

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140587.D
 Acq On : 22 Nov 2024 19:27
 Operator : RC/JU
 Sample : P4938-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-734

Quant Time: Nov 22 22:17:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	88108	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	302057	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	132193	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	215904	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	155758	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	125827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	459147	88.914	ng	0.00
7) Phenol-d6	6.510	99	583390	85.455	ng	0.00
23) Nitrobenzene-d5	7.434	82	368278	62.364	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	110556	78.197	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	606632	68.373	ng	0.00
79) Terphenyl-d14	12.986	244	524490	52.434	ng	0.00

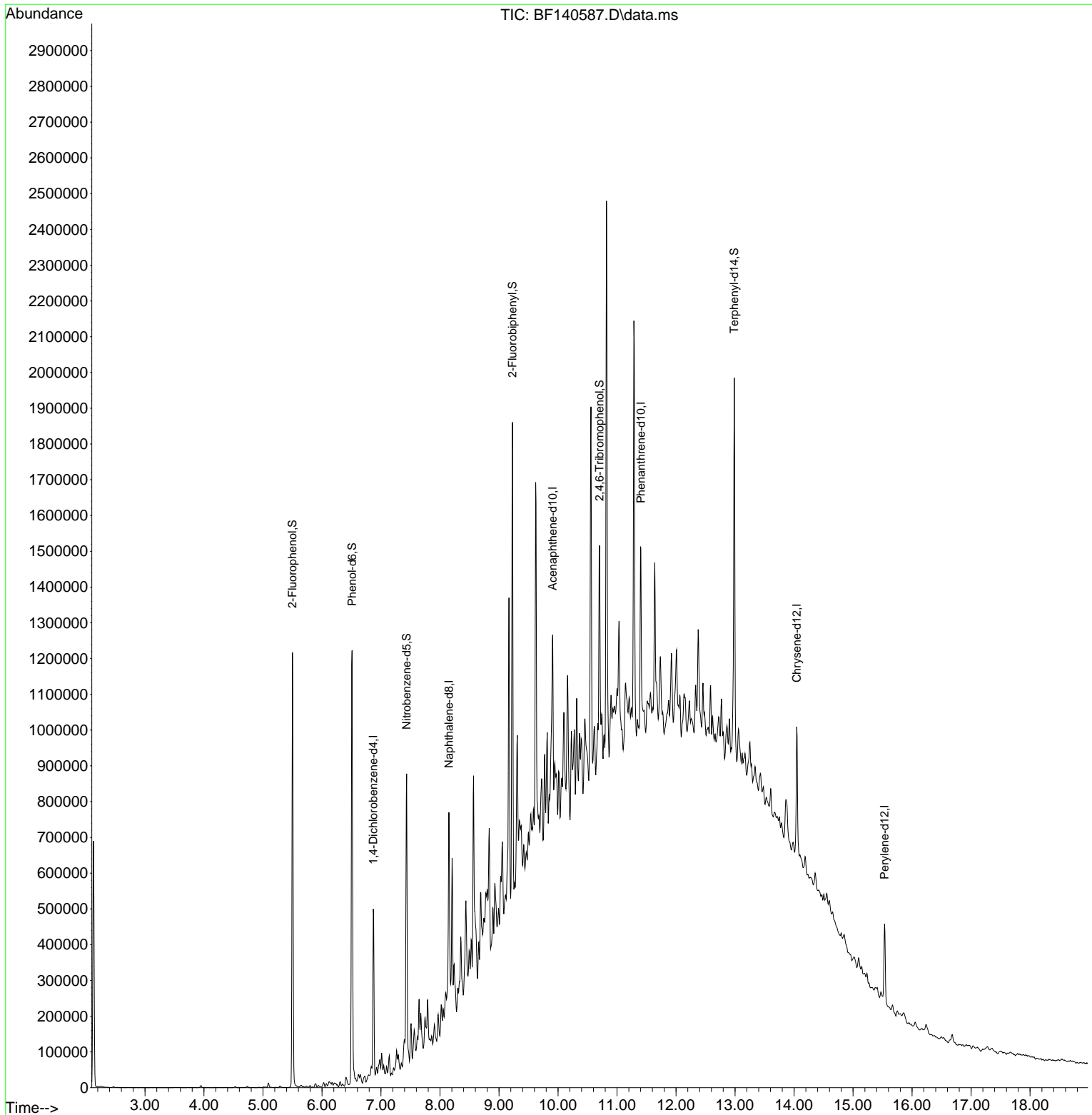
Target Compounds Qvalue

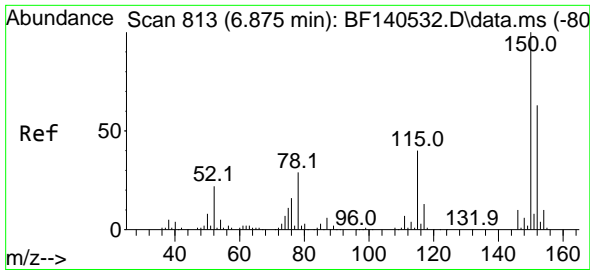
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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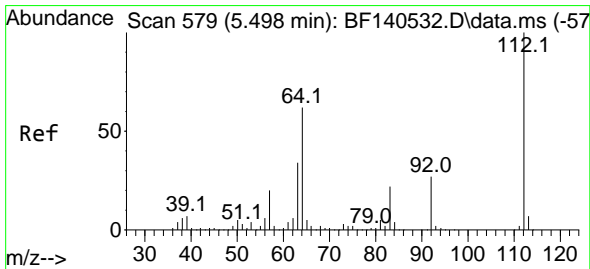
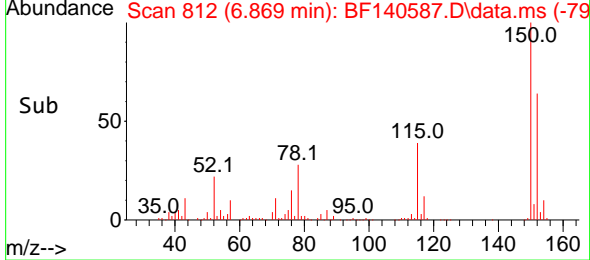
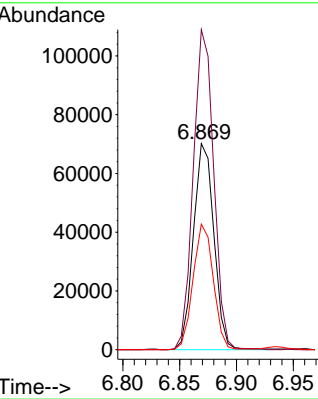
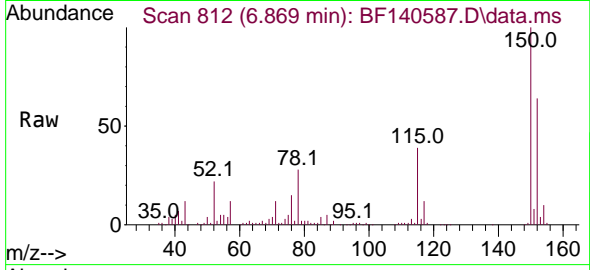




