

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039991.D
 Acq On : 24 May 2023 19:26
 Operator : CG/JU
 Sample : 02888-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB-20(ELEV-28-26)

Quant Time: May 25 04:30:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

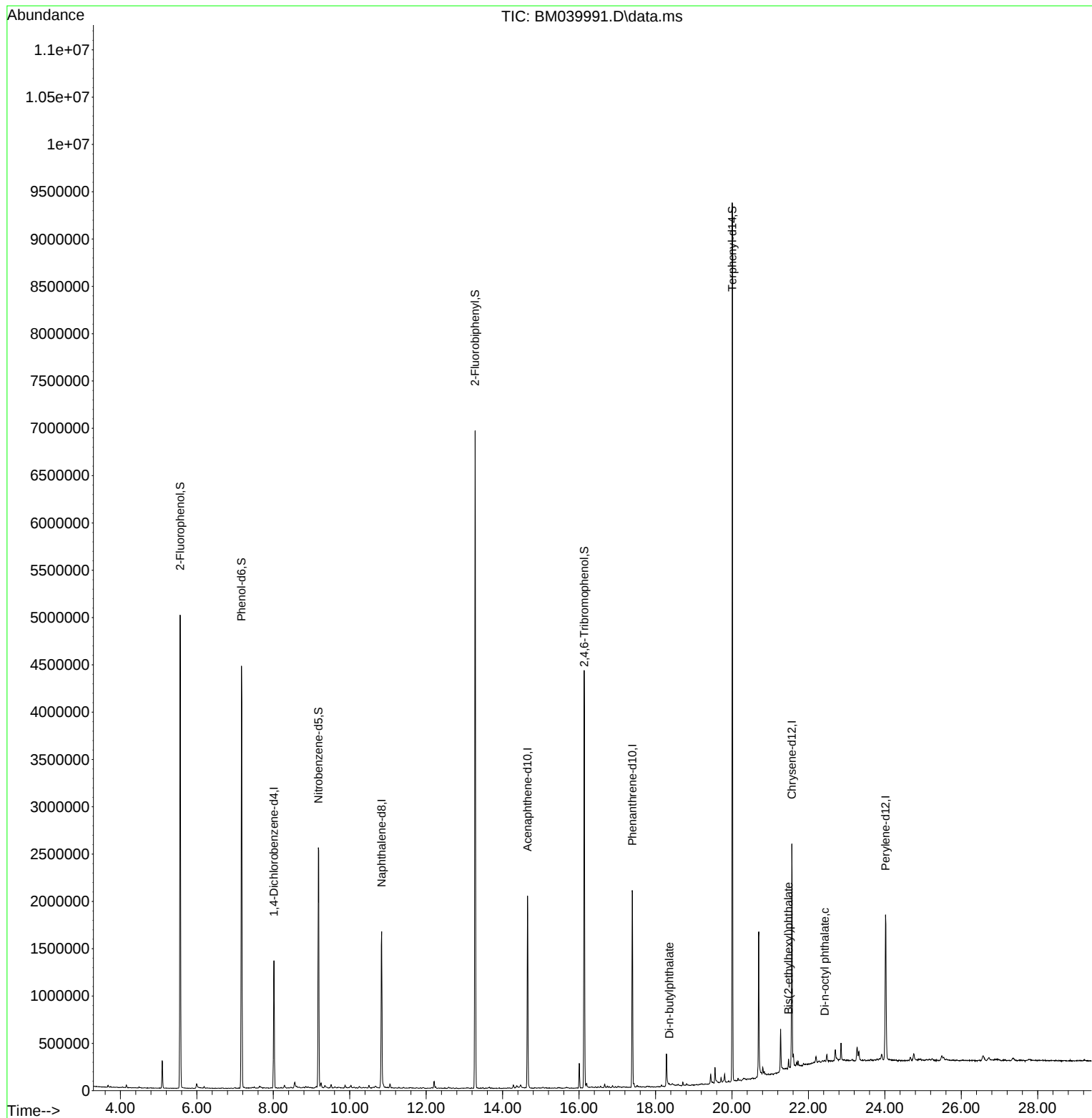
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	357011	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1360028	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	658717	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	1173018	20.000	ng	0.00
76) Chrysene-d12	21.568	240	946641	20.000	ng	0.00
86) Perylene-d12	24.021	264	1062275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2188562	94.034	ng	0.00
7) Phenol-d6	7.169	99	2599642	85.626	ng	0.00
23) Nitrobenzene-d5	9.181	82	1427818	56.650	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	745366	87.181	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	3233682	57.902	ng	0.00
79) Terphenyl-d14	20.009	244	3997457	65.567	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.362	149	8587	3.761	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.480	149	33348	4.280	ng	# 96
85) Di-n-octyl phthalate	22.427	149	12522	6.768	ng	# 88

