

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032870.D
 Acq On : 04 Nov 2021 12:13
 Operator : CG/JU
 Sample : M4470-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-2

Quant Time: Nov 04 14:29:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	120545	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	462976	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	273353	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	513082	20.000	ng	#-0.01
76) Chrysene-d12	21.065	240	438397	20.000	ng	#-0.01
86) Perylene-d12	23.177	264	457601	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.084	112	938720	135.763	ng	0.00
7) Phenol-d6	6.696	99	1071312	104.042	ng	0.00
23) Nitrobenzene-d5	8.642	82	817121	96.600	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	394399	128.831	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1701290	96.530	ng	0.00
79) Terphenyl-d14	19.518	244	1997939	99.499	ng	0.00

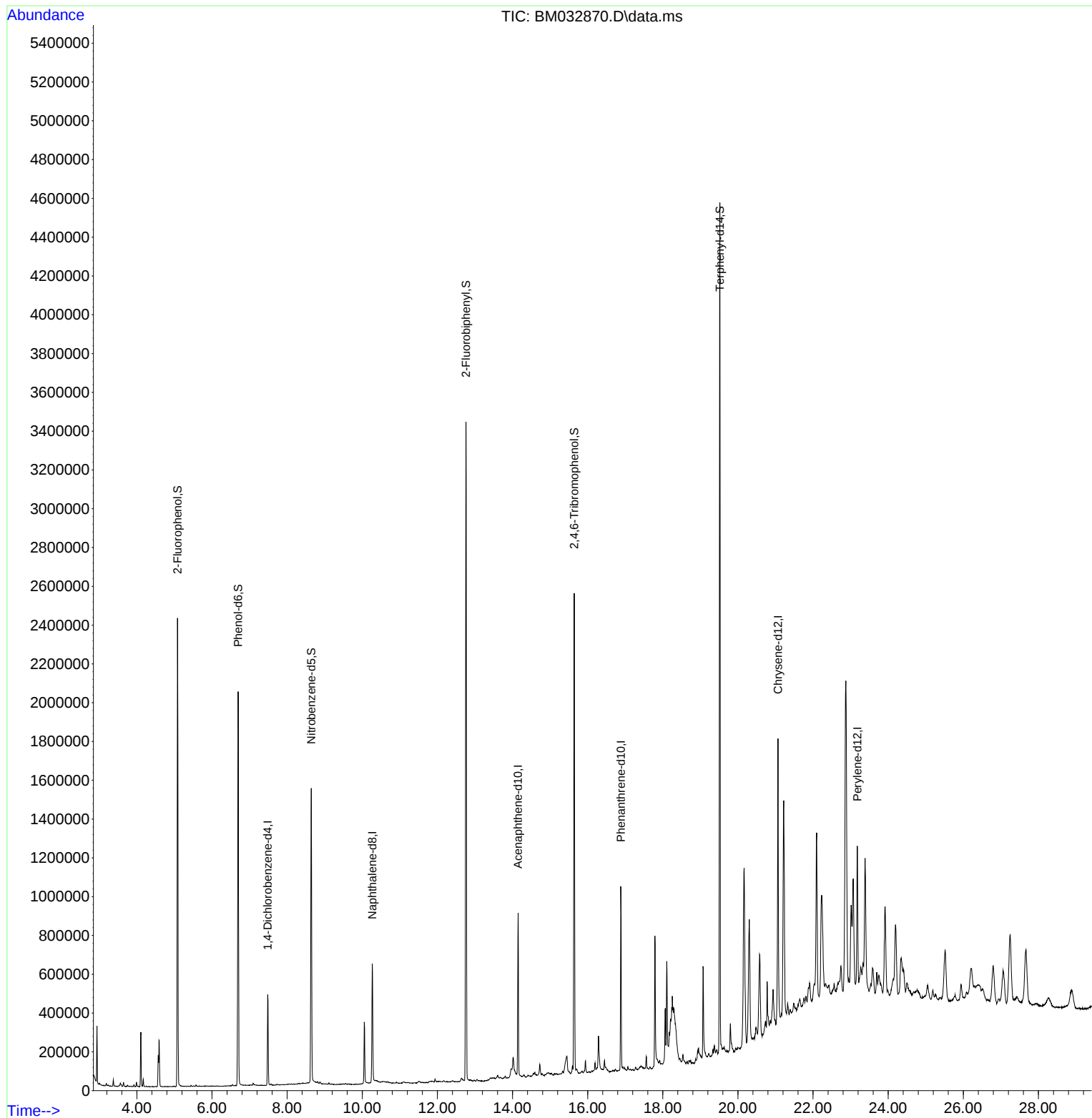
Target Compounds	Qvalue

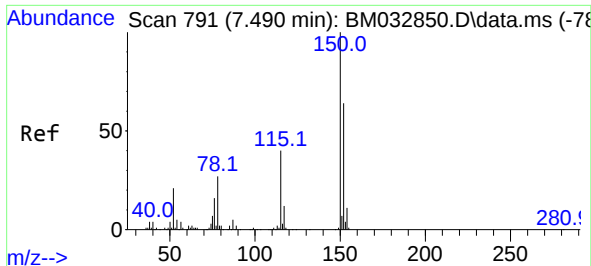
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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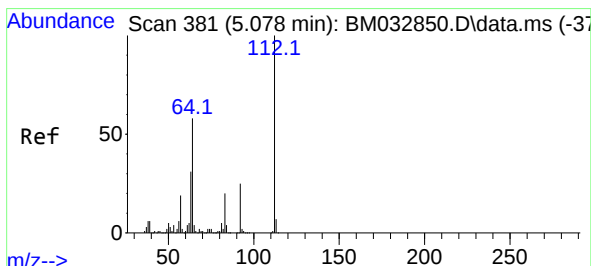
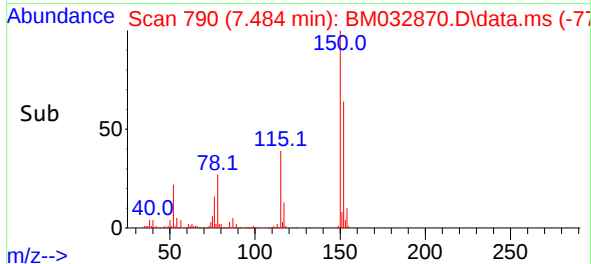
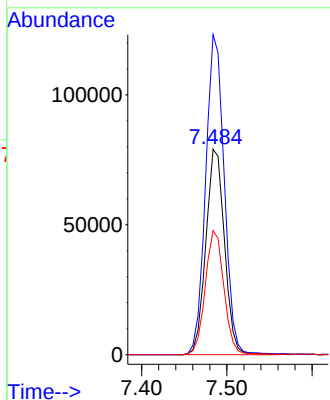
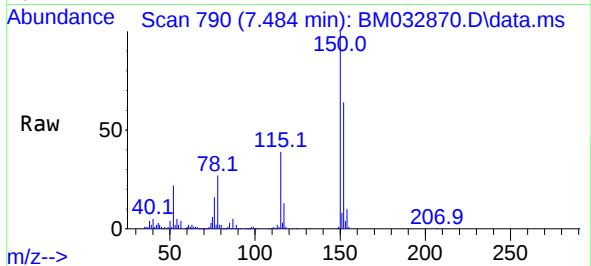