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

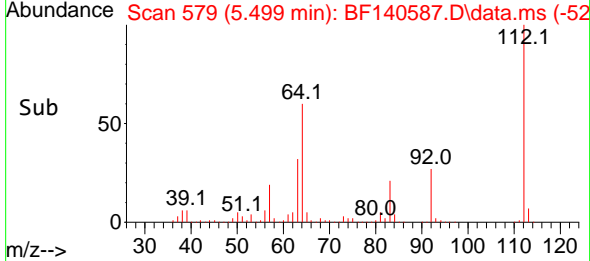
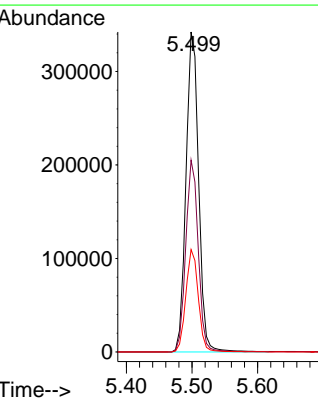
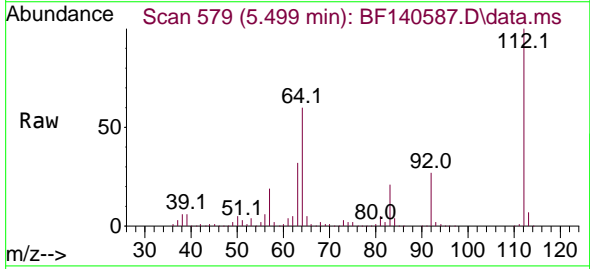
Instrument :
 BNA_F
 ClientSampleId :
 MH-734

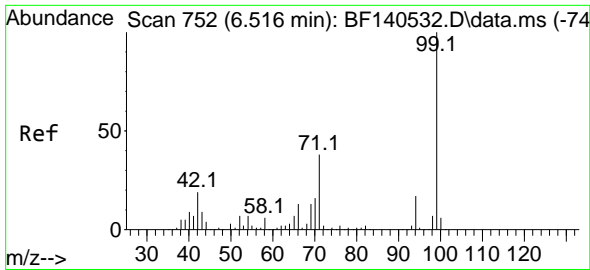
Tgt Ion:152 Resp: 88108
 Ion Ratio Lower Upper
 152 100
 150 155.3 128.5 192.7
 115 61.0 50.2 75.4



#5
 2-Fluorophenol
 Concen: 88.914 ng
 RT: 5.499 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

Tgt Ion:112 Resp: 459147
 Ion Ratio Lower Upper
 112 100
 64 59.9 49.2 73.8
 63 32.0 27.0 40.4

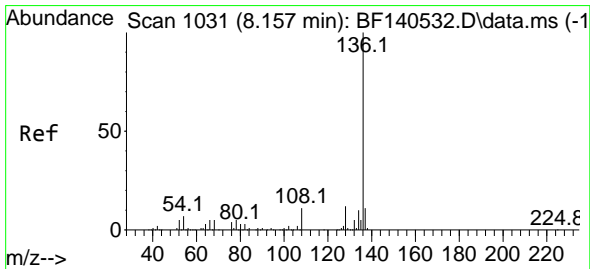
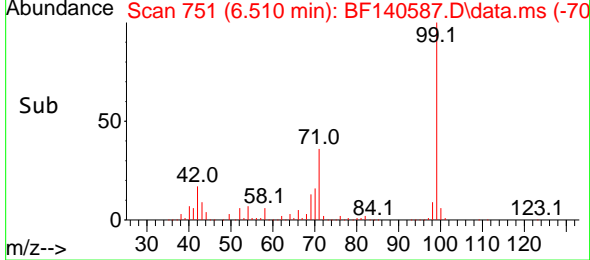
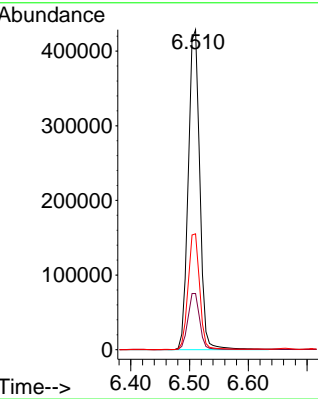
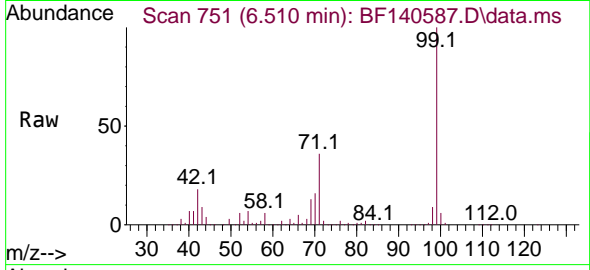




