

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141488.D
 Acq On : 06 Feb 2025 18:53
 Operator : RC/JU
 Sample : Q1309-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Feb 07 01:53:30 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	102357	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	408269	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	226832	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	400281	20.000	ng	0.00
76) Chrysene-d12	13.951	240	258726	20.000	ng	-0.01
86) Perylene-d12	15.404	264	204578	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	586576	89.842	ng	0.00
7) Phenol-d6	6.428	99	728369	88.265	ng	-0.01
23) Nitrobenzene-d5	7.351	82	492444	62.912	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	212662	93.329	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	949469	64.488	ng	0.00
79) Terphenyl-d14	12.898	244	1070204	69.830	ng	0.00

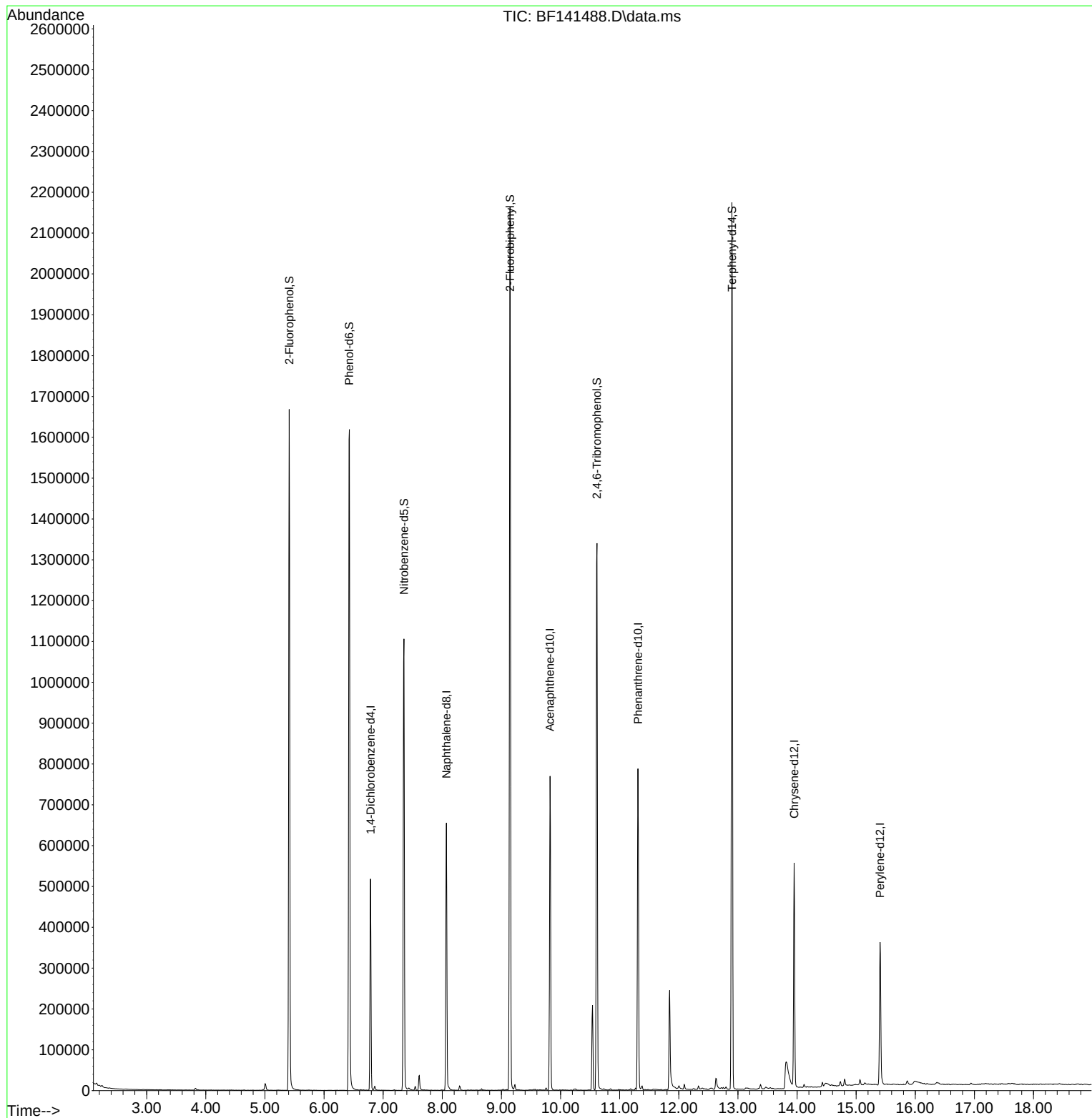
Target Compounds	Qvalue

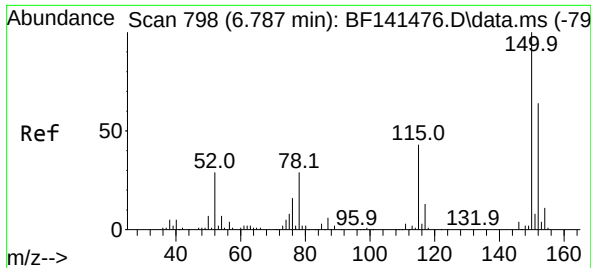
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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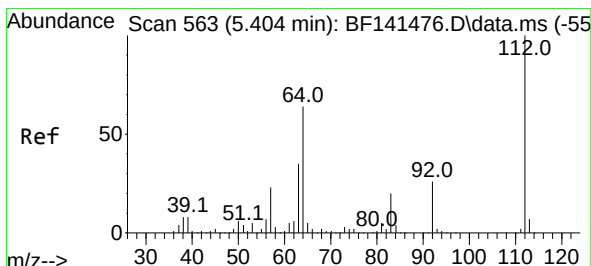
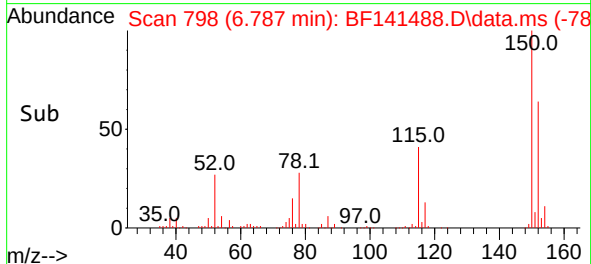
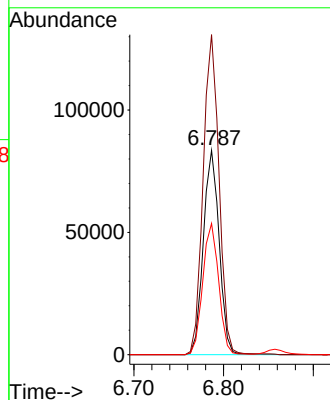
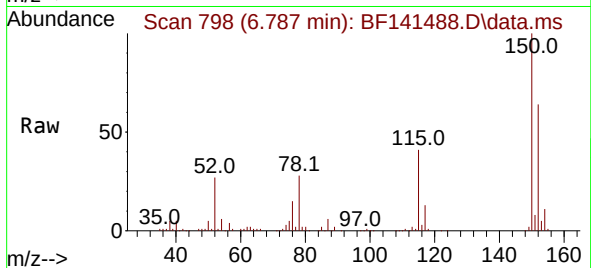




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141488.D
 Acq: 06 Feb 2025 18:53

