

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033414.D
 Acq On : 11 Dec 2021 16:17
 Operator : CG/JU
 Sample : M4965-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-COMP

Quant Time: Dec 12 00:24:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 12 00:15:00 2021
 Response via : Initial Calibration

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

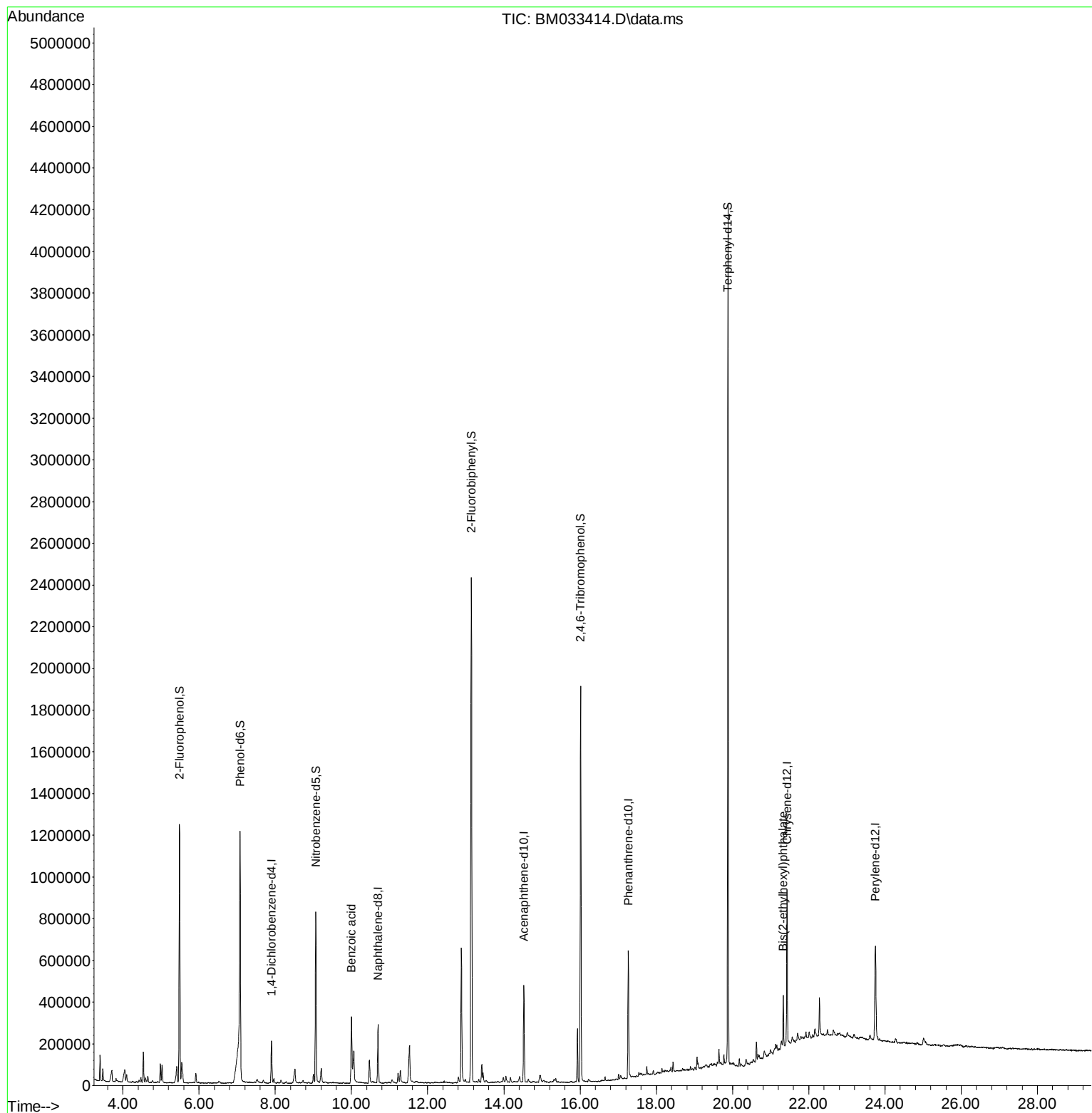
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	49049	20.00	ng	0.00
21) Naphthalene-d8	10.695	136	205215	20.00	ng	0.00
39) Acenaphthene-d10	14.525	164	149954	20.00	ng	0.00
64) Phenanthrene-d10	17.266	188	340440	20.00	ng	0.00
76) Chrysene-d12	21.430	240	347327	20.00	ng	0.00
86) Perylene-d12	23.748	264	345495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	445422	148.98	ng	0.00
7) Phenol-d6	7.078	99	574490	137.81	ng	0.00
23) Nitrobenzene-d5	9.066	82	438972	90.83	ng	0.00
42) 2,4,6-Tribromophenol	16.013	330	277630	173.08	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	1057366	97.54	ng	0.00
79) Terphenyl-d14	19.877	244	1757650	93.76	ng	0.00
Target Compounds						
32) Benzoic acid	9.995	122	9146	4.66	ng	96
84) Bis(2-ethylhexyl)phtha...	21.330	149	69220	5.16	ng	100