#7
 Phenol-d6
 Concen: 85.455 ng
 RT: 6.510 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

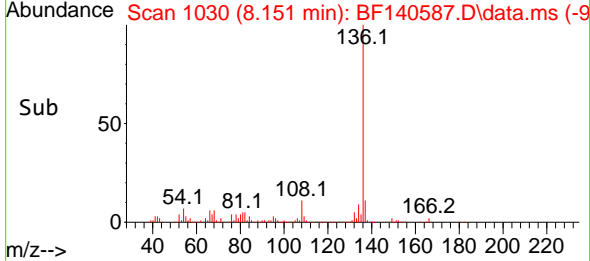
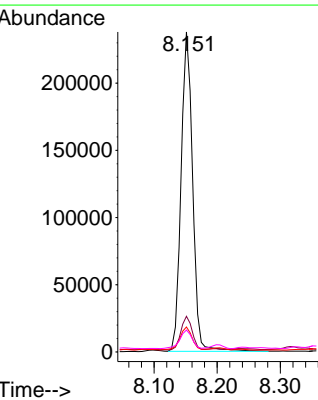
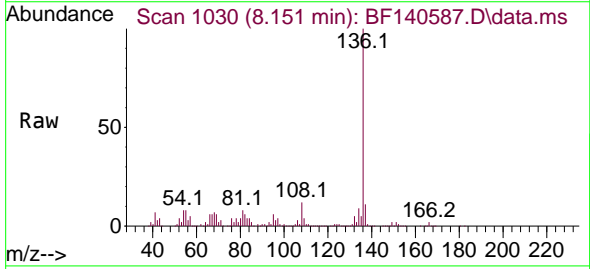
Instrument :
 BNA_F
 ClientSampleId :
 MH-734

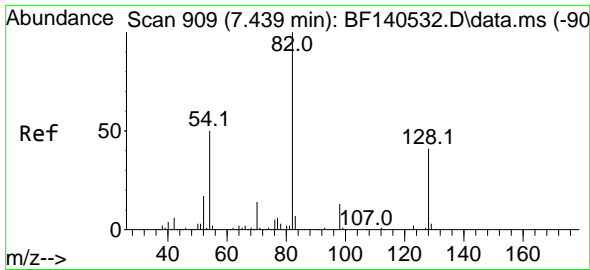
Tgt Ion	Resp	Ion Ratio	Lower	Upper
99	583390	100		
42		17.5	15.4	23.0
71		36.2	30.6	46.0



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.151 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

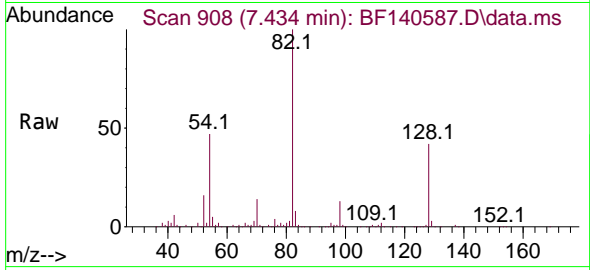
Tgt Ion	Resp	Ion Ratio	Lower	Upper
136	302057	100		
137		11.2	8.6	13.0
54		7.8	5.8	8.8
68		6.8	4.1	6.1