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

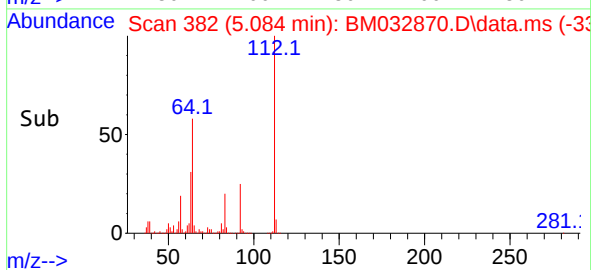
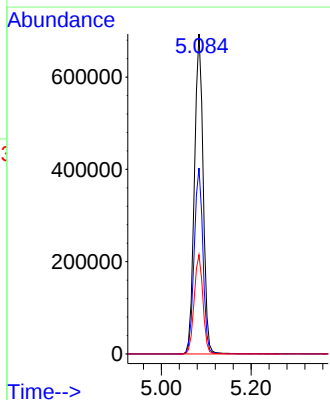
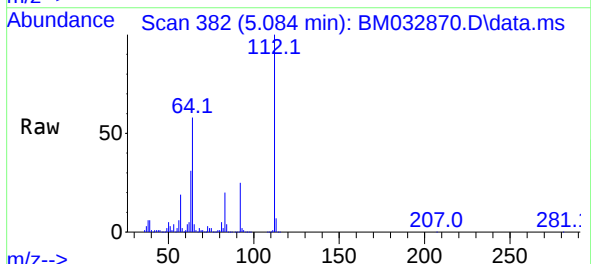
Instrument :
BNA_M
ClientSampleId :
SP-2

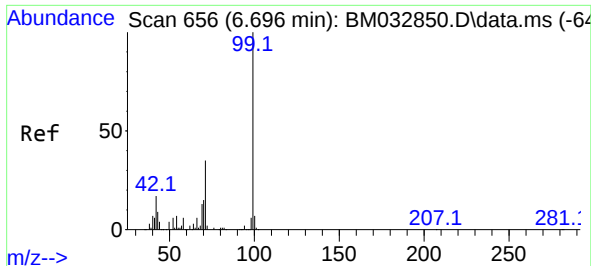
Tgt Ion:152 Resp: 120545
Ion Ratio Lower Upper
152 100
150 155.8 122.4 183.6
115 60.4 53.8 80.8



#5
2-Fluorophenol
Concen: 135.763 ng
RT: 5.084 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

Tgt Ion:112 Resp: 938720
Ion Ratio Lower Upper
112 100
64 58.1 53.7 80.5
63 31.0 33.9 50.9#

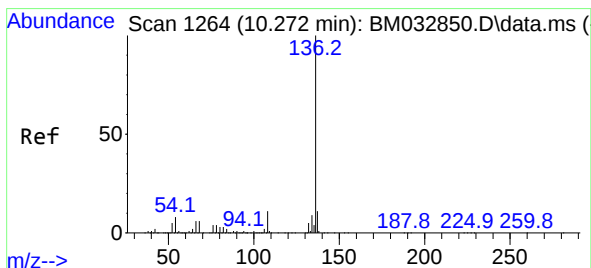
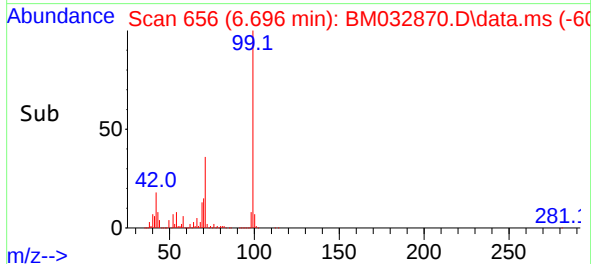
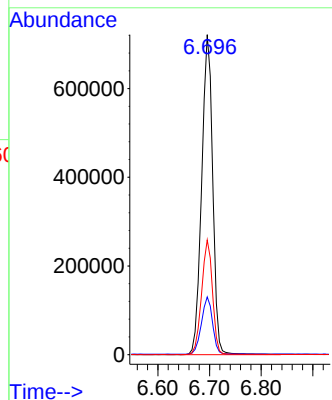
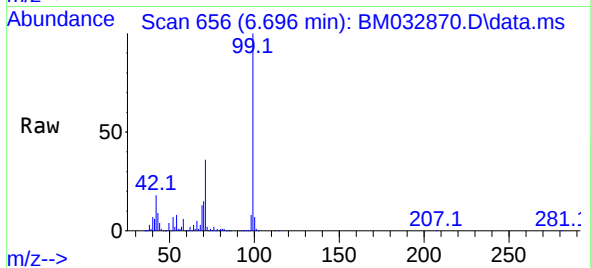




