

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133986.D
 Acq On : 27 Jun 2023 12:16
 Operator : CG\JU
 Sample : 03337-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11

Quant Time: Jun 27 12:43:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	123377	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	467142	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	247491	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	360219	20.000	ng	0.00
76) Chrysene-d12	14.039	240	238612	20.000	ng	0.00
86) Perylene-d12	15.545	264	195007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1116538	151.382	ng	0.03
7) Phenol-d6	6.492	99	1250783	137.895	ng	0.00
23) Nitrobenzene-d5	7.416	82	1010509	116.607	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	405241	130.595	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1610261	94.595	ng	0.00
79) Terphenyl-d14	12.986	244	1700623	114.706	ng	0.00

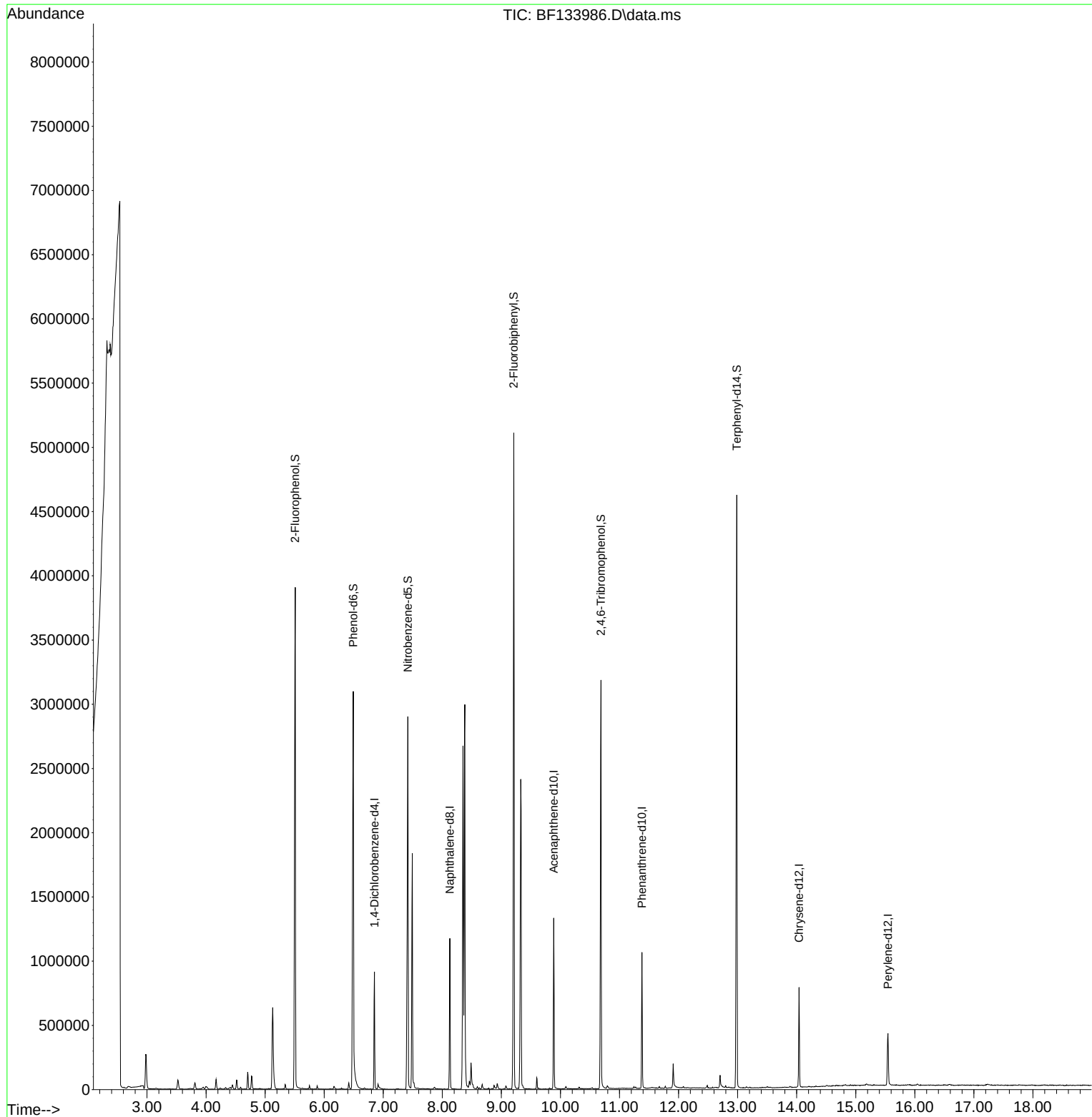
Target Compounds	Qvalue

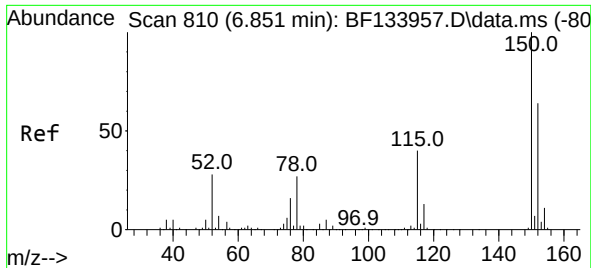
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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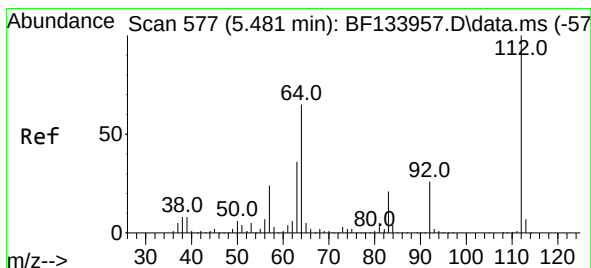
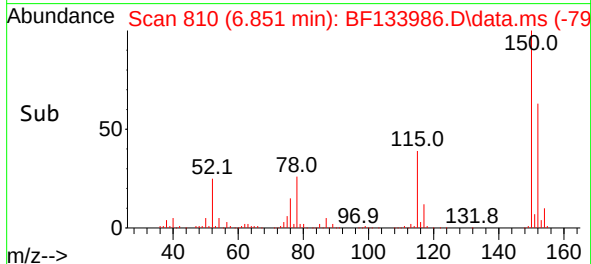
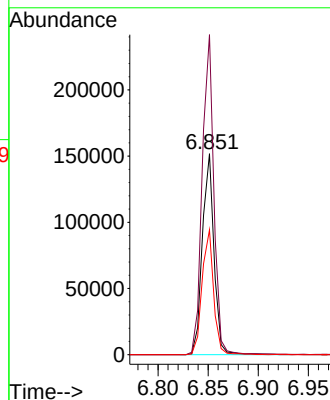
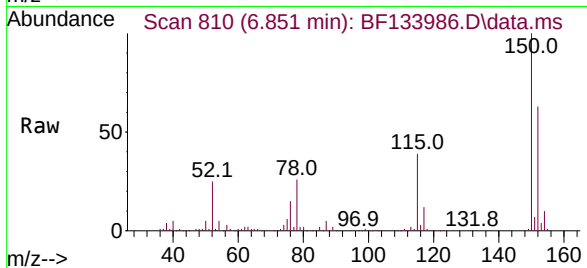




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133986.D
Acq: 27 Jun 2023 12:16