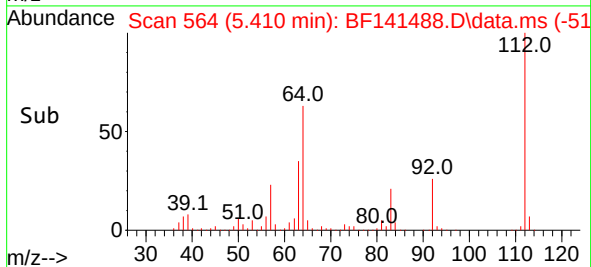
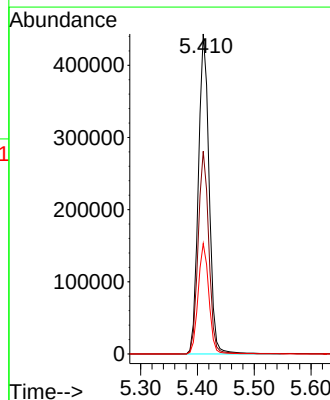
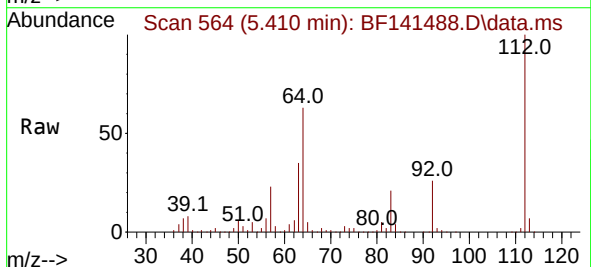
Instrument :
 BNA_F
 ClientSampleId :
 WC-4

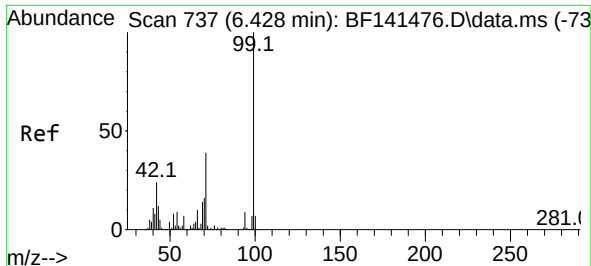
Tgt Ion:152 Resp: 102357
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.0 187.4
 115 64.2 53.6 80.4



#5
 2-Fluorophenol
 Concen: 89.842 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141488.D
 Acq: 06 Feb 2025 18:53

Tgt Ion:112 Resp: 586576
 Ion Ratio Lower Upper
 112 100
 64 63.4 51.1 76.7
 63 34.5 28.4 42.6

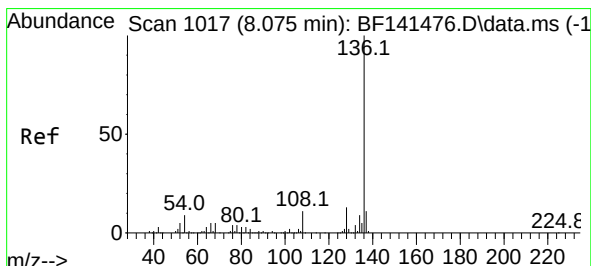
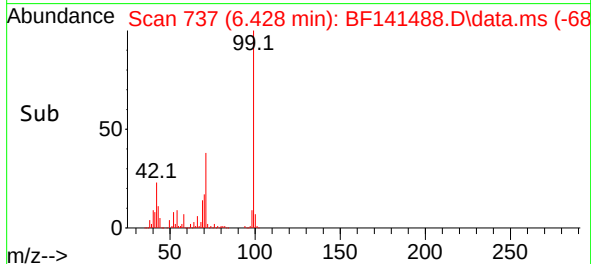
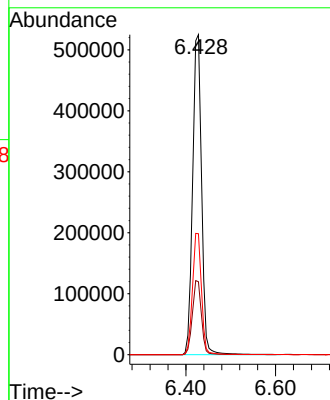
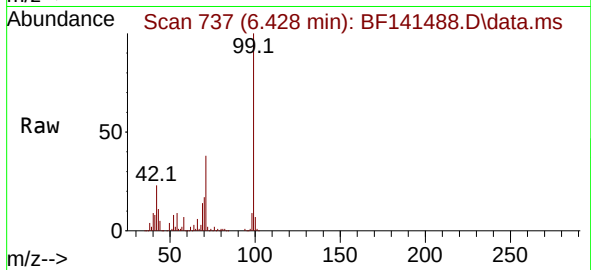




