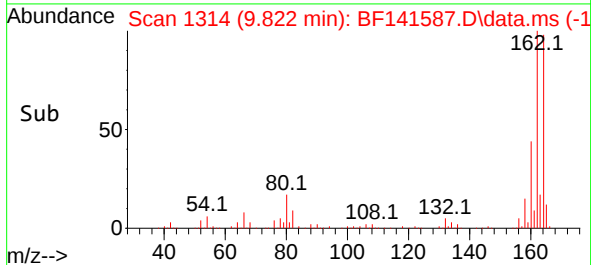
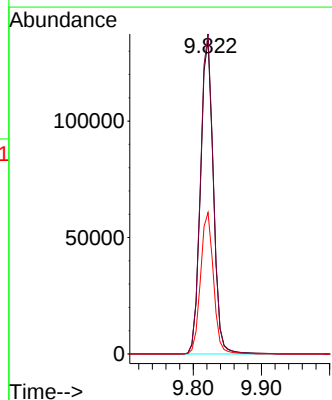
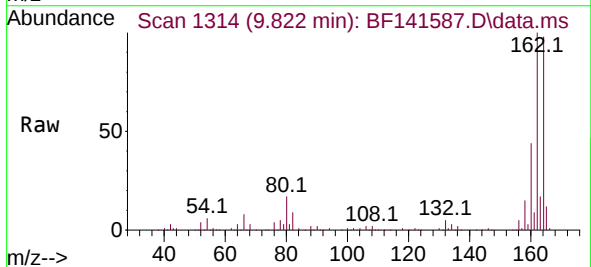
Instrument :
BNA_F
ClientSampleId :
WC-9

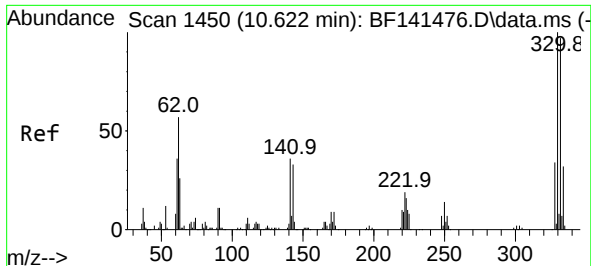
Tgt Ion: 82 Resp: 622631
Ion Ratio Lower Upper
82 100
128 44.2 34.8 52.2
54 57.8 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141587.D
Acq: 12 Feb 2025 13:58

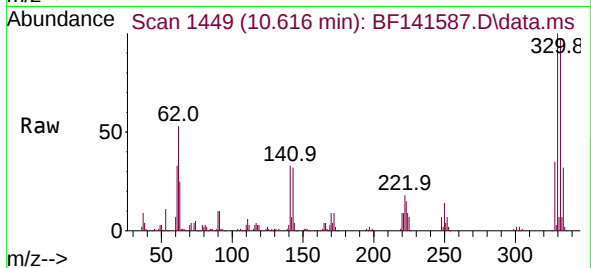
Tgt Ion:164 Resp: 177369
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.1 35.9 53.9



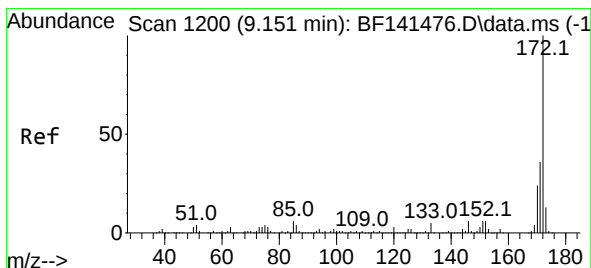
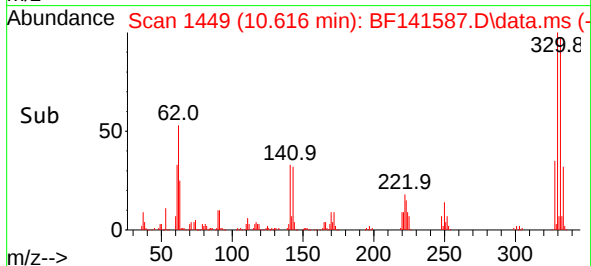
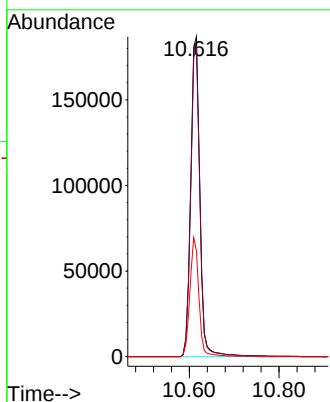


#42
2,4,6-Tribromophenol
Concen: 149.280 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141587.D
Acq: 12 Feb 2025 13:58