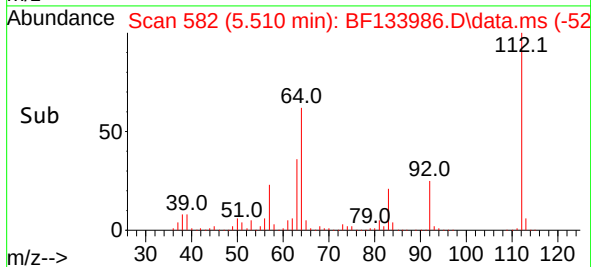
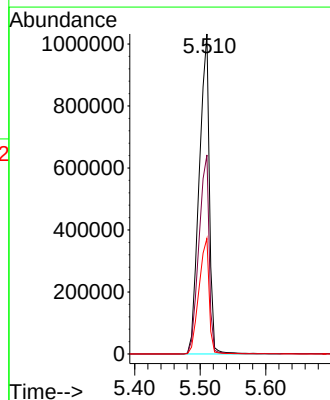
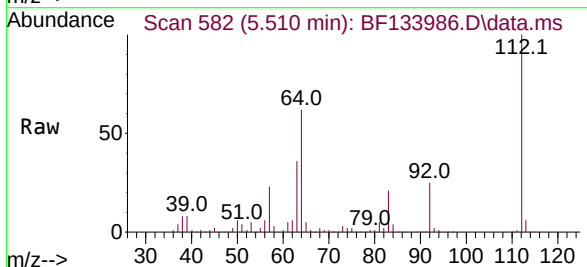
Instrument :
BNA_F
ClientSampleId :
WC-11

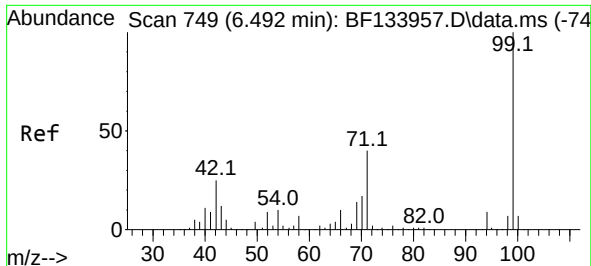
Tgt Ion:152 Resp: 123377
Ion Ratio Lower Upper
152 100
150 159.2 124.5 186.7
115 62.1 50.2 75.2



#5
2-Fluorophenol
Concen: 151.382 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.029 min
Lab File: BF133986.D
Acq: 27 Jun 2023 12:16

Tgt Ion:112 Resp: 1116538
Ion Ratio Lower Upper
112 100
64 62.2 52.1 78.1
63 36.1 28.6 42.8

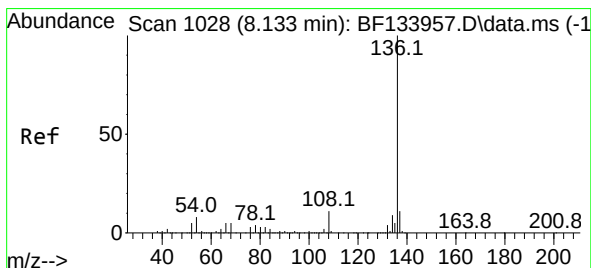
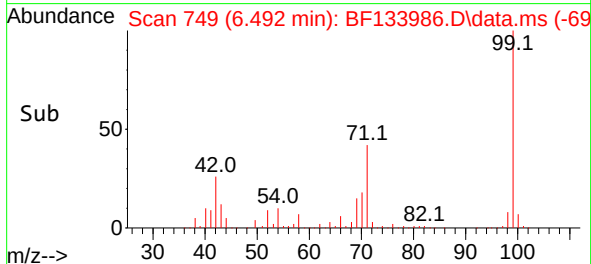
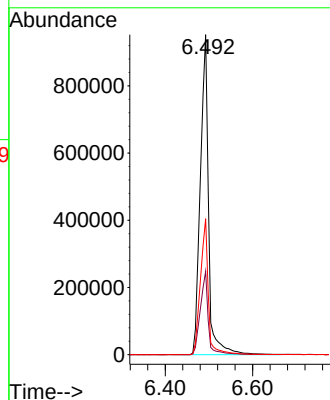
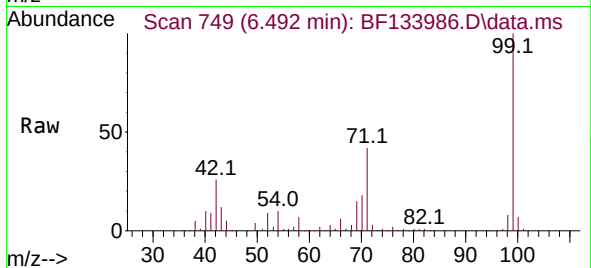