#7
Phenol-d6
Concen: 104.042 ng
RT: 6.696 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

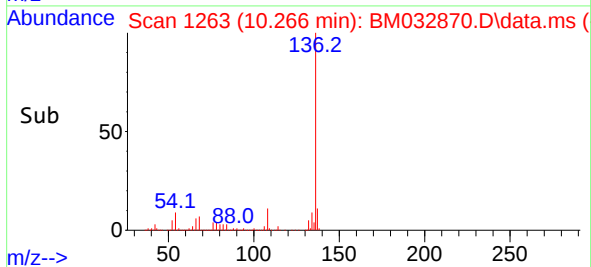
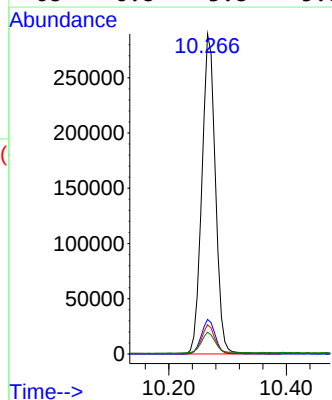
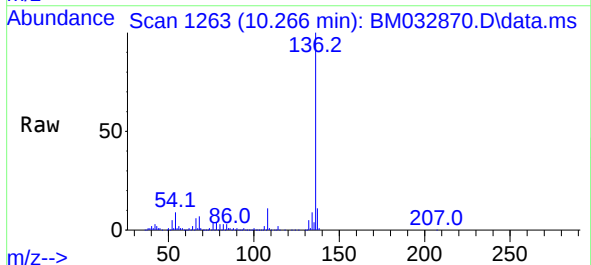
Instrument :
BNA_M
ClientSampleId :
SP-2

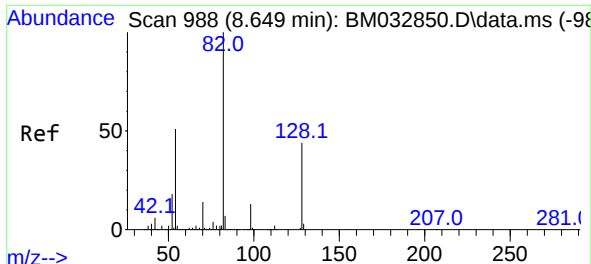
Tgt Ion: 99 Resp: 1071312
Ion Ratio Lower Upper
99 100
42 18.0 23.0 34.6#
71 35.9 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

Tgt Ion: 136 Resp: 462976
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.2 7.4 11.0
68 6.8 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 96.600 ng

RT: 8.642 min Scan# 988

Delta R.T. -0.006 min

Lab File: BM032870.D

Acq: 04 Nov 2021 12:13

Instrument :

BNA_M

ClientSampleId :