Instrument :
BNA_F
ClientSampleId :
WC-9

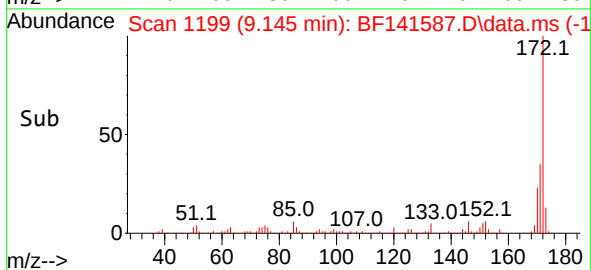
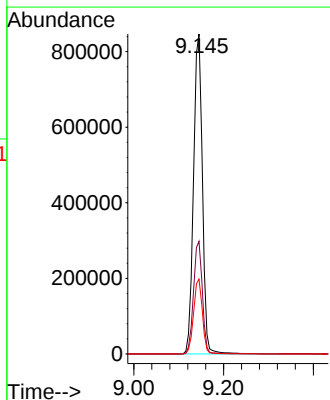
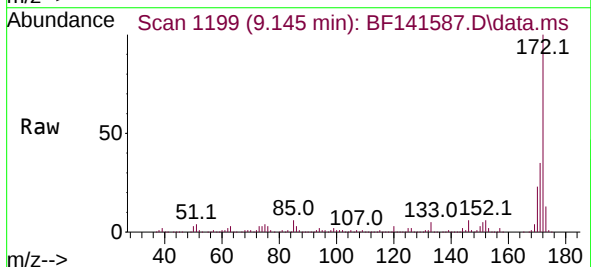


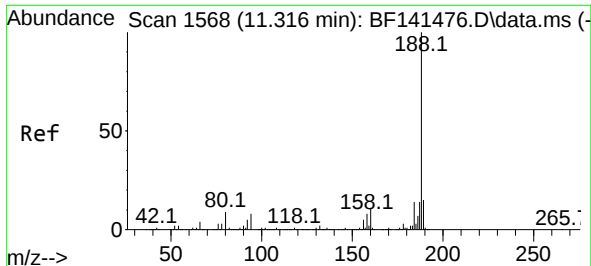
Tgt Ion:330 Resp: 265980
Ion Ratio Lower Upper
330 100
332 96.3 78.5 117.7
141 36.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 101.055 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141587.D
Acq: 12 Feb 2025 13:58

Tgt Ion:172 Resp: 1163417
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.4 18.9 28.3

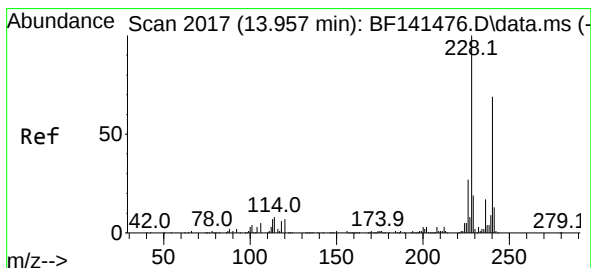
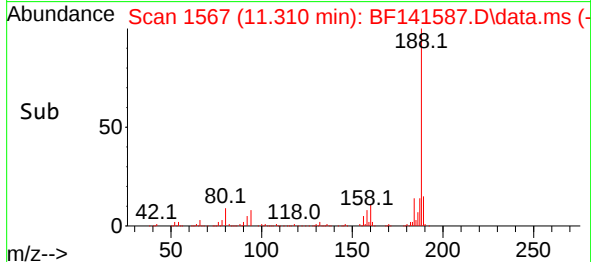
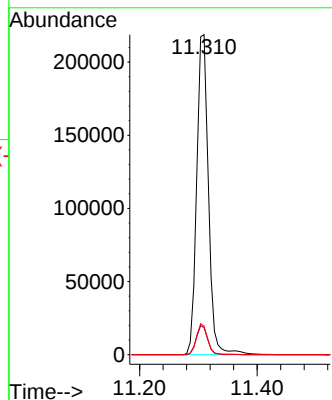
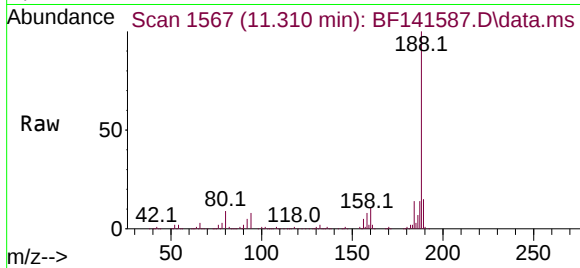




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141587.D
Acq: 12 Feb 2025 13:58