#7
Phenol-d6
Concen: 88.265 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141488.D
Acq: 06 Feb 2025 18:53

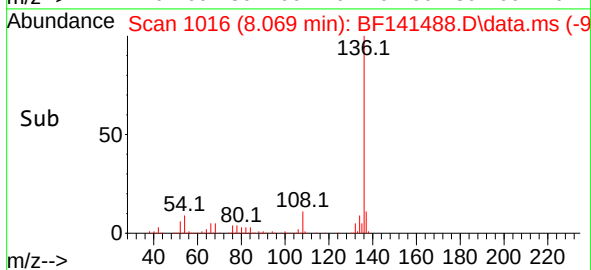
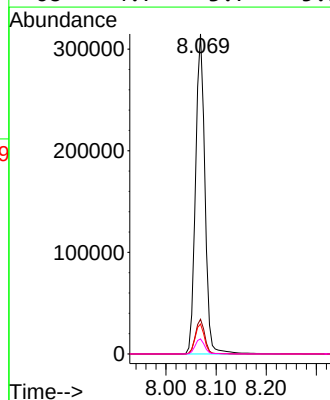
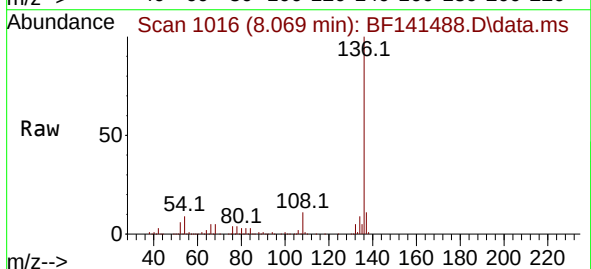
Instrument :
BNA_F
ClientSampleId :
WC-4

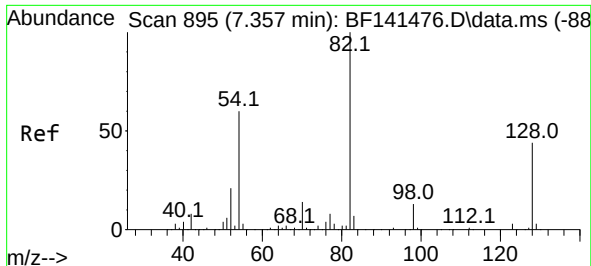
Tgt Ion: 99 Resp: 728369
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141488.D
Acq: 06 Feb 2025 18:53

Tgt Ion: 136 Resp: 408269
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.3 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 62.912 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141488.D

Acq: 06 Feb 2025 18:53

Instrument :