SP-2

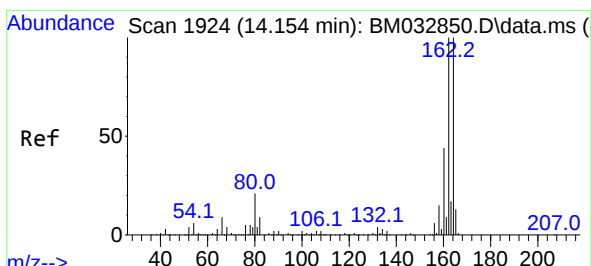
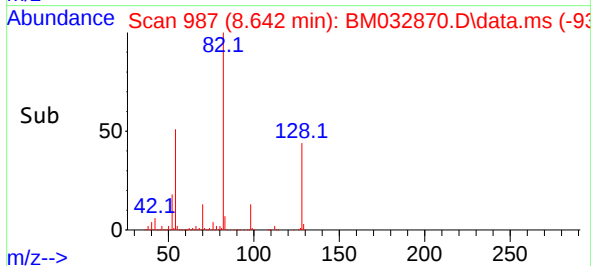
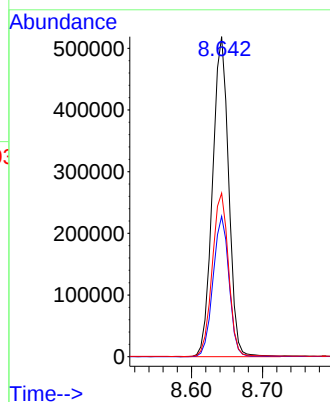
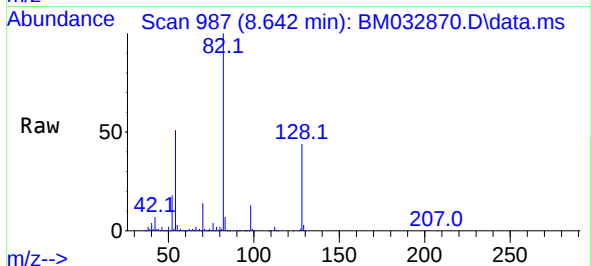
Tgt Ion: 82 Resp: 817121

Ion Ratio Lower Upper

82 100

128 43.9 29.0 43.6#

54 51.1 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.148 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BM032870.D

Acq: 04 Nov 2021 12:13

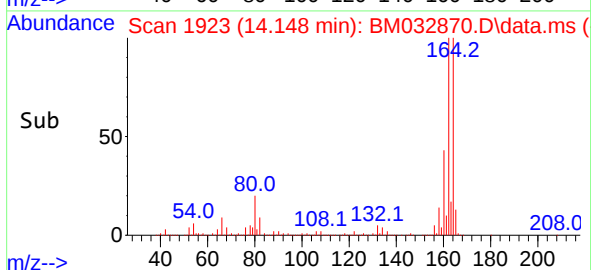
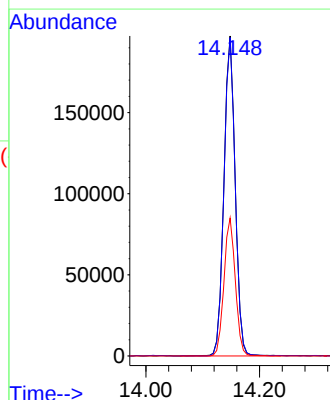
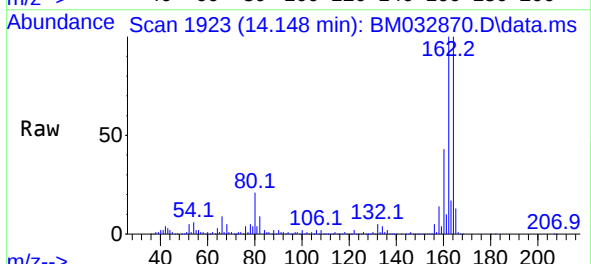
Tgt Ion: 164 Resp: 273353