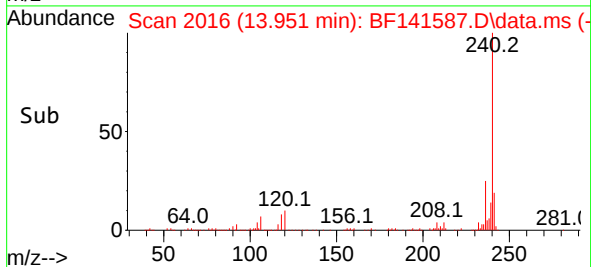
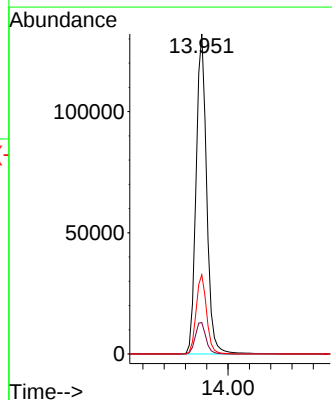
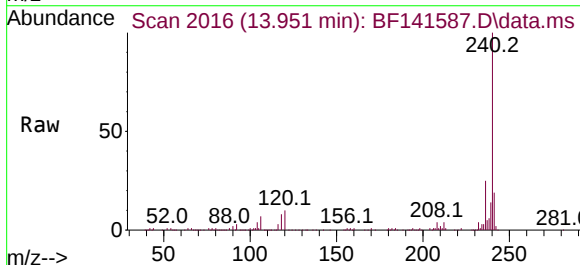
Instrument :
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ClientSampleId :
WC-9

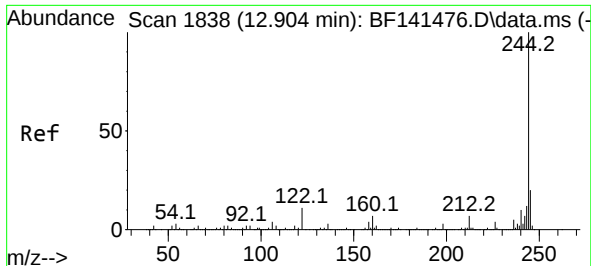
Tgt Ion:188 Resp: 303140
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141587.D
Acq: 12 Feb 2025 13:58

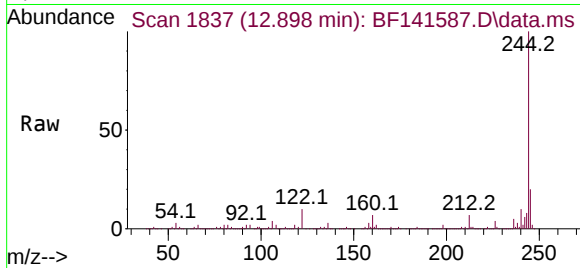
Tgt Ion:240 Resp: 182173
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 24.7 19.8 29.8



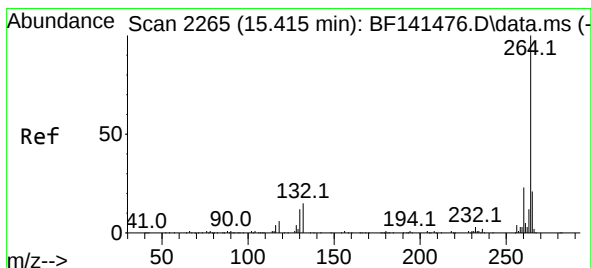
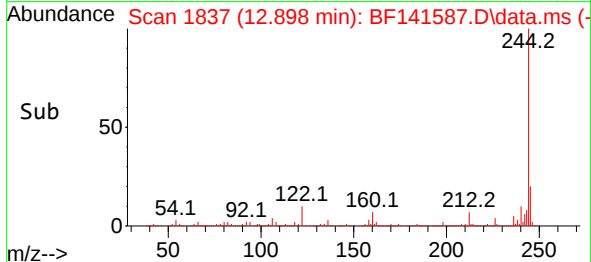
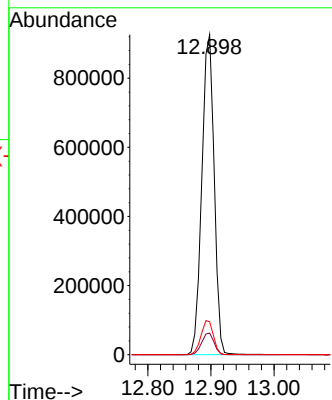


#79
 Terphenyl-d14
 Concen: 116.284 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141587.D
 Acq: 12 Feb 2025 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-9



Tgt Ion:244 Resp: 1254834
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.3 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: BF141587.D
 Acq: 12 Feb 2025 13:58

Tgt Ion:264 Resp: 164589
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.5 17.0 25.4