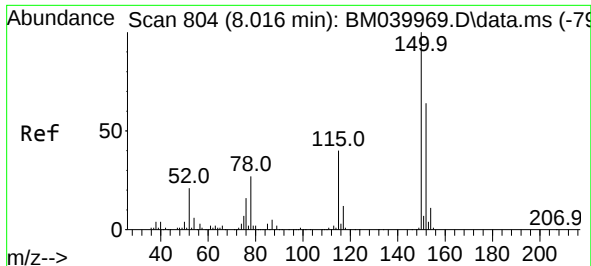
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 25 04:30:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 01:06:13 2023
Response via : Initial Calibration

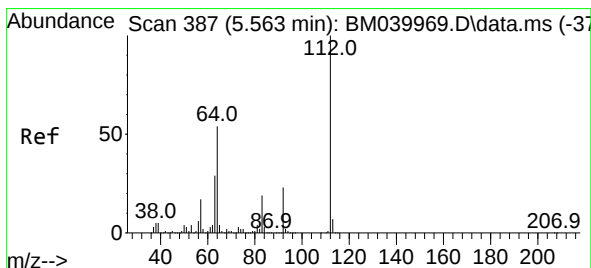
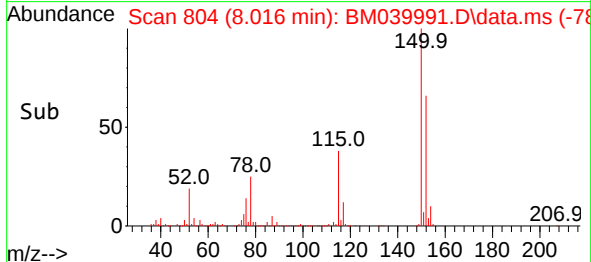
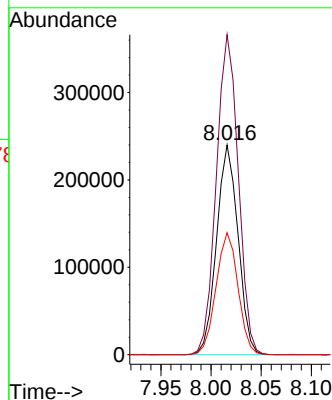
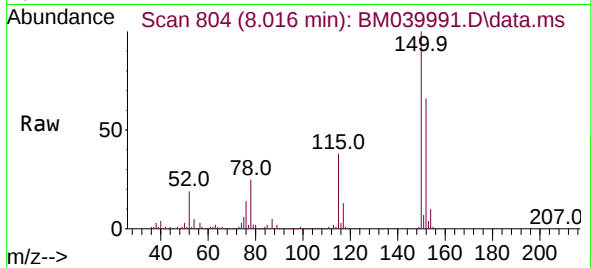




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

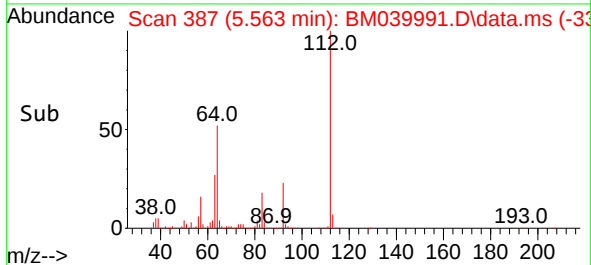
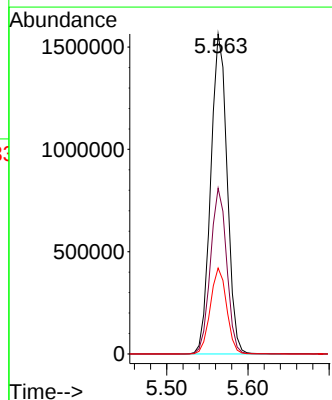
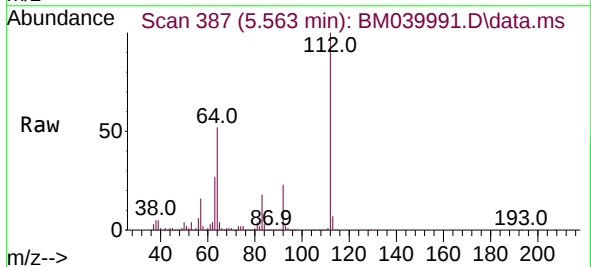
Instrument :
BNA_M
ClientSampleId :
FS-SB-20(ELEV-28-26)