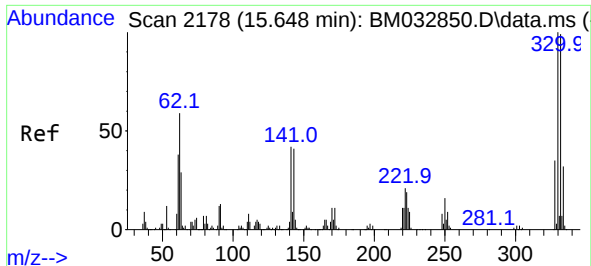
Ion Ratio Lower Upper

164 100

162 99.5 80.6 121.0

160 43.1 35.1 52.7

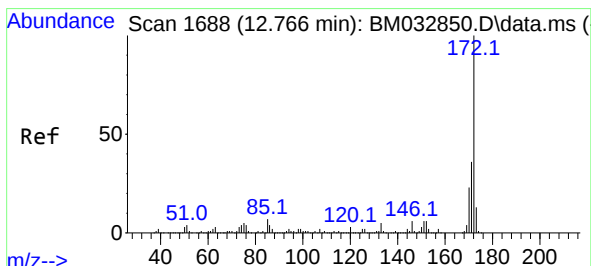
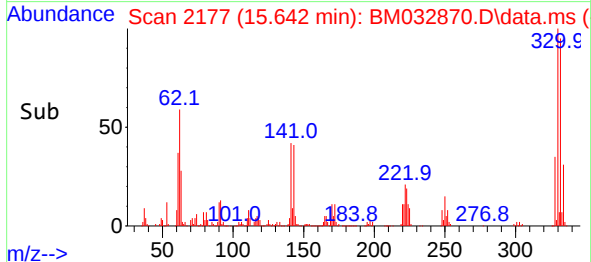
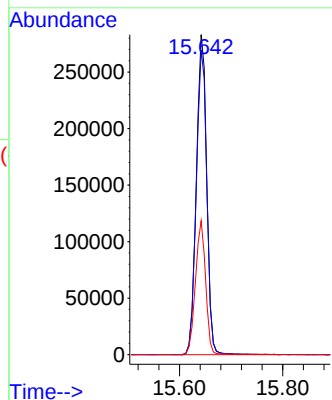
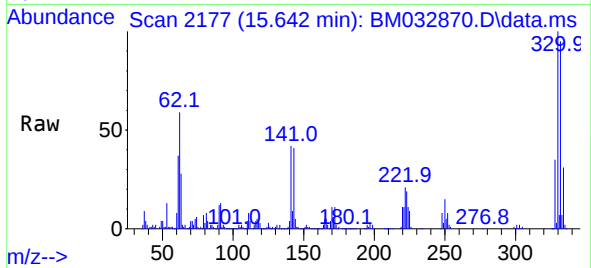




#42
2,4,6-Tribromophenol
Concen: 128.831 ng
RT: 15.642 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

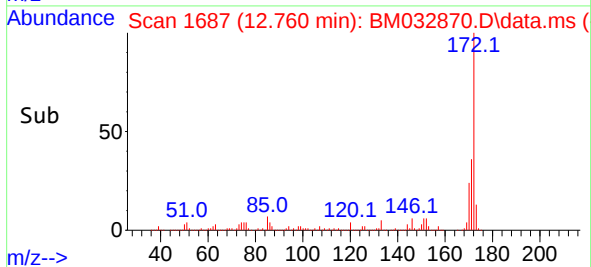
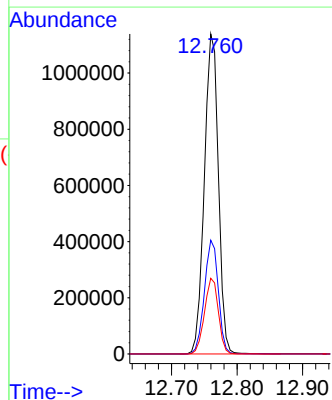
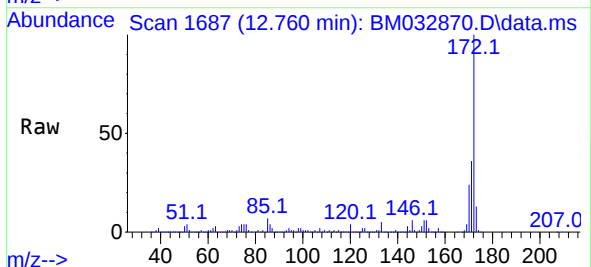
Instrument :
BNA_M
ClientSampleId :
SP-2