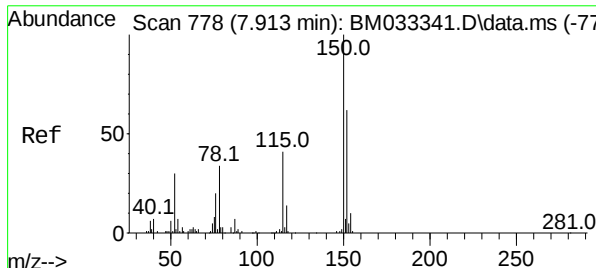
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 12 00:24:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 12 00:15:00 2021
Response via : Initial Calibration

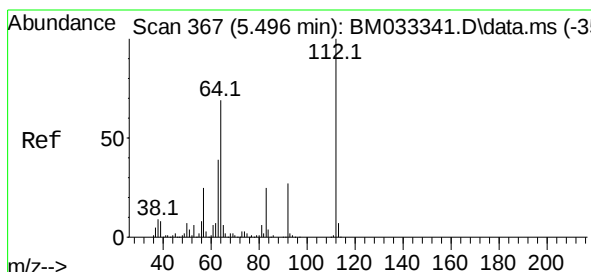
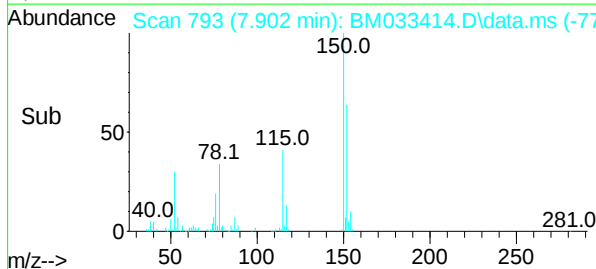
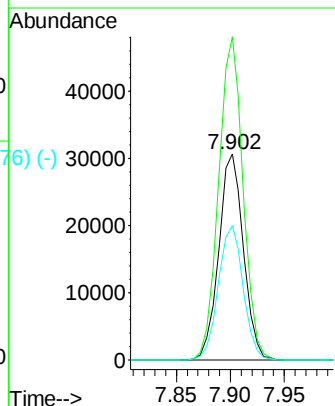
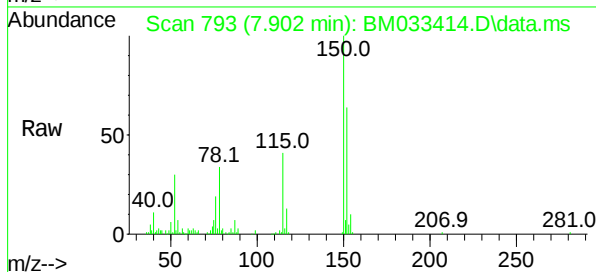




Scan 778 (7.913 min): BM033414.D\data.ms (-770) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.902 min Scan#
 Delta R.T. 0.001 min
 Lab File: BM033414.D
 Acq: 11 Dec 2021 16:17