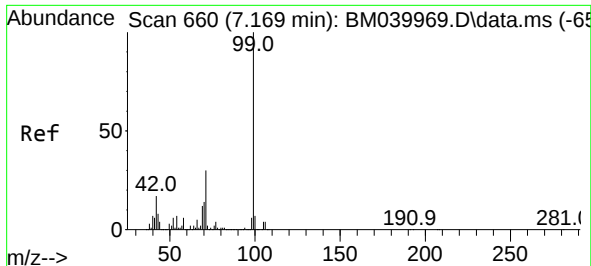
Tgt Ion:152 Resp: 357011
Ion Ratio Lower Upper
152 100
150 152.5 125.5 188.3
115 58.1 50.2 75.2



#5
2-Fluorophenol
Concen: 94.034 ng
RT: 5.563 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Tgt Ion:112 Resp: 2188562
Ion Ratio Lower Upper
112 100
64 51.8 43.0 64.4
63 26.8 22.9 34.3



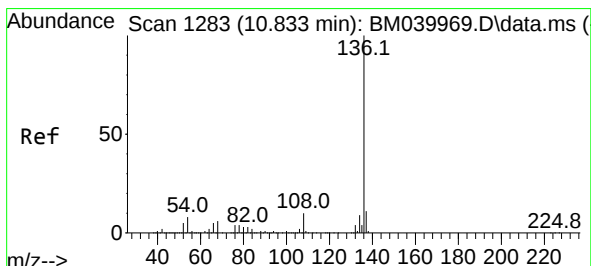
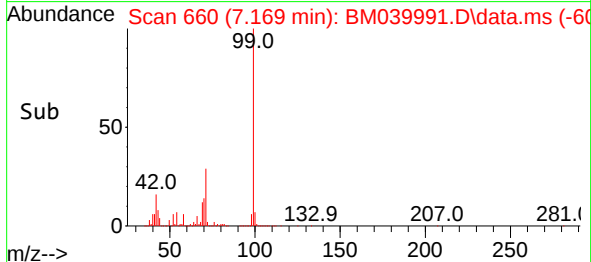
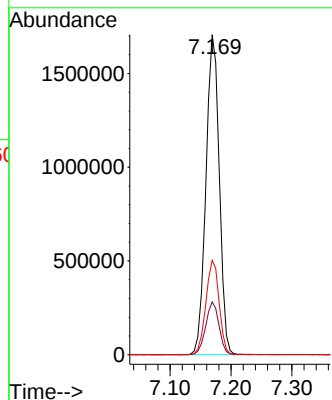
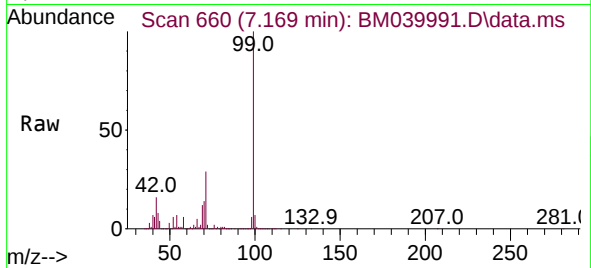


#7
Phenol-d6
Concen: 85.626 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Instrument :
BNA_M
ClientSampleId :
FS-SB-20(ELEV-28-26)

Tgt Ion: 99 Resp: 2599642

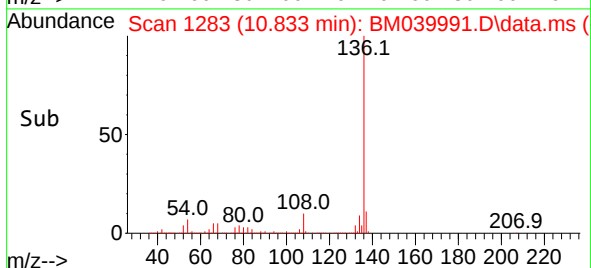
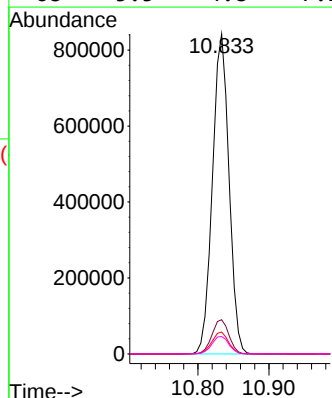
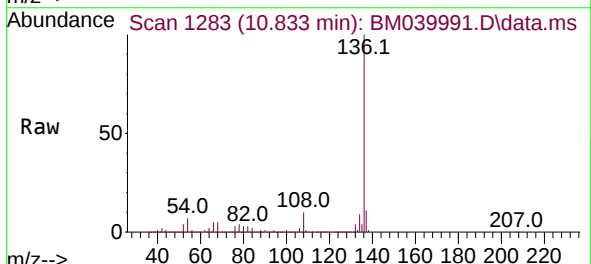
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	29.5	24.4	36.6

