

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141487.D
 Acq On : 06 Feb 2025 18:27
 Operator : RC/JU
 Sample : Q1309-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Feb 07 01:53:04 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	96906	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	396179	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	217161	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	377263	20.000	ng	0.00
76) Chrysene-d12	13.951	240	268568	20.000	ng	-0.01
86) Perylene-d12	15.404	264	210548	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	494348	79.976	ng	0.00
7) Phenol-d6	6.422	99	623780	79.843	ng	-0.02
23) Nitrobenzene-d5	7.346	82	418480	55.094	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	180473	82.730	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	804885	57.102	ng	0.00
79) Terphenyl-d14	12.898	244	942970	59.273	ng	0.00

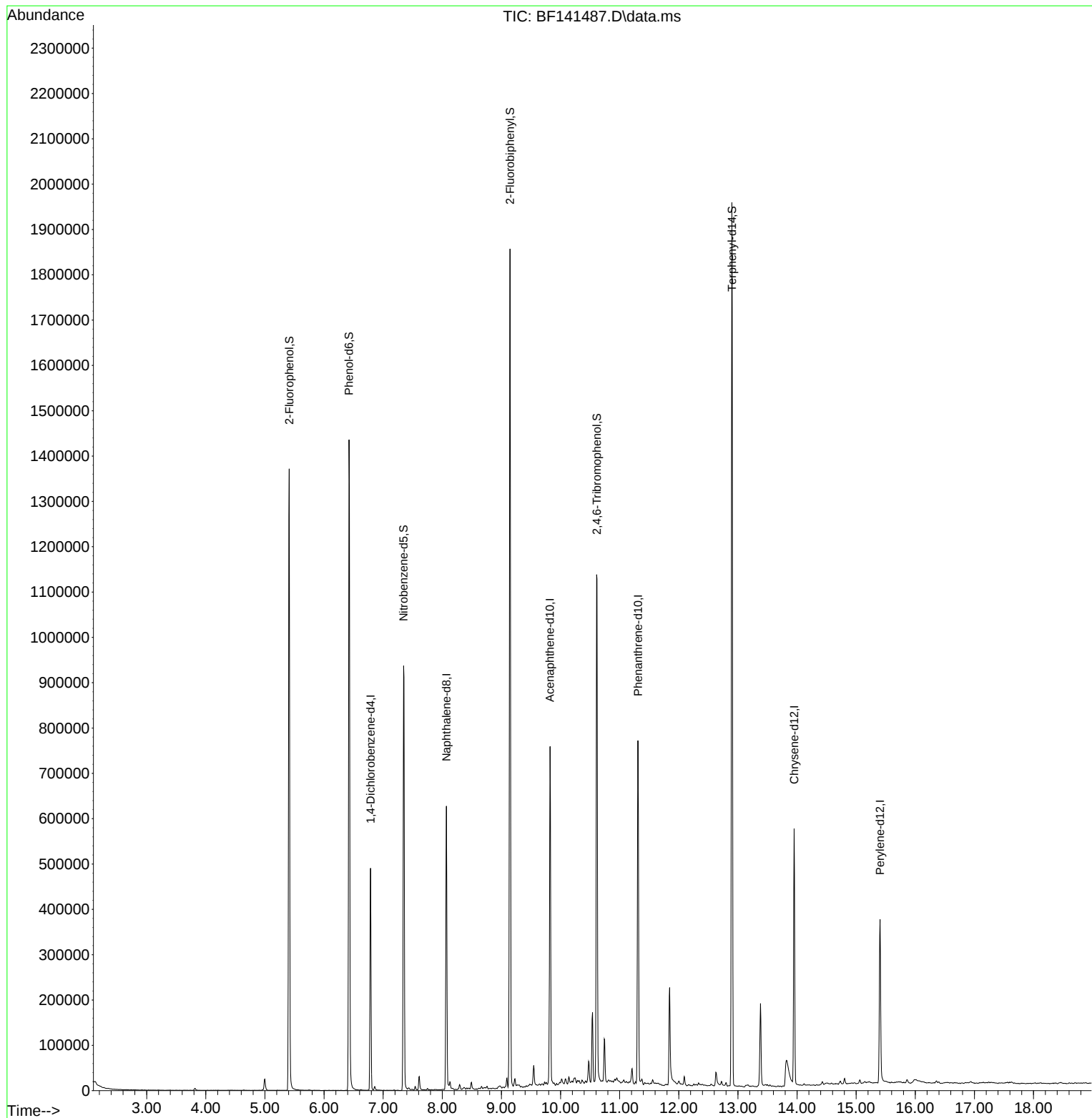
Target Compounds	Qvalue

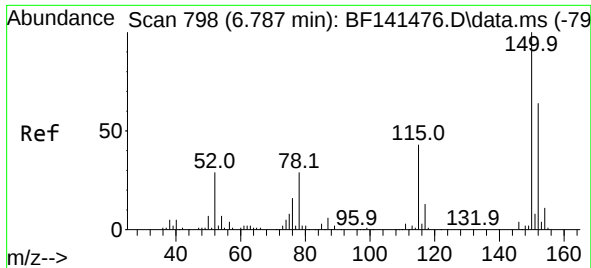
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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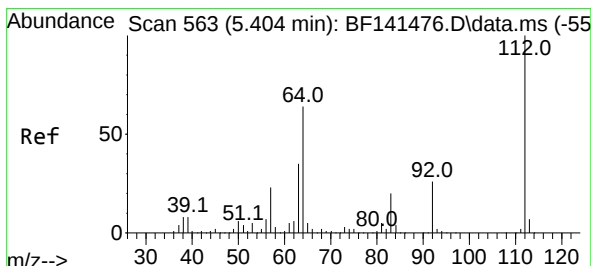
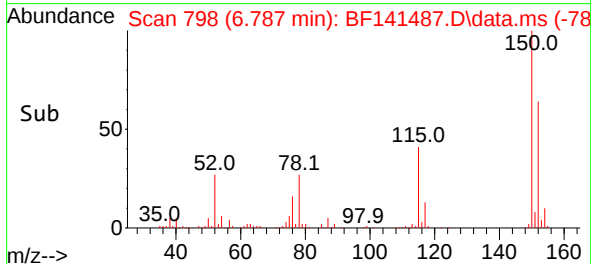
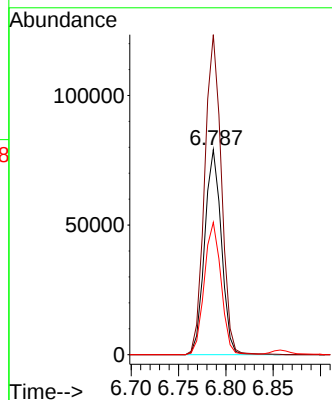
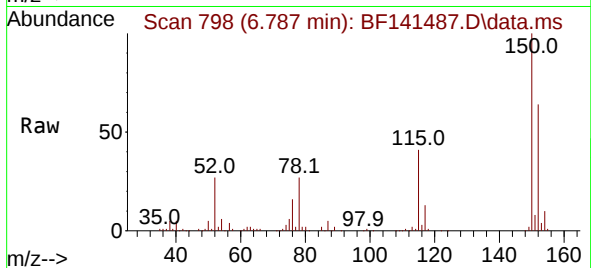




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141487.D
Acq: 06 Feb 2025 18:27