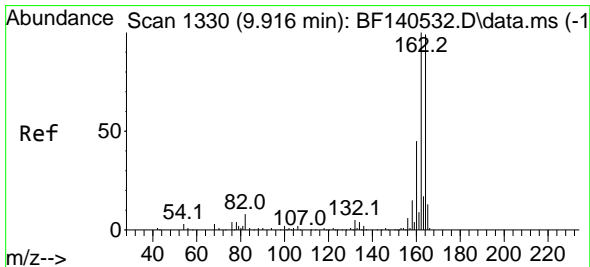
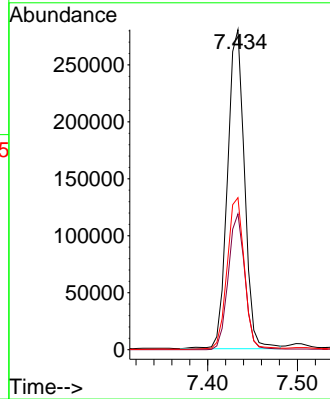
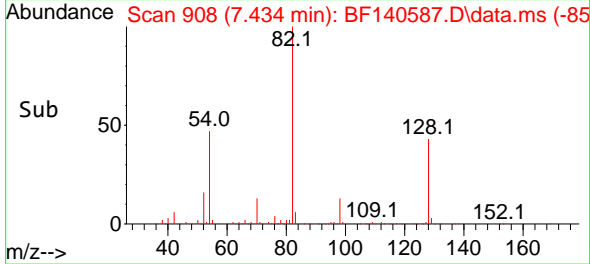


#23
 Nitrobenzene-d5
 Concen: 62.364 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

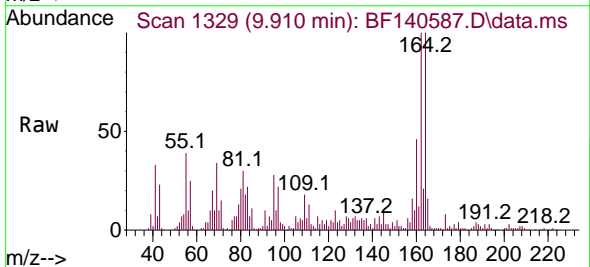
Instrument :
 BNA_F
 ClientSampleId :
 MH-734



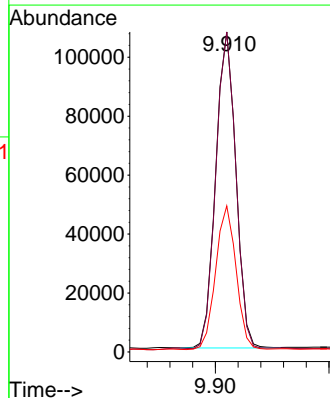
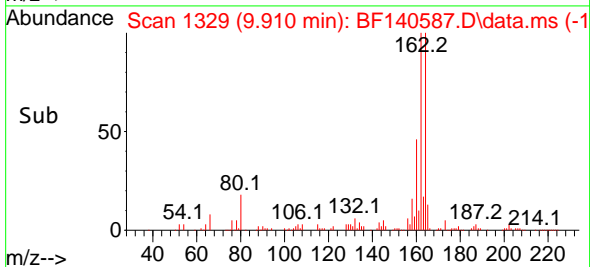
Tgt Ion: 82 Resp: 368278
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.0 49.4
 54 47.5 39.5 59.3

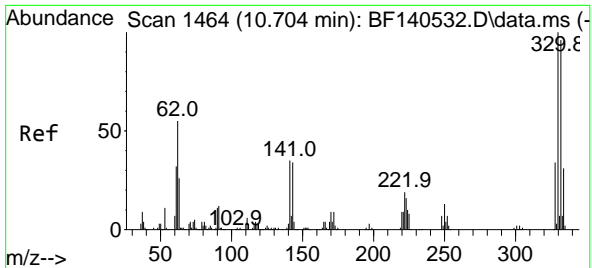


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27



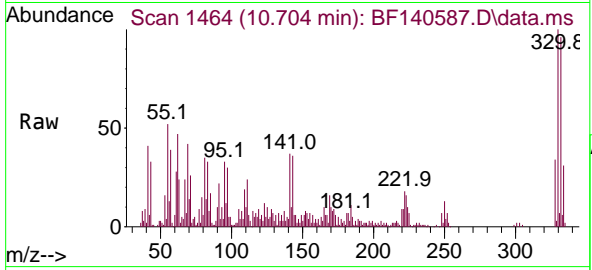
Tgt Ion: 164 Resp: 132193
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.6 120.8
 160 45.7 36.2 54.4