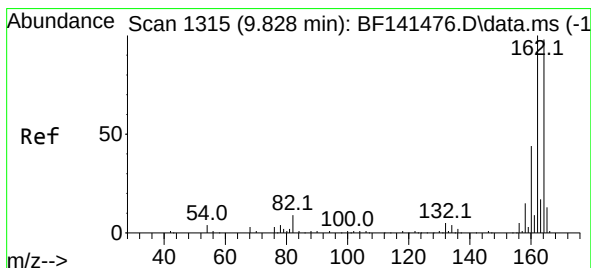
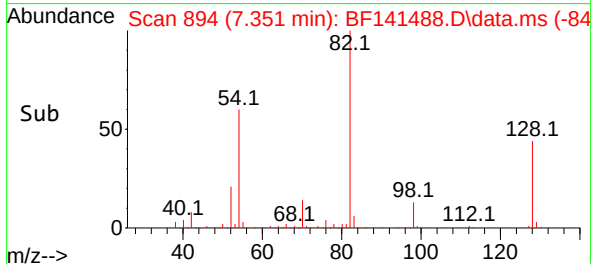
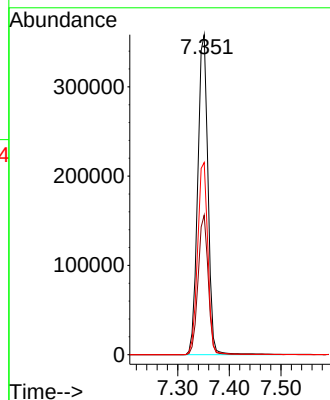
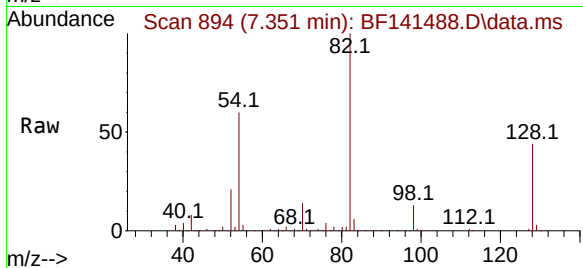
BNA_F

ClientSampleId :

WC-4

Tgt Ion: 82 Resp: 492444

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.8	52.2
54	60.0	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

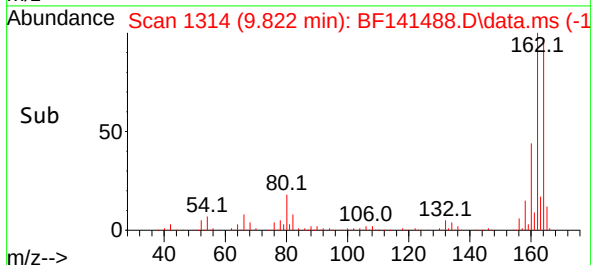
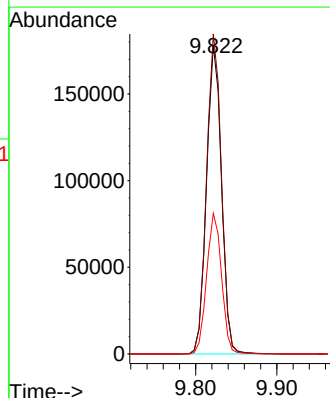
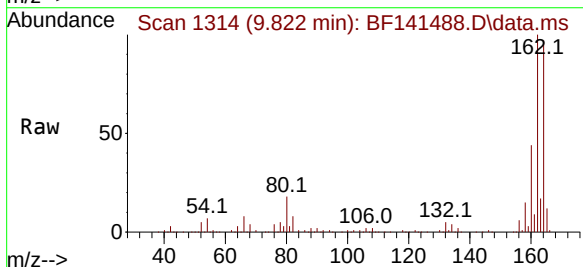
Delta R.T. -0.012 min