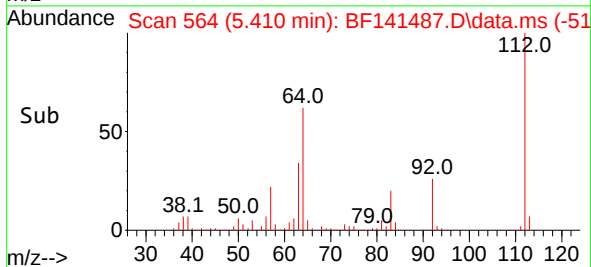
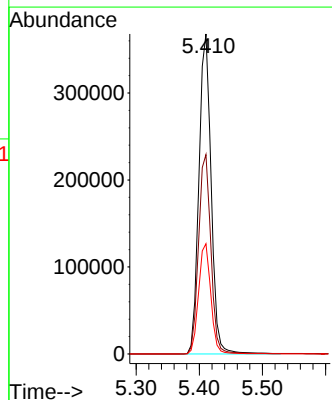
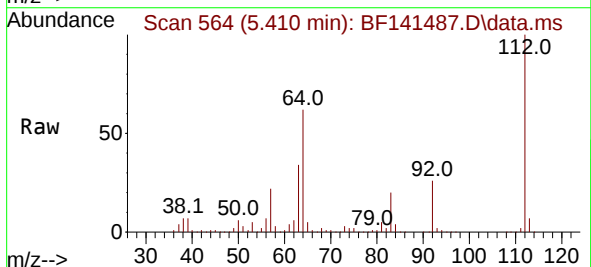
Instrument :
BNA_F
ClientSampleId :
WC-3

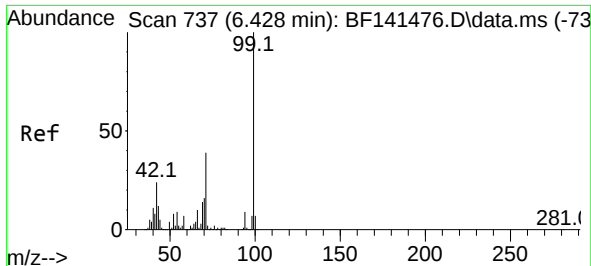
Tgt Ion:152 Resp: 96906
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 64.6 53.6 80.4



#5
2-Fluorophenol
Concen: 79.976 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141487.D
Acq: 06 Feb 2025 18:27

Tgt Ion:112 Resp: 494348
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 34.4 28.4 42.6

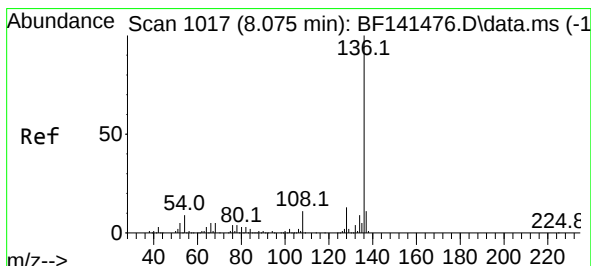
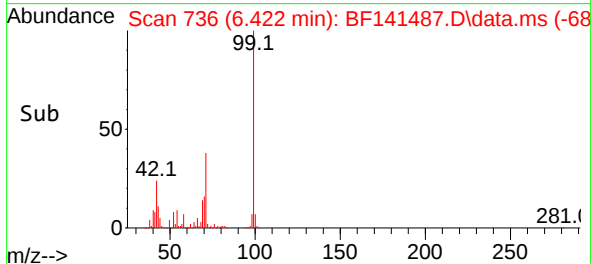
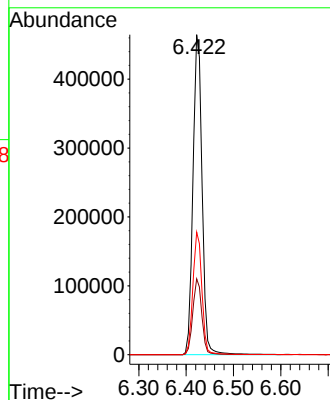
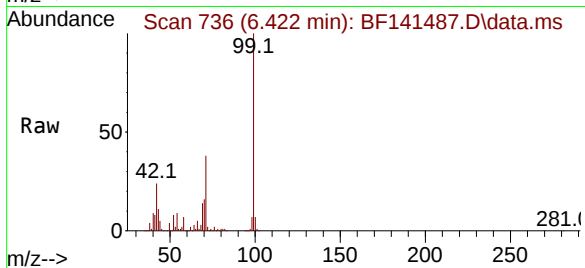