#7
Phenol-d6
Concen: 137.895 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133986.D
Acq: 27 Jun 2023 12:16

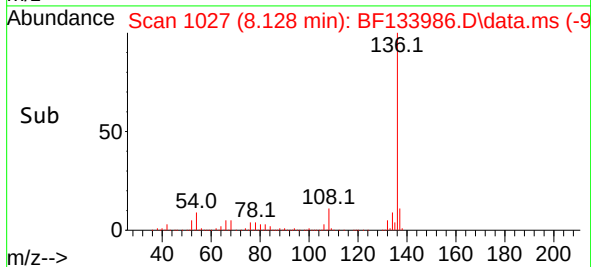
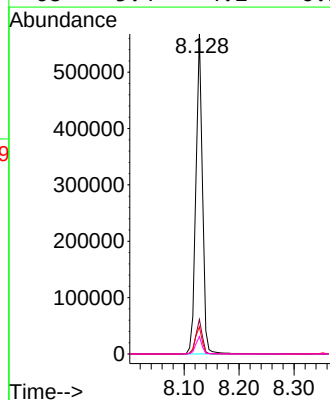
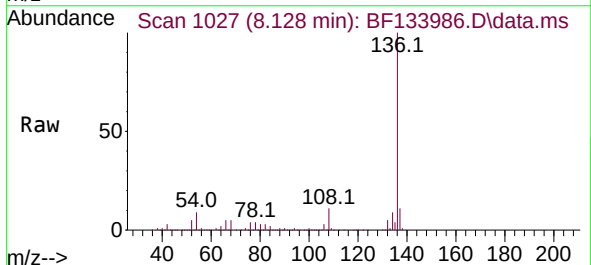
Instrument :
BNA_F
ClientSampleId :
WC-11

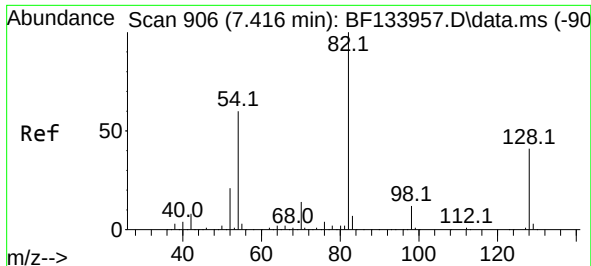
Tgt Ion: 99 Resp: 1250783
Ion Ratio Lower Upper
99 100
42 26.0 19.8 29.6
71 42.5 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133986.D
Acq: 27 Jun 2023 12:16

Tgt Ion:136 Resp: 467142
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.5 6.5 9.7
68 5.4 4.2 6.2