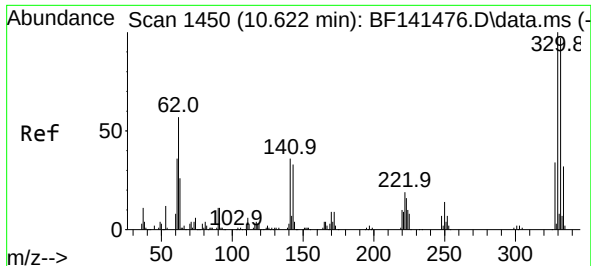
Lab File: BF141488.D

Acq: 06 Feb 2025 18:53

Tgt Ion:164 Resp: 226832

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	45.5	35.9	53.9

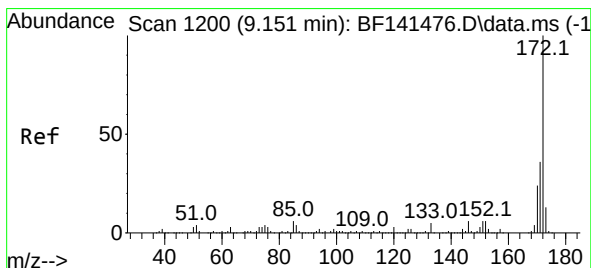
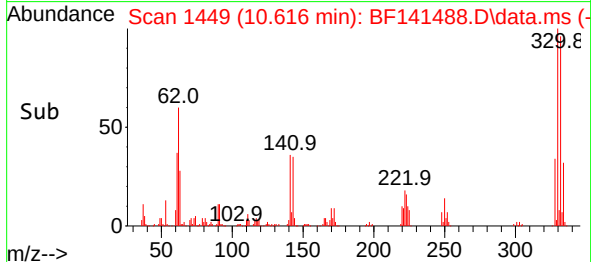
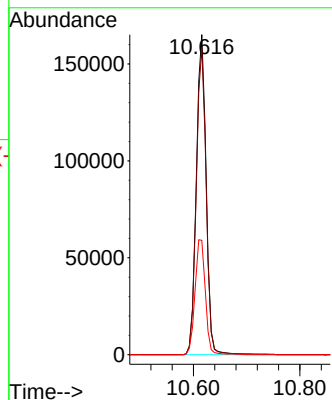
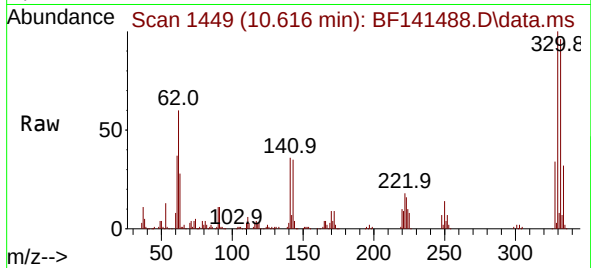




#42
2,4,6-Tribromophenol
Concen: 93.329 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141488.D
Acq: 06 Feb 2025 18:53

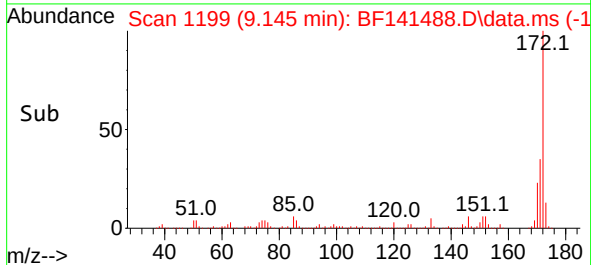
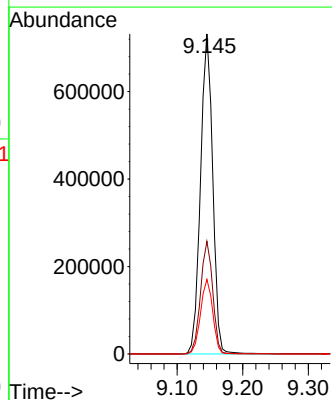
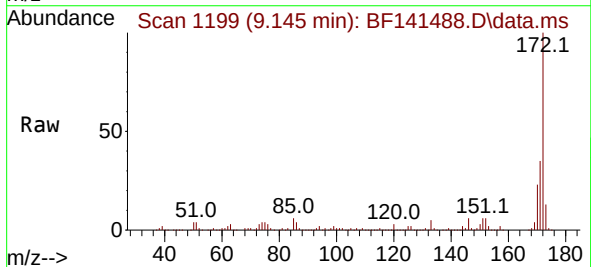
Instrument :
BNA_F
ClientSampleId :
WC-4