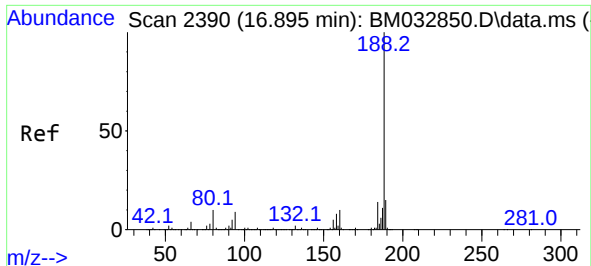
Tgt Ion:330 Resp: 394399
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 41.1 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 96.530 ng
RT: 12.760 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

Tgt Ion:172 Resp: 1701290
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 18.6 27.8

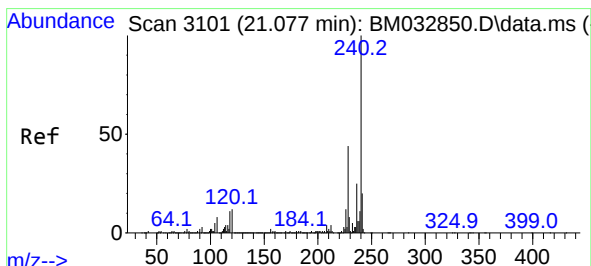
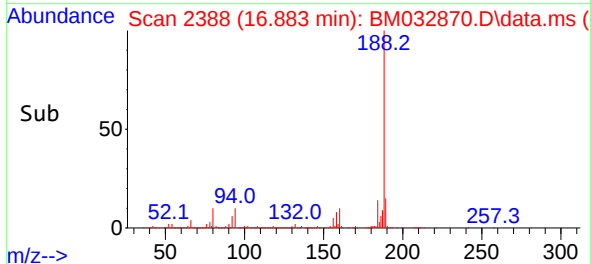
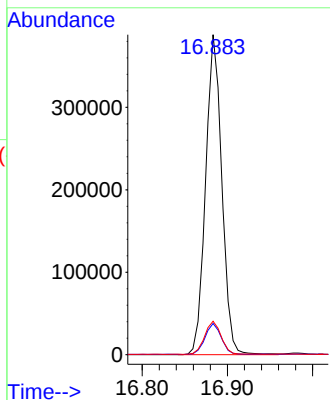
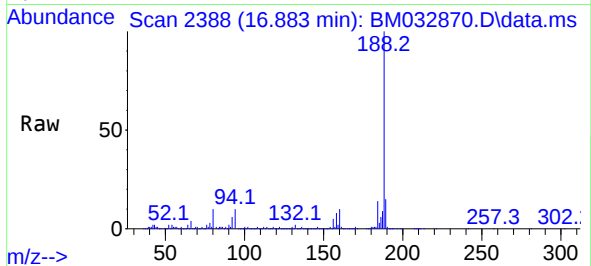




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

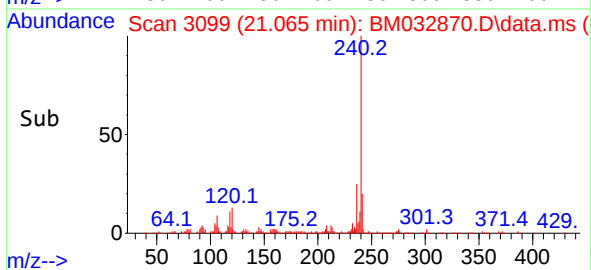
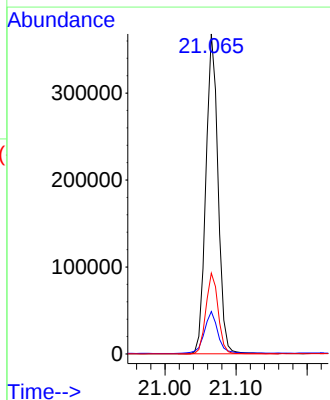
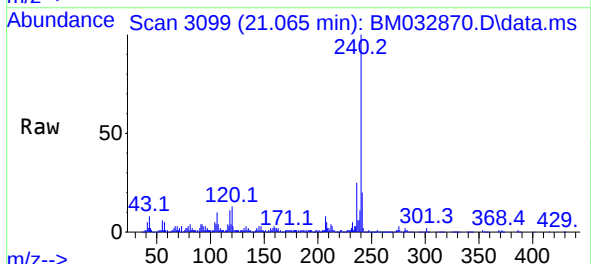
Instrument :
BNA_M
ClientSampleId :
SP-2