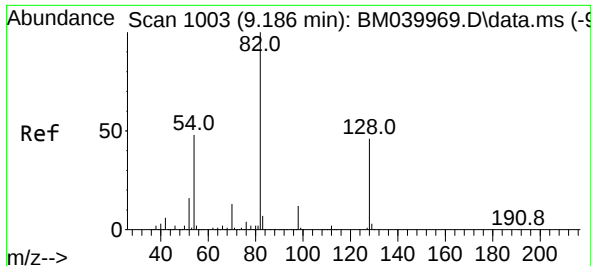


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Tgt Ion: 136 Resp: 1360028

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.8	6.1	9.1
68	5.5	4.8	7.2

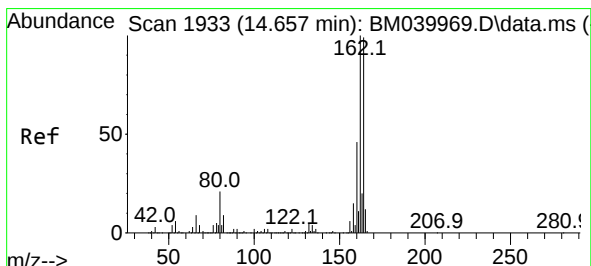
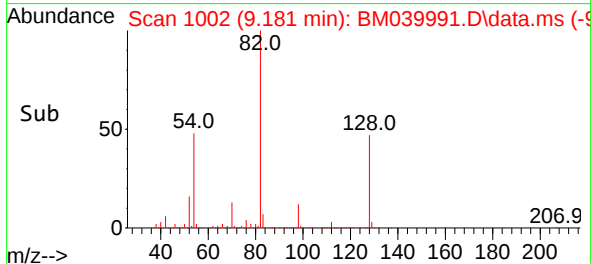
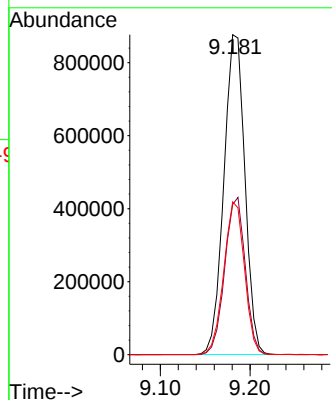
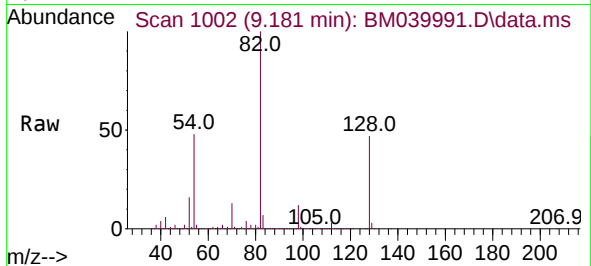




#23
Nitrobenzene-d5
Concen: 56.650 ng
RT: 9.181 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

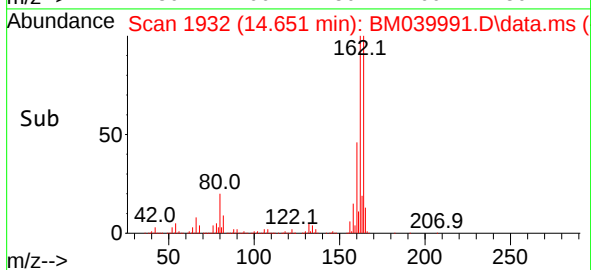
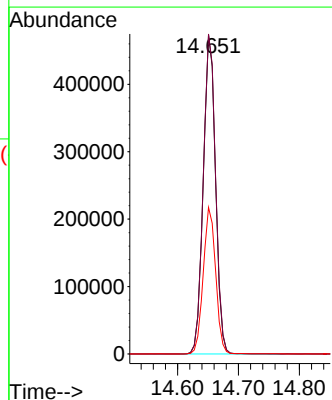
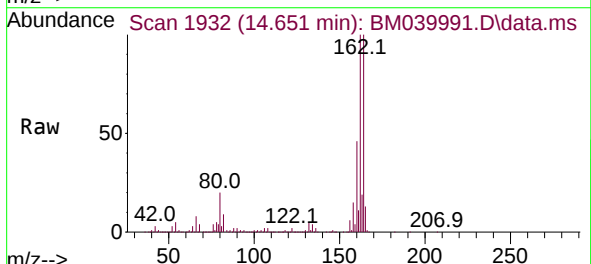
Instrument :
BNA_M
ClientSampleId :
FS-SB-20(ELEV-28-26)

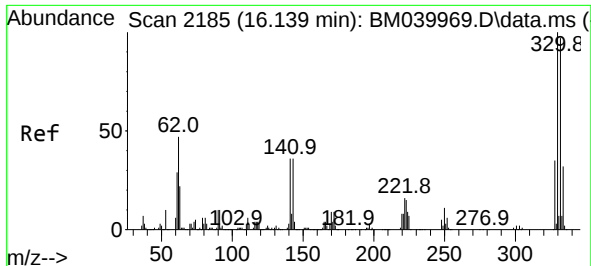
Tgt Ion: 82 Resp: 1427818
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 47.8 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Tgt Ion:164 Resp: 658717
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 45.9 36.7 55.1