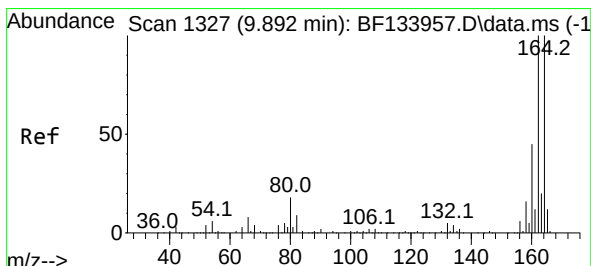
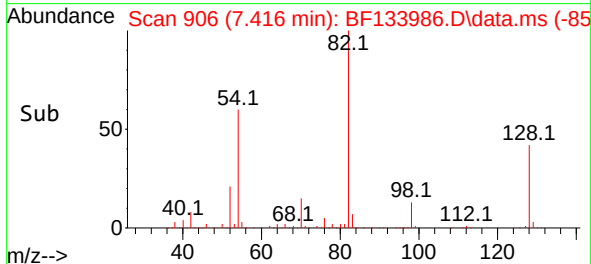
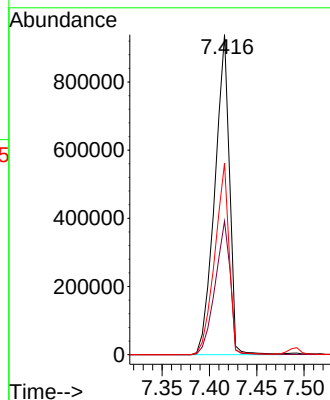
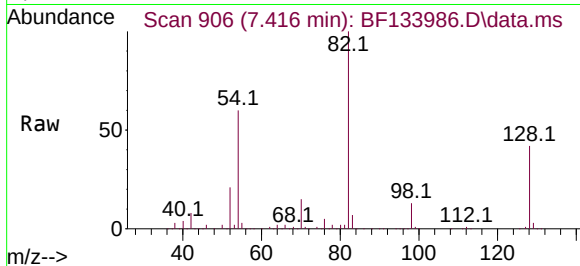




#23
Nitrobenzene-d5
Concen: 116.607 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133986.D
Acq: 27 Jun 2023 12:16

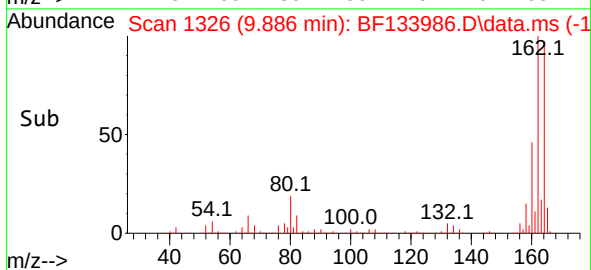
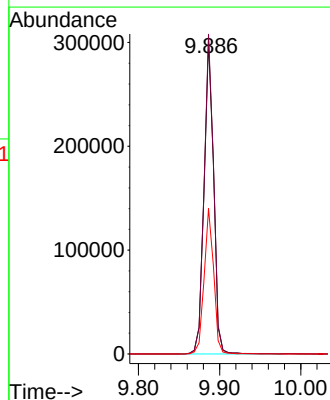
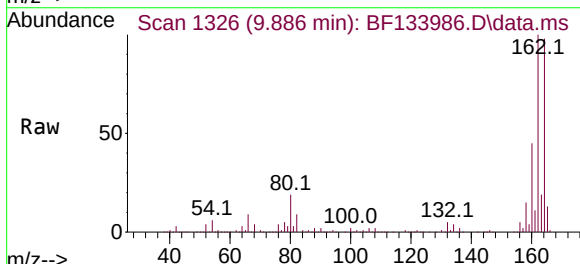
Instrument :
BNA_F
ClientSampleId :
WC-11

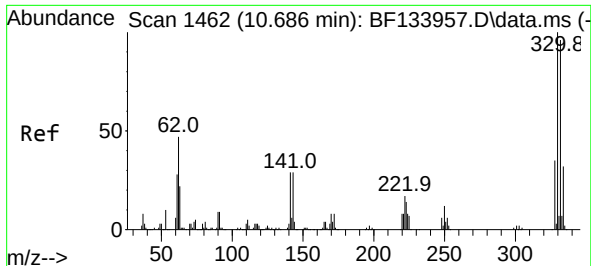
Tgt Ion: 82 Resp: 1010509
Ion Ratio Lower Upper
82 100
128 41.8 32.5 48.7
54 59.9 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133986.D
Acq: 27 Jun 2023 12:16

Tgt Ion:164 Resp: 247491
Ion Ratio Lower Upper
164 100
162 102.3 80.0 120.0
160 46.5 35.9 53.9