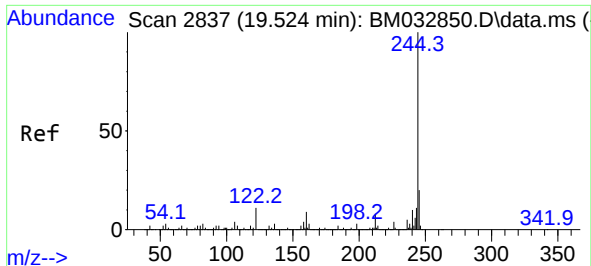
Tgt Ion:188 Resp: 513082
Ion Ratio Lower Upper
188 100
94 9.7 6.3 9.5#
80 10.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

Tgt Ion:240 Resp: 438397
Ion Ratio Lower Upper
240 100
120 13.2 7.8 11.6#
236 25.3 20.9 31.3

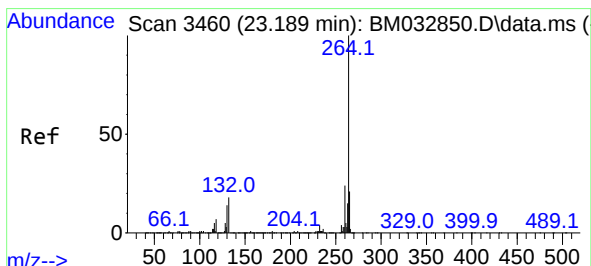
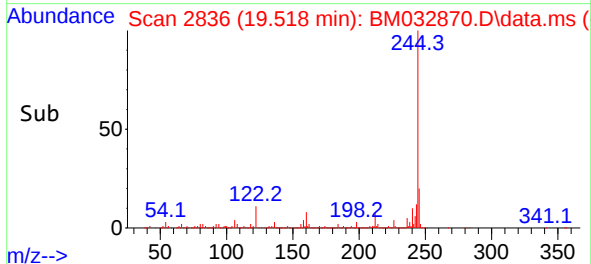
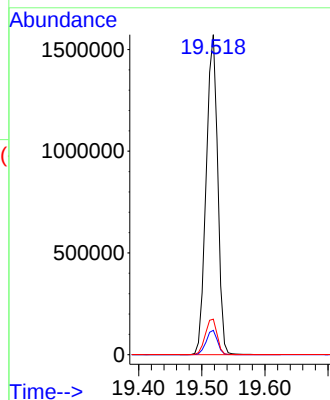
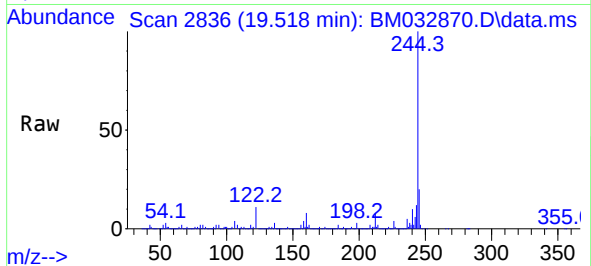




#79
Terphenyl-d14
Concen: 99.499 ng
RT: 19.518 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

Instrument :
BNA_M
ClientSampleId :
SP-2

Tgt Ion:244 Resp: 1997939
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 11.1 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.177 min Scan# 3458
Delta R.T. -0.012 min
Lab File: BM032870.D
Acq: 04 Nov 2021 12:13

Tgt Ion:264 Resp: 457601
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 21.9 18.3 27.5