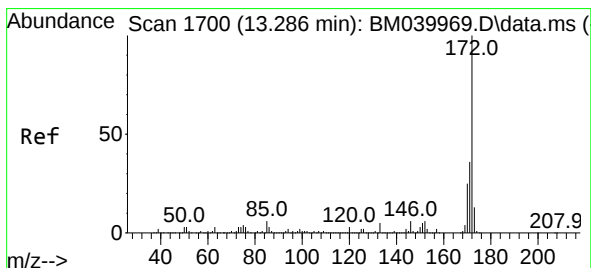
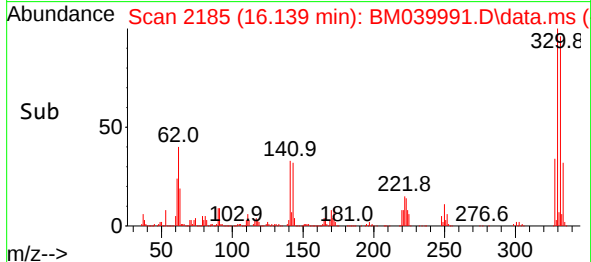
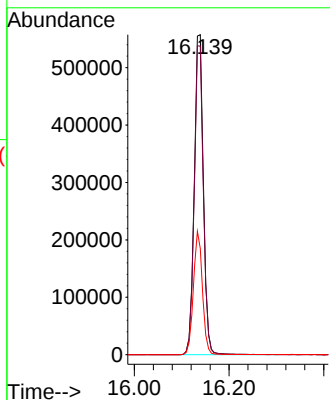
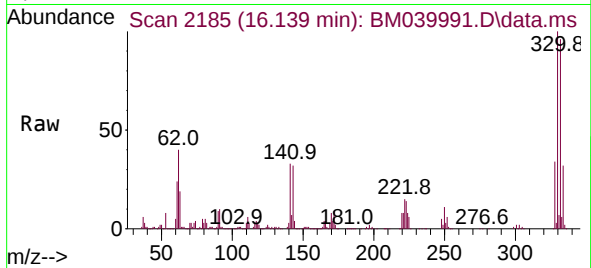




#42
2,4,6-Tribromophenol
Concen: 87.181 ng
RT: 16.139 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

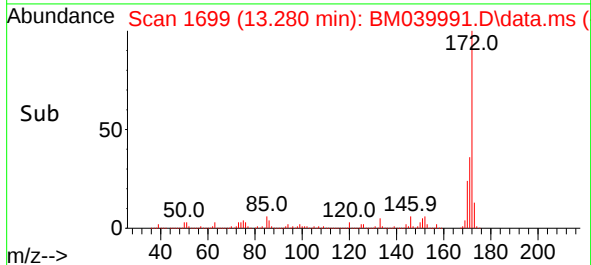
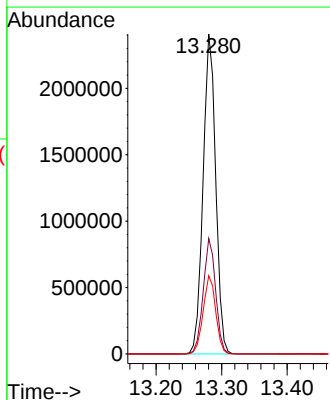
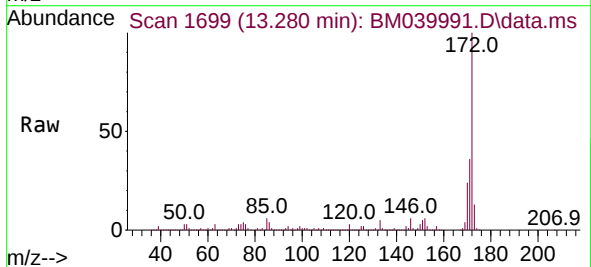
Instrument :
BNA_M
ClientSampleId :
FS-SB-20(ELEV-28-26)

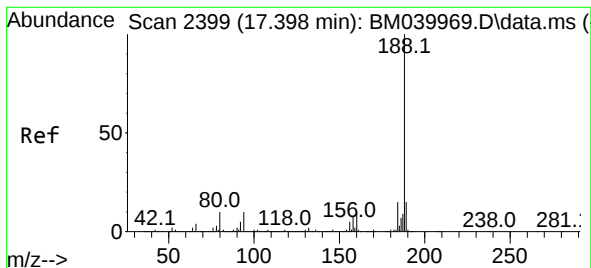
Tgt Ion:330 Resp: 745366
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 38.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 57.902 ng
RT: 13.280 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM039991.D
Acq: 24 May 2023 19:26