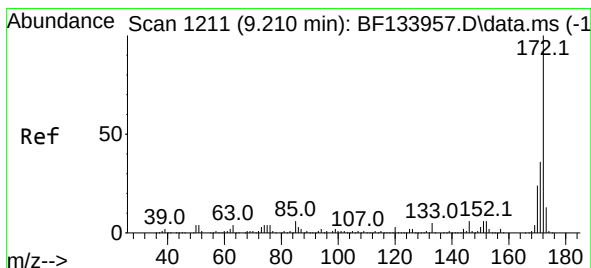
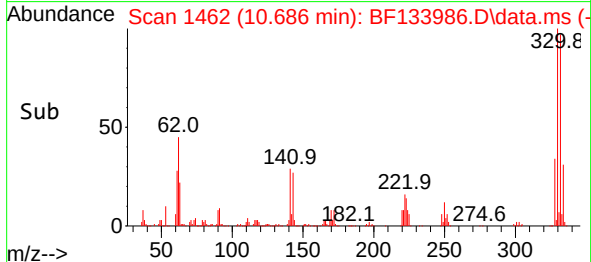
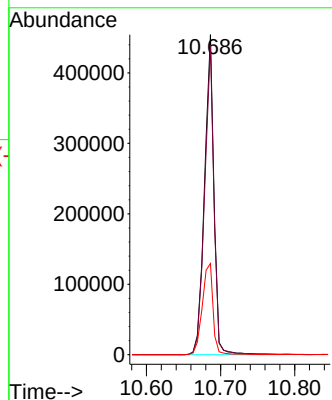
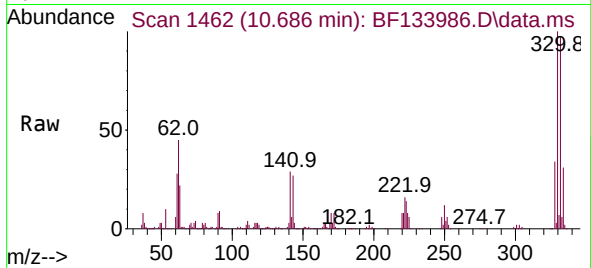




#42
 2,4,6-Tribromophenol
 Concen: 130.595 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. 0.000 min
 Lab File: BF133986.D
 Acq: 27 Jun 2023 12:16

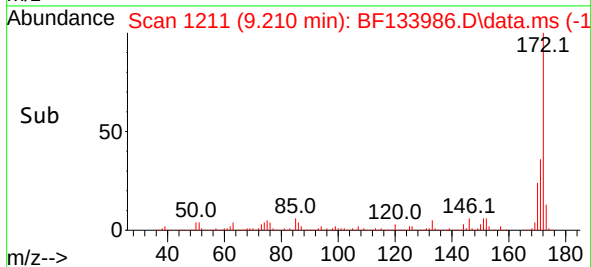
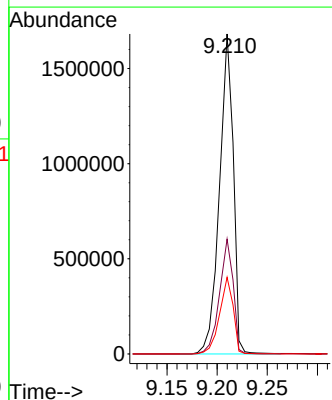
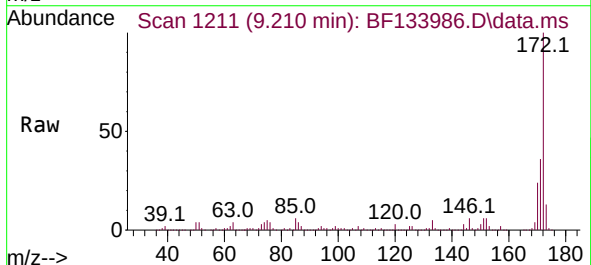
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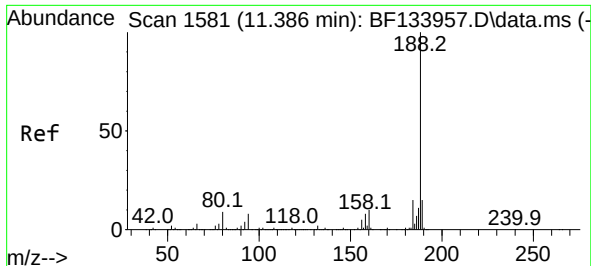
Tgt Ion:330 Resp: 405241
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.4 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 94.595 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. -0.000 min
 Lab File: BF133986.D
 Acq: 27 Jun 2023 12:16