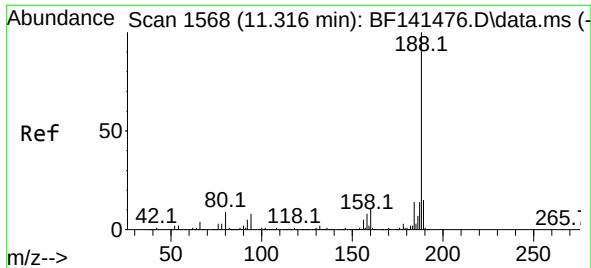
Tgt Ion: 330 Resp: 212662
Ion Ratio Lower Upper
330 100
332 95.9 78.5 117.7
141 37.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 64.488 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141488.D
Acq: 06 Feb 2025 18:53

Tgt Ion: 172 Resp: 949469
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.3 18.9 28.3

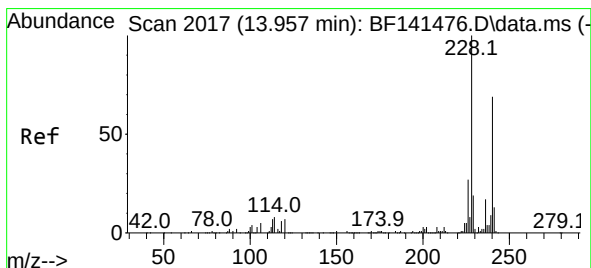
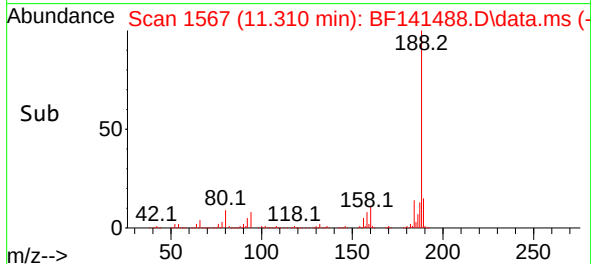
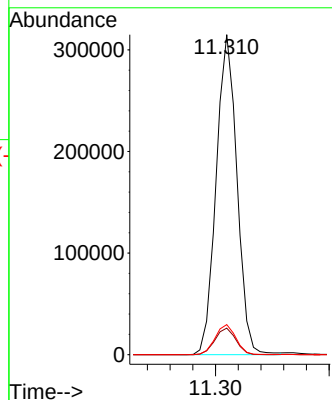
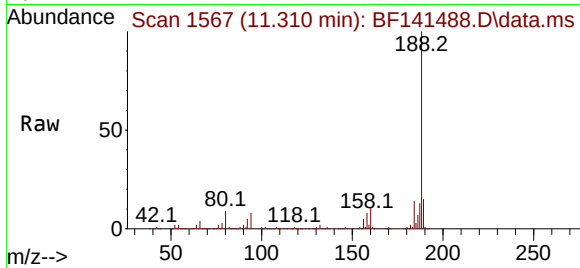




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141488.D
Acq: 06 Feb 2025 18:53

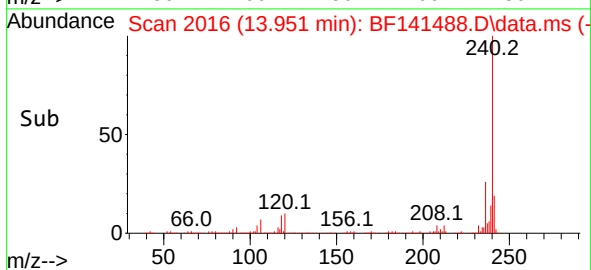
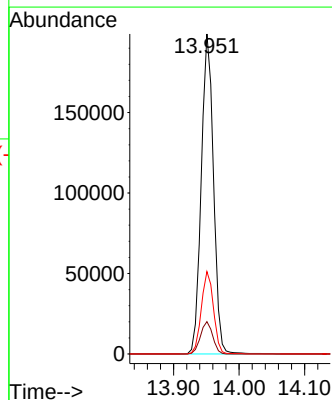
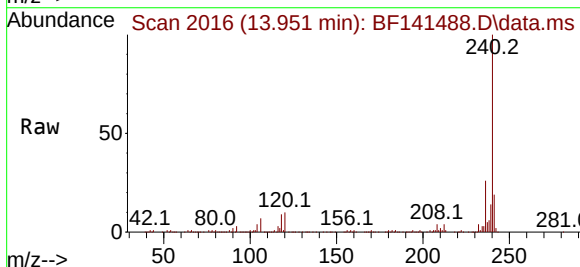
Instrument :
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WC-4