Tgt Ion:172 Resp: 3233682
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

Instrument :

BNA_M

ClientSampleId :

FS-SB-20(ELEV-28-26)

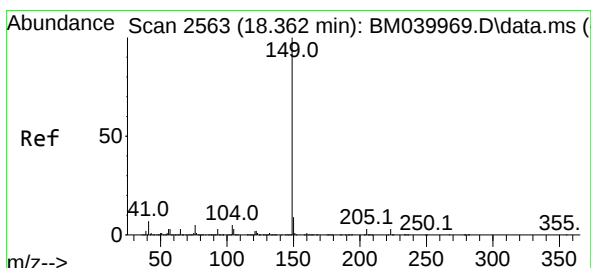
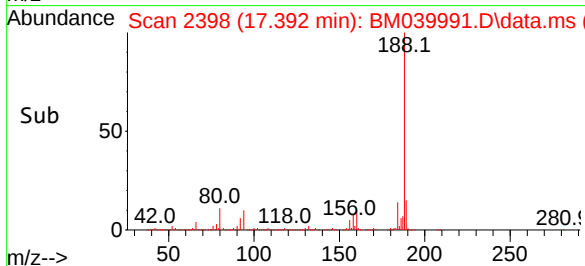
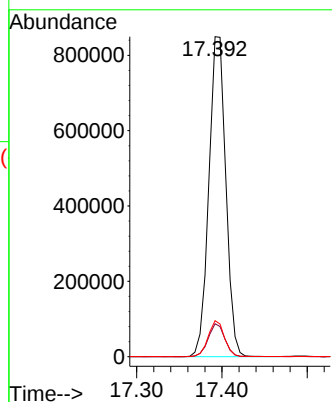
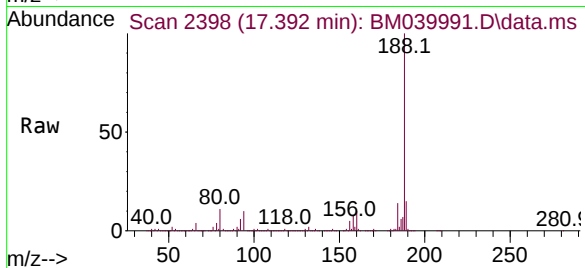
Tgt Ion:188 Resp: 1173018

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.8

80 11.2 8.2 12.4



#74

Di-n-butylphthalate

Concen: 3.761 ng

RT: 18.362 min Scan# 2563

Delta R.T. 0.000 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

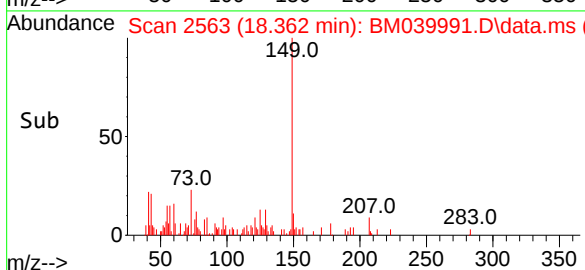
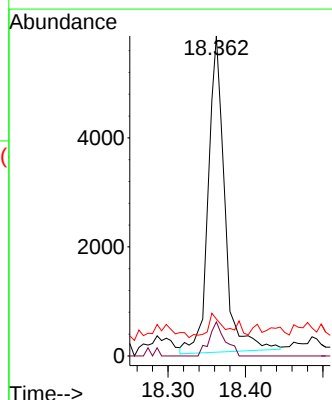
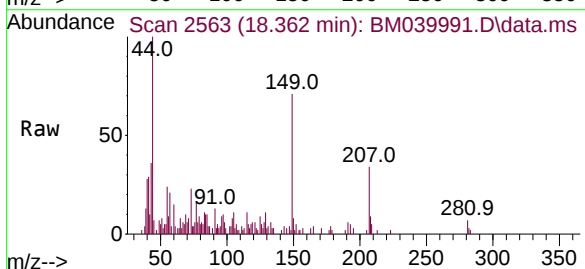
Tgt Ion:149 Resp: 8587

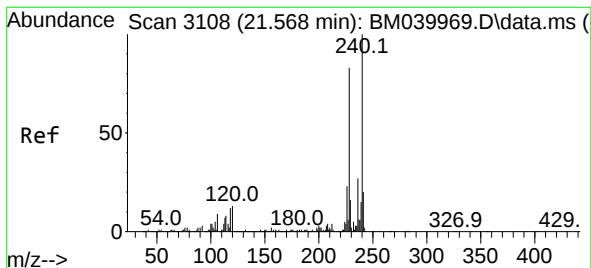
Ion Ratio Lower Upper

149 100

150 10.7 7.4 11.2

104 11.6 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

Instrument :