#7
Phenol-d6
Concen: 79.843 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141487.D
Acq: 06 Feb 2025 18:27

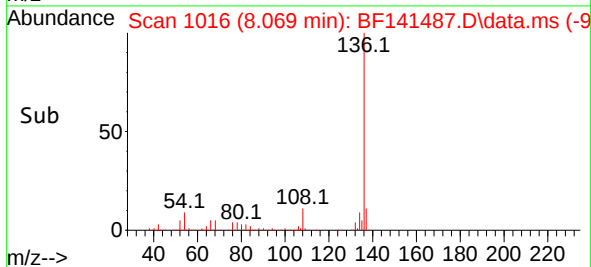
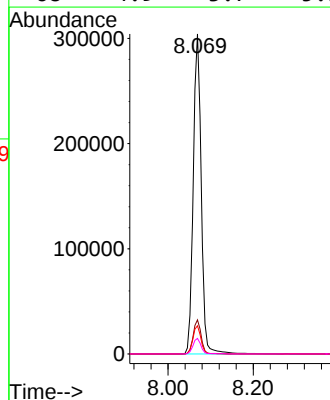
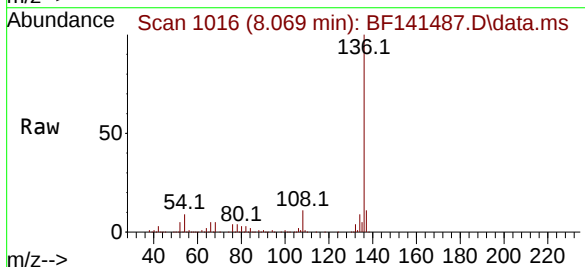
Instrument :
BNA_F
ClientSampleId :
WC-3

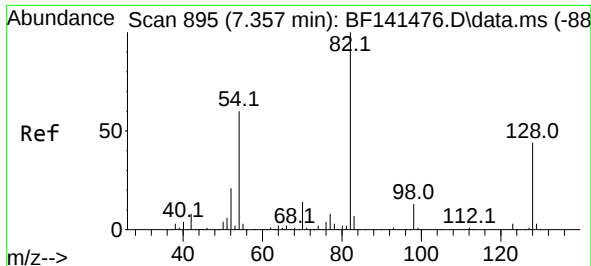
Tgt Ion: 99 Resp: 623780
Ion Ratio Lower Upper
99 100
42 23.7 19.1 28.7
71 38.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141487.D
Acq: 06 Feb 2025 18:27

Tgt Ion: 136 Resp: 396179
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.8 7.2 10.8
68 4.9 3.7 5.5