Tgt Ion:172 Resp: 1610261
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.9 19.4 29.0

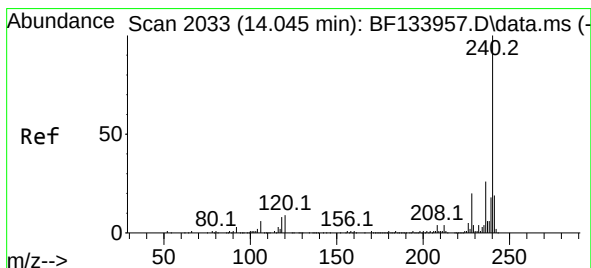
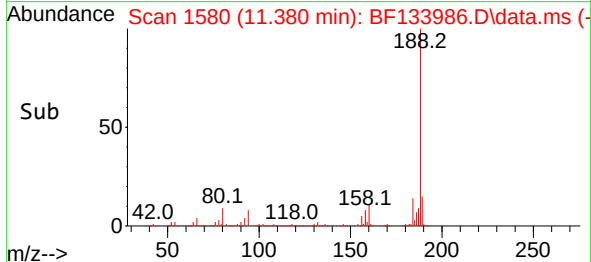
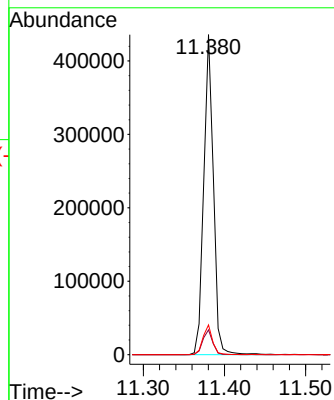
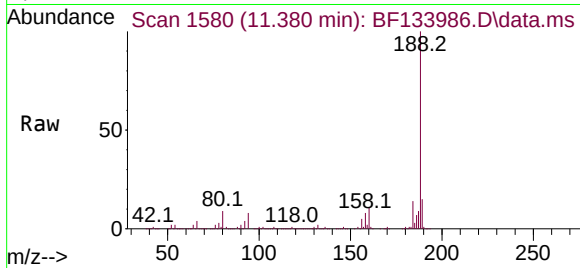




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133986.D
Acq: 27 Jun 2023 12:16