BNA_M

ClientSampleId :

FS-SB-20(ELEV-28-26)

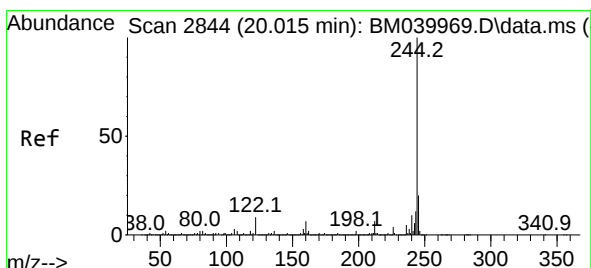
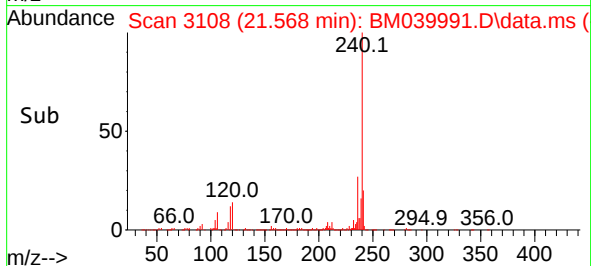
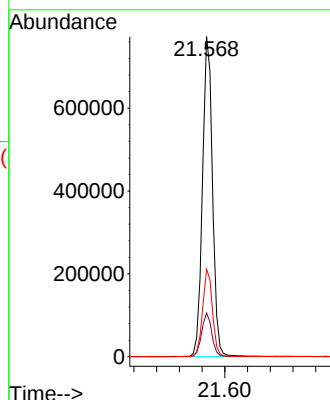
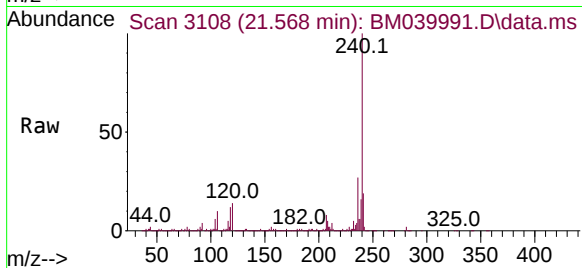
Tgt Ion:240 Resp: 946641

Ion Ratio Lower Upper

240 100

120 13.7 10.1 15.1

236 27.3 21.3 31.9



#79

Terphenyl-d14

Concen: 65.567 ng

RT: 20.009 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

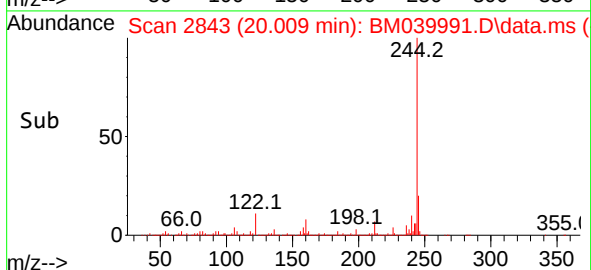
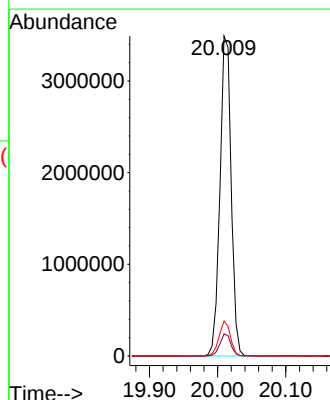
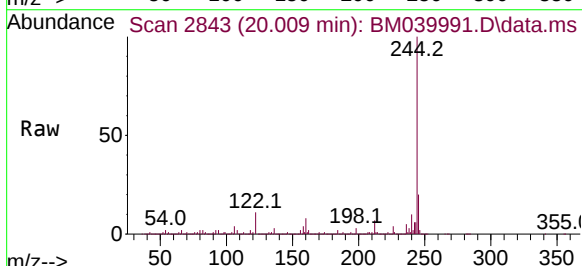
Tgt Ion:244 Resp: 3997457

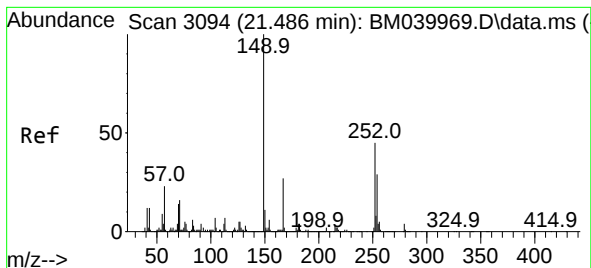
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.9 7.1 10.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.280 ng

RT: 21.480 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

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FS-SB-20(ELEV-28-26)