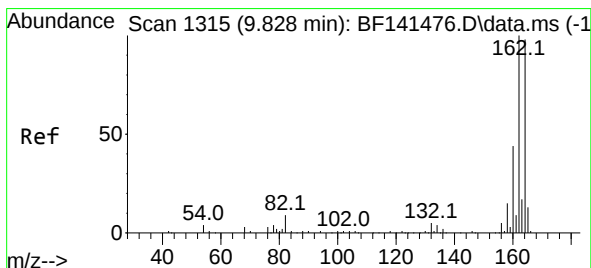
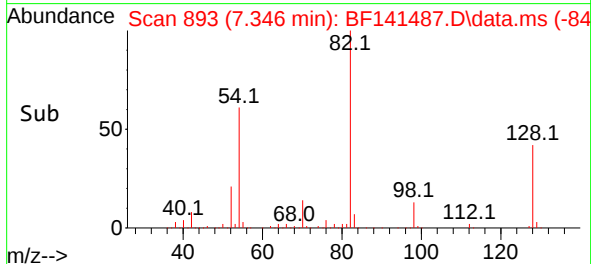
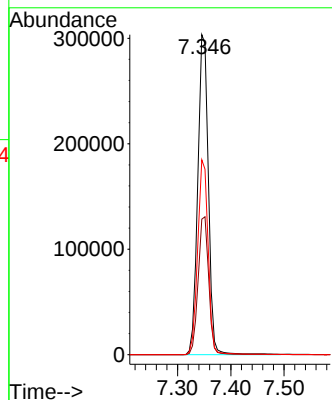
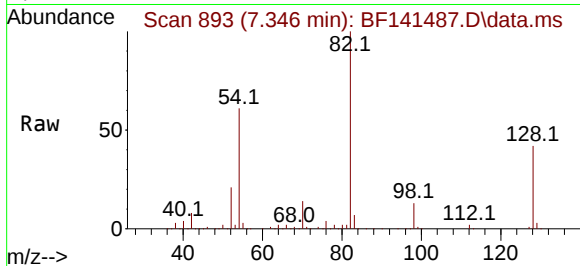




#23
Nitrobenzene-d5
Concen: 55.094 ng
RT: 7.346 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF141487.D
Acq: 06 Feb 2025 18:27

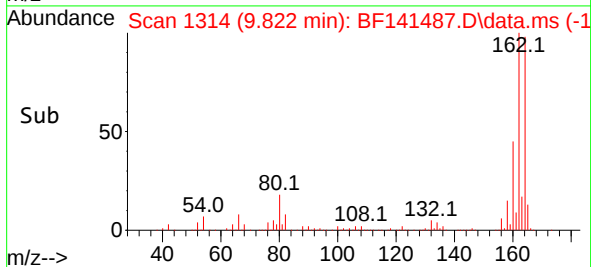
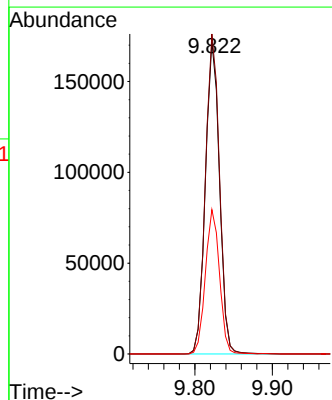
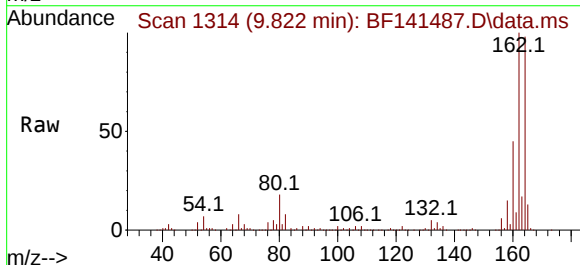
Instrument :
BNA_F
ClientSampleId :
WC-3

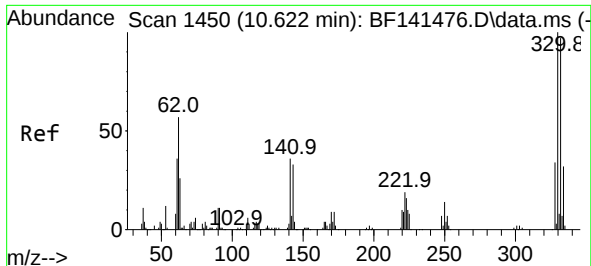
Tgt Ion: 82 Resp: 418480
Ion Ratio Lower Upper
82 100
128 42.4 34.8 52.2
54 60.9 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF141487.D
Acq: 06 Feb 2025 18:27

Tgt Ion:164 Resp: 217161
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 46.2 35.9 53.9