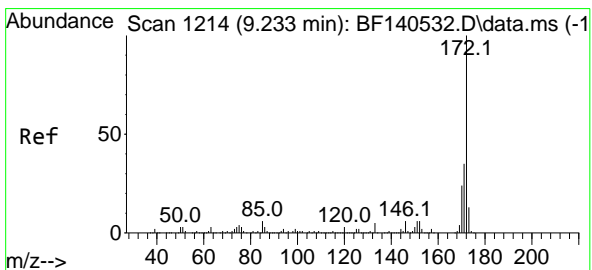
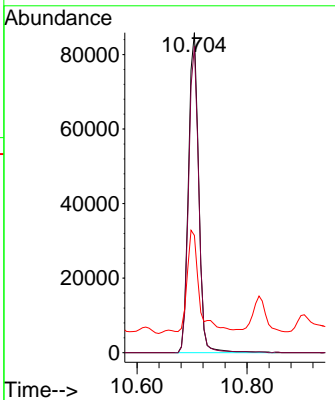
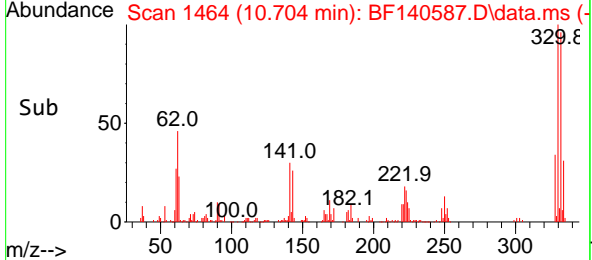


#42
 2,4,6-Tribromophenol
 Concen: 78.197 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

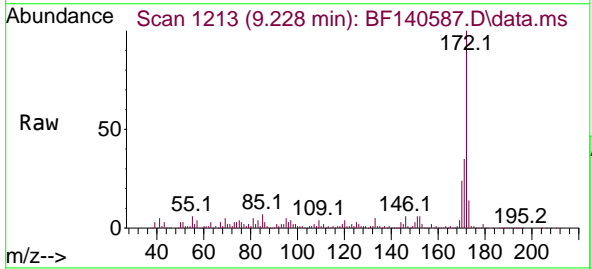
Instrument : BNA_F
 ClientSampleId : MH-734



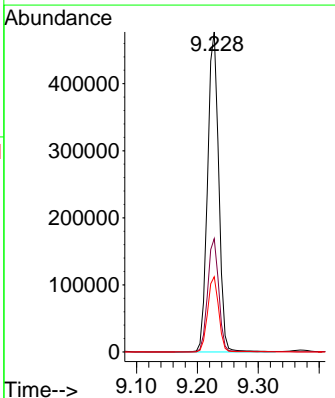
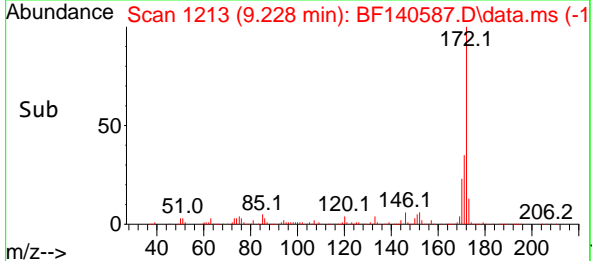
Tgt Ion:330 Resp: 110556
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.9 115.3
 141 36.0 26.7 40.1