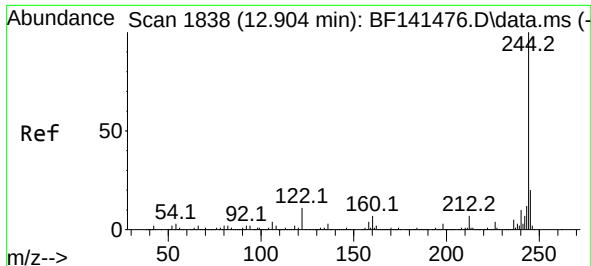
Tgt Ion:188 Resp: 400281
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141488.D
Acq: 06 Feb 2025 18:53

Tgt Ion:240 Resp: 258726
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.8 19.8 29.8

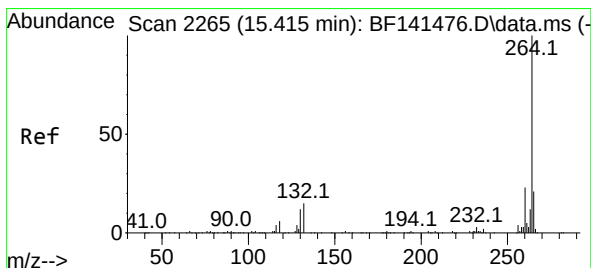
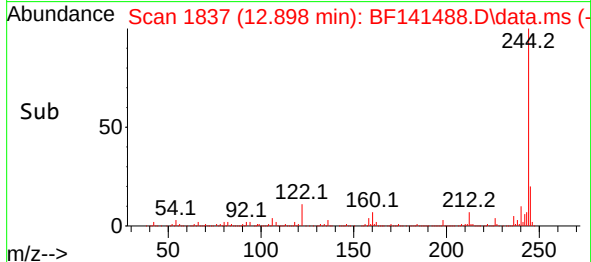
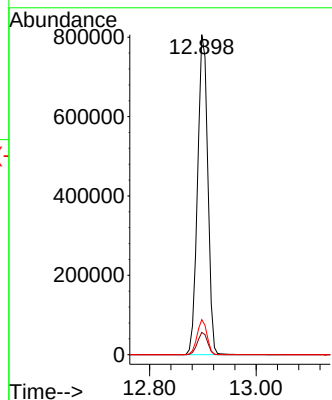
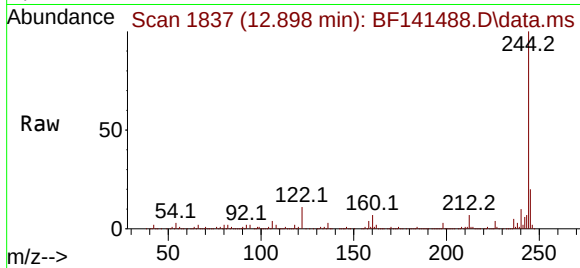




#79
 Terphenyl-d14
 Concen: 69.830 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141488.D
 Acq: 06 Feb 2025 18:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 1070204
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.0 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141488.D
 Acq: 06 Feb 2025 18:53

Tgt Ion:264 Resp: 204578
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.6 17.0 25.4