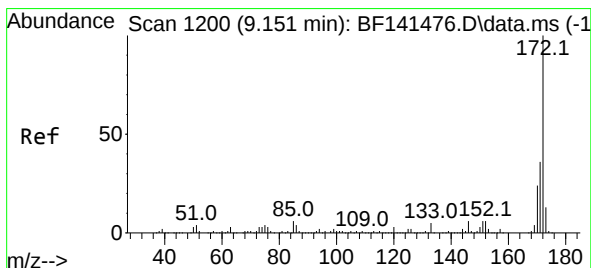
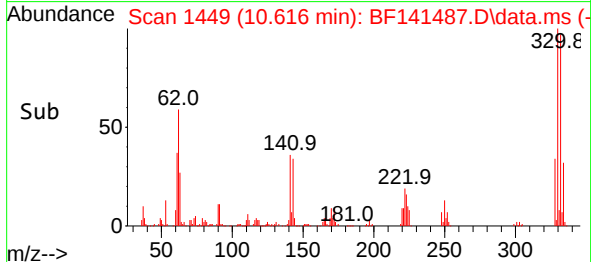
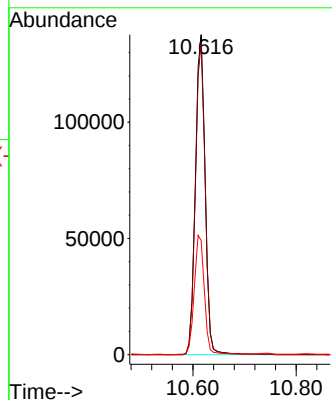
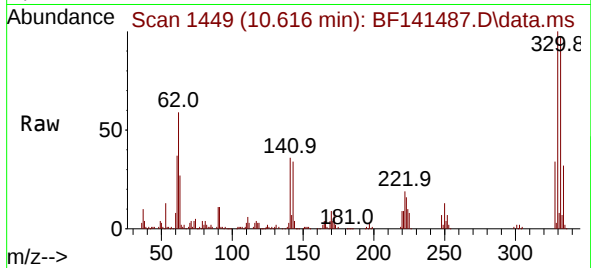




#42
2,4,6-Tribromophenol
Concen: 82.730 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BF141487.D
Acq: 06 Feb 2025 18:27

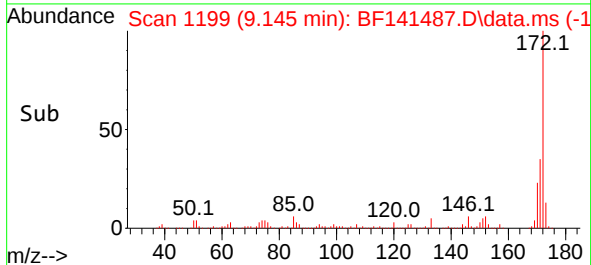
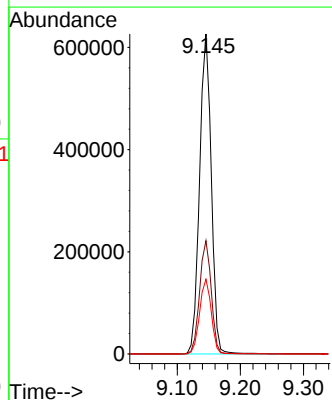
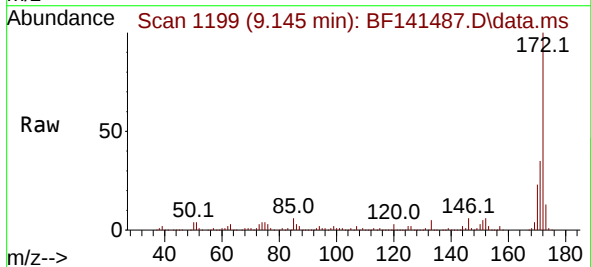
Instrument :
BNA_F
ClientSampleId :
WC-3