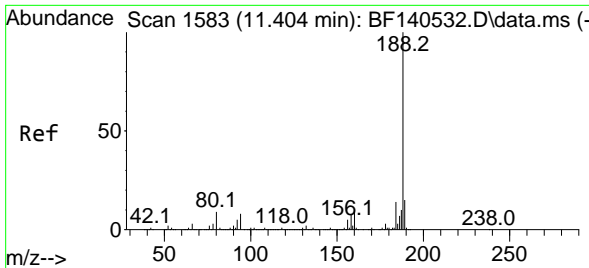


#45
 2-Fluorobiphenyl
 Concen: 68.373 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27



Tgt Ion:172 Resp: 606632
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.4 42.6
 170 23.5 19.0 28.6

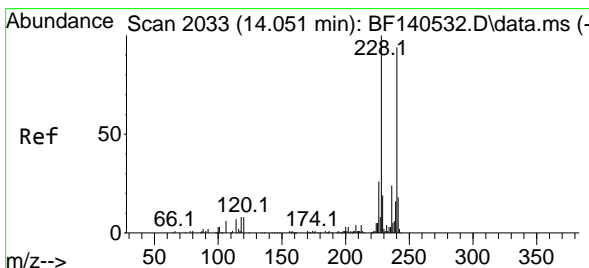
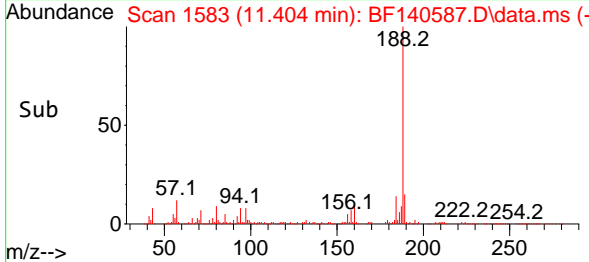
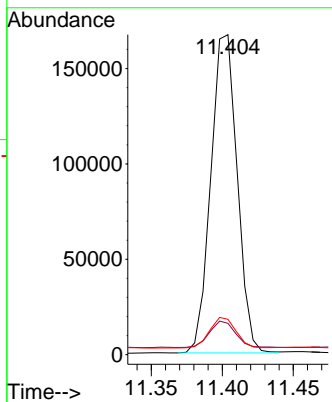
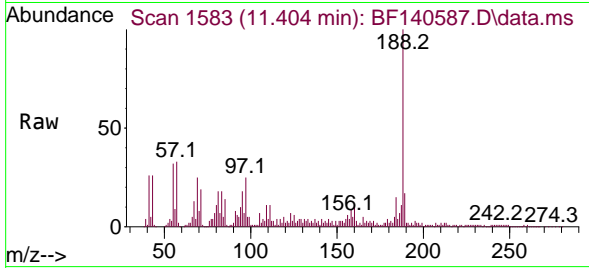




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.404 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