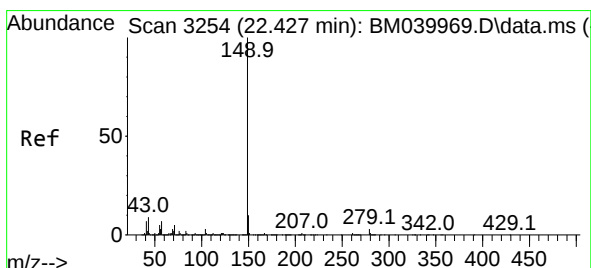
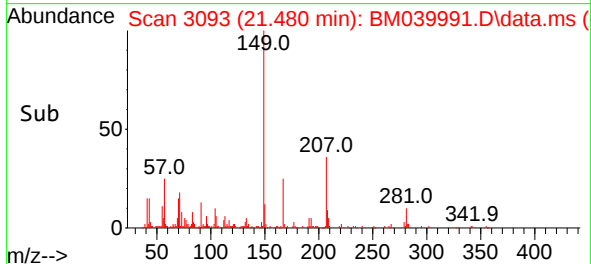
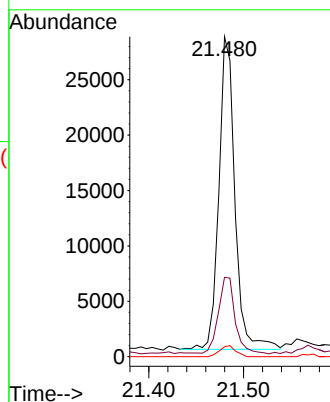
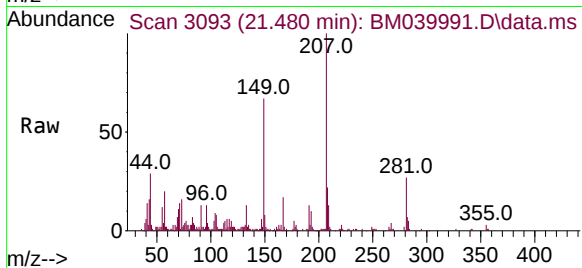
Tgt Ion:149 Resp: 33348

Ion Ratio Lower Upper

149 100

167 24.8 21.4 32.2

279 3.1 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 6.768 ng

RT: 22.427 min Scan# 3254

Delta R.T. -0.000 min

Lab File: BM039991.D

Acq: 24 May 2023 19:26

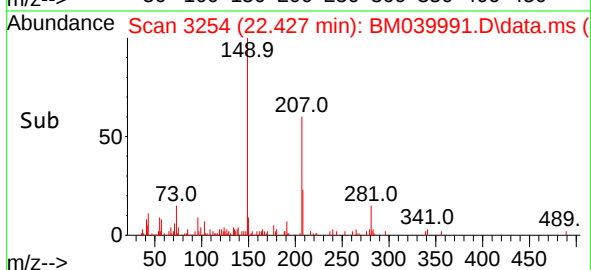
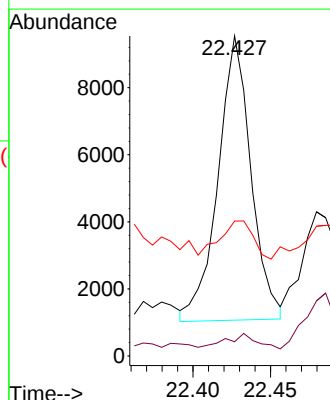
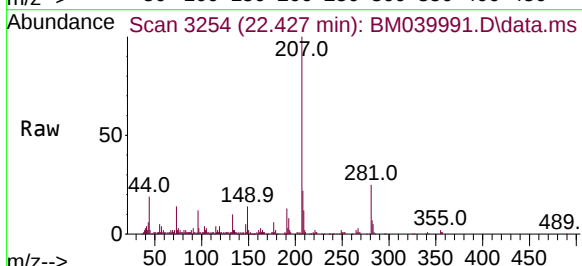
Tgt Ion:149 Resp: 12522

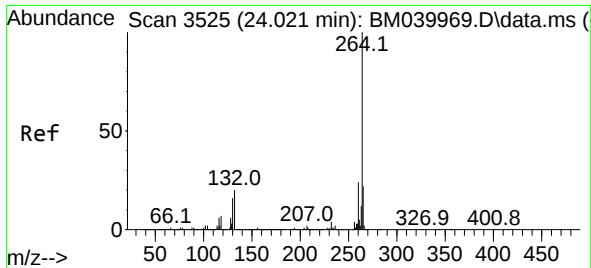
Ion Ratio Lower Upper

149 100

167 5.0 1.1 1.7#

43 13.6 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.021 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM039991.D
 Acq: 24 May 2023 19:26

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB-20(ELEV-28-26)

Tgt Ion:264 Resp: 1062275
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.0 17.7 26.5