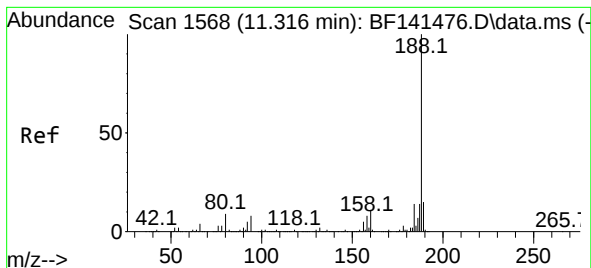
Tgt Ion: 330 Resp: 180473
Ion Ratio Lower Upper
330 100
332 97.7 78.5 117.7
141 38.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 57.102 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141487.D
Acq: 06 Feb 2025 18:27

Tgt Ion: 172 Resp: 804885
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.4 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: BF141487.D

Acq: 06 Feb 2025 18:27

Instrument :

BNA_F

ClientSampleId :

WC-3

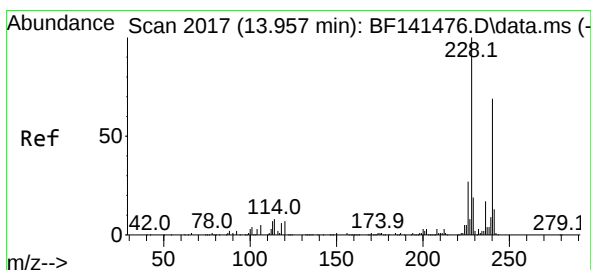
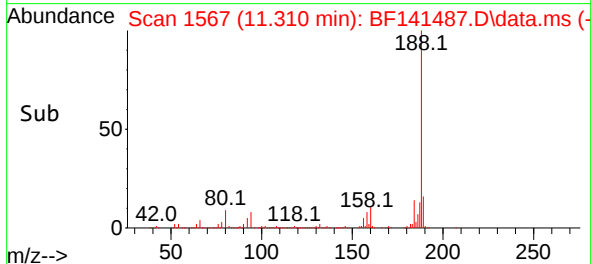
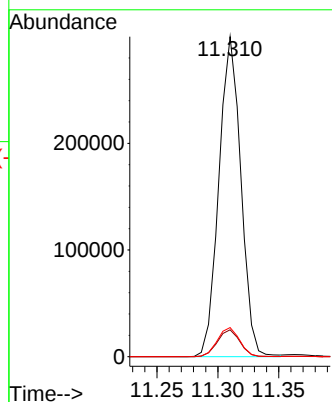
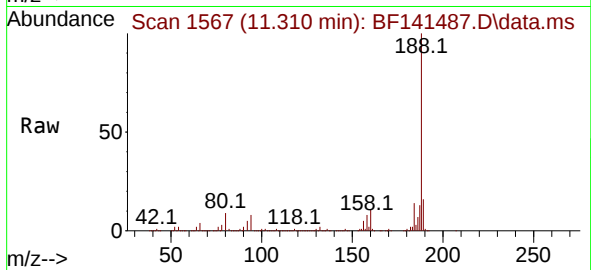
Tgt Ion:188 Resp: 377263