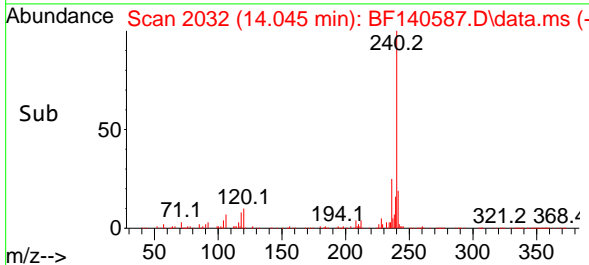
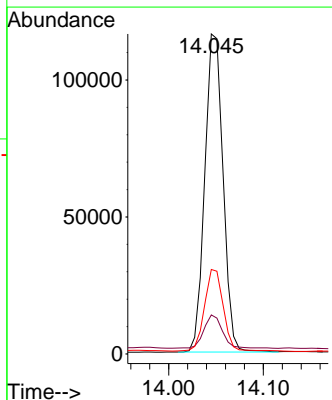
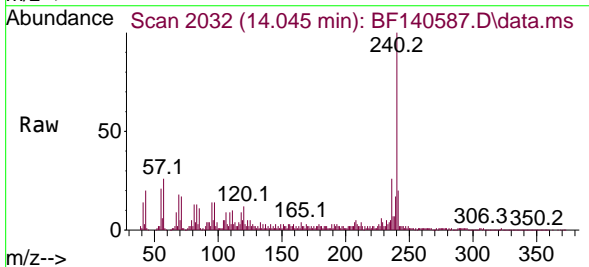
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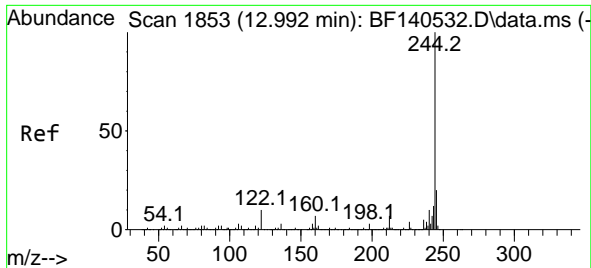
Tgt Ion	Resp	Lower	Upper
188	100		
94	9.8	6.4	9.6#
80	11.1	6.9	10.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.045 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

Tgt Ion	Resp	Lower	Upper
240	100		
120	12.2	7.3	10.9#
236	26.4	20.6	31.0

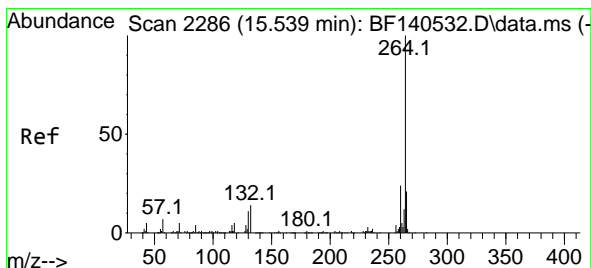
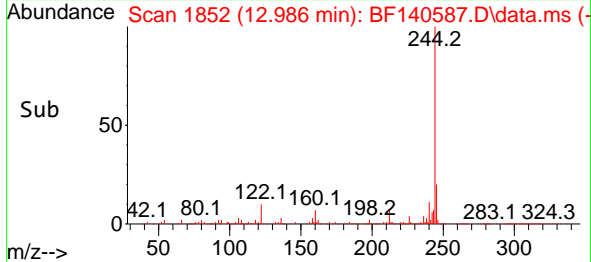
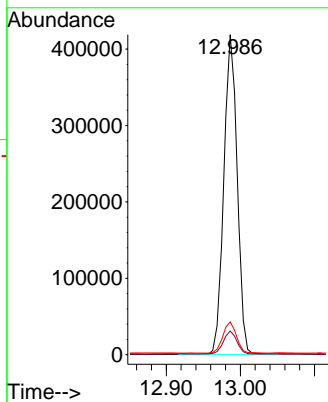
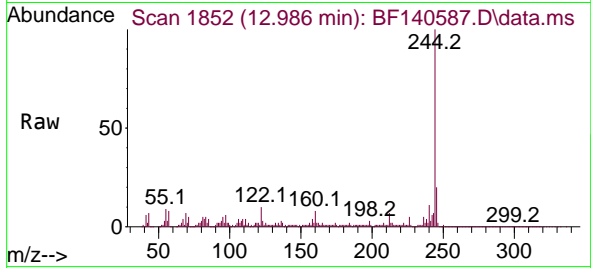




#79
 Terphenyl-d14
 Concen: 52.434 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

Instrument :
 BNA_F
 ClientSampleId :
 MH-734

Tgt Ion:244 Resp: 524490
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

Tgt Ion:264 Resp: 125827
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.6 16.6 25.0