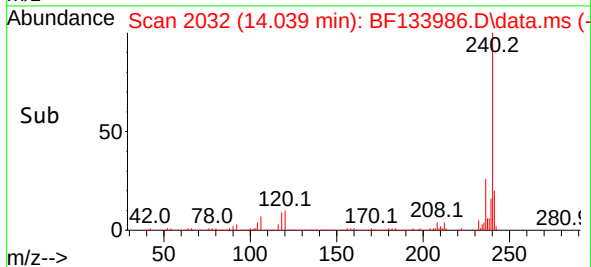
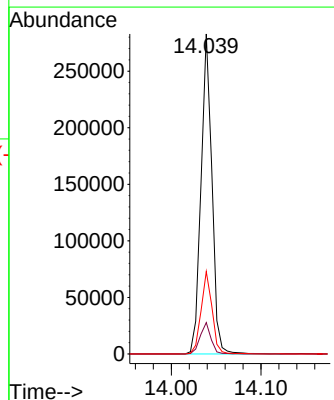
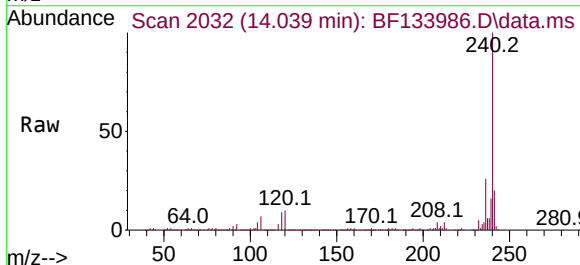
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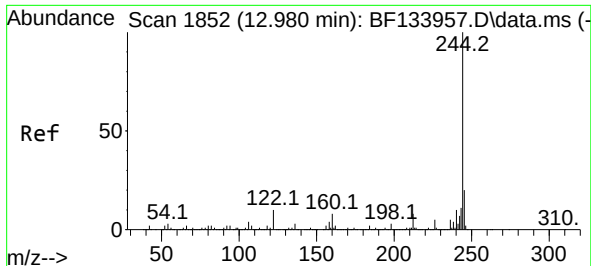
Tgt Ion:188 Resp: 360219
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 9.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133986.D
Acq: 27 Jun 2023 12:16

Tgt Ion:240 Resp: 238612
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.0
236 25.8 21.0 31.6

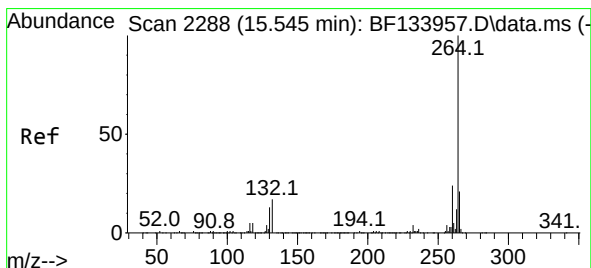
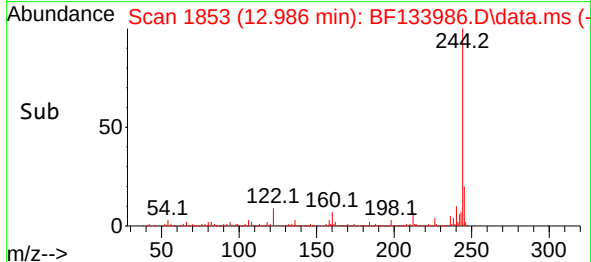
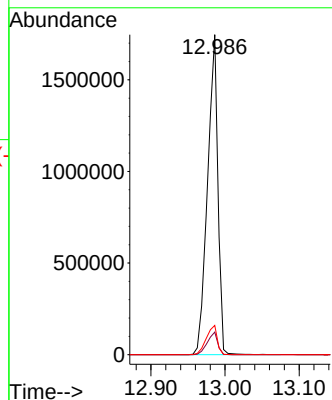
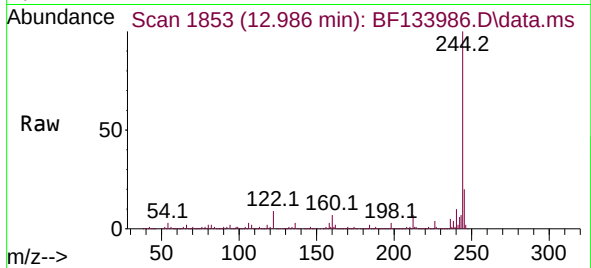




#79
 Terphenyl-d14
 Concen: 114.706 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: BF133986.D
 Acq: 27 Jun 2023 12:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-11

Tgt Ion:244 Resp: 1700623
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF133986.D
 Acq: 27 Jun 2023 12:16

Tgt Ion:264 Resp: 195007
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.9 16.6 25.0