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.011 min

Lab File: BF141487.D

Acq: 06 Feb 2025 18:27

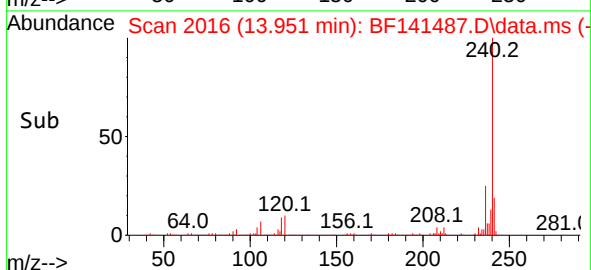
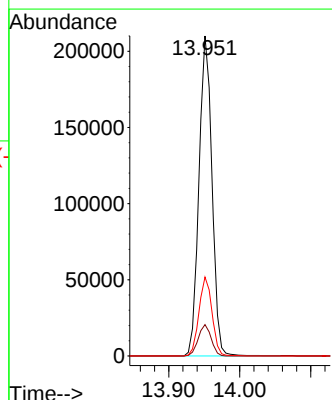
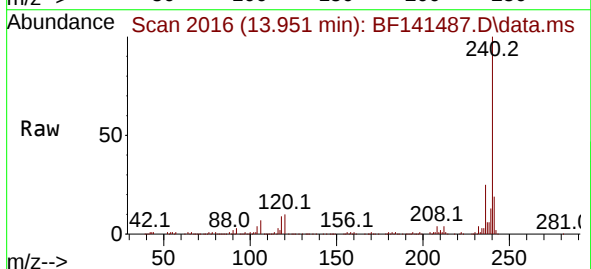
Tgt Ion:240 Resp: 268568

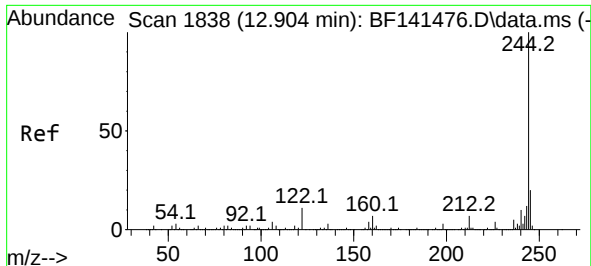
Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

236 24.6 19.8 29.8

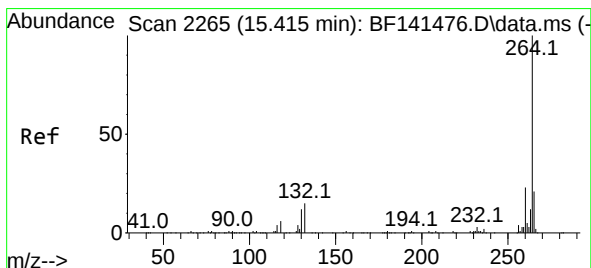
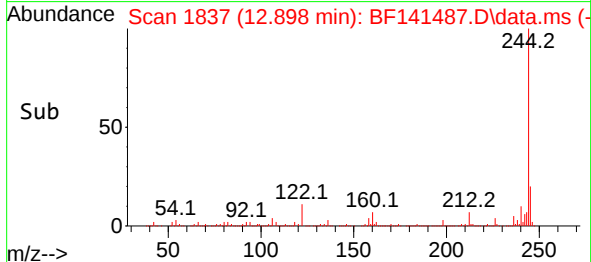
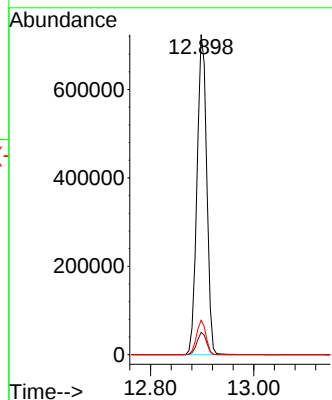
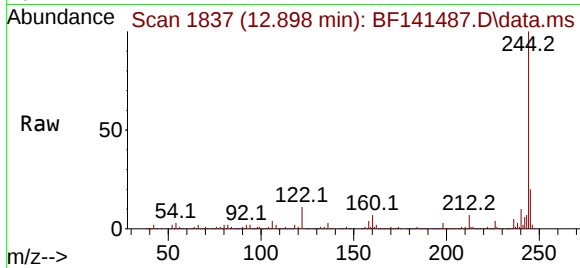




#79
 Terphenyl-d14
 Concen: 59.273 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141487.D
 Acq: 06 Feb 2025 18:27

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 942970
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.011 min
 Lab File: BF141487.D
 Acq: 06 Feb 2025 18:27

Tgt Ion:264 Resp: 210548
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.0 17.0 25.4