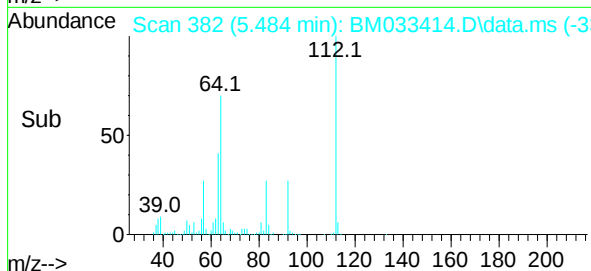
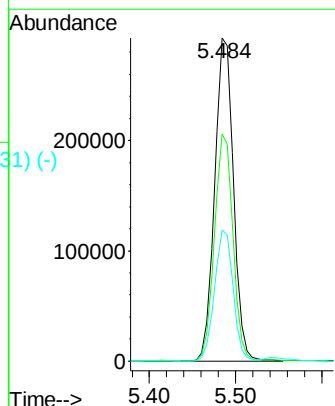
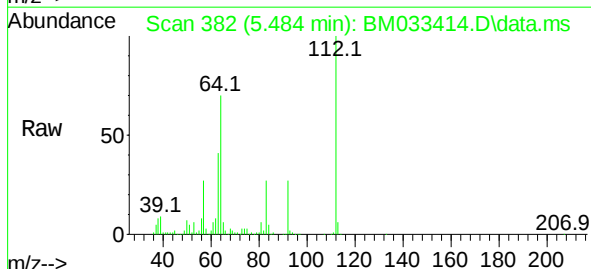
Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-COMP

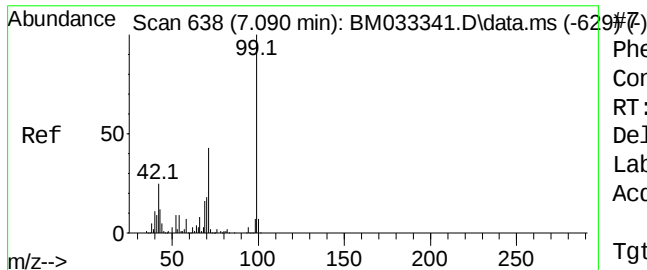
Tgt Ion:	152	Resp:	49049
Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.9	193.3
115	65.1	53.0	79.6



Scan 367 (5.496 min): BM033414.D\data.ms (-359) #5
 2-Fluorophenol
 Concen: 148.98 ng
 RT: 5.484 min Scan# 382
 Delta R.T. 0.000 min
 Lab File: BM033414.D
 Acq: 11 Dec 2021 16:17

Tgt Ion:	112	Resp:	445422
Ion	Ratio	Lower	Upper
112	100		
64	70.2	55.5	83.3
63	40.6	31.3	46.9





Phenol-d6

Concen: 137.81 ng

RT: 7.078 min Scan#

Delta R.T. 0.006 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

Instrument :

BNA_M

ClientSampleId :

BLUE-CONCRETE-COMP

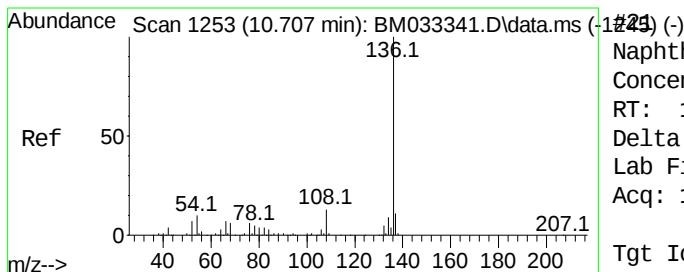
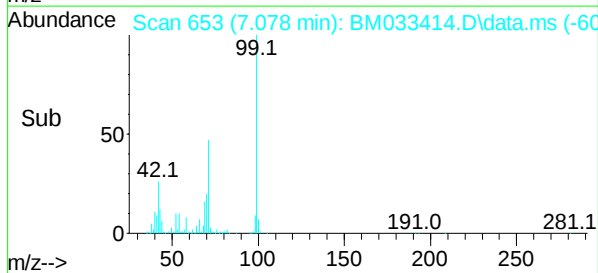
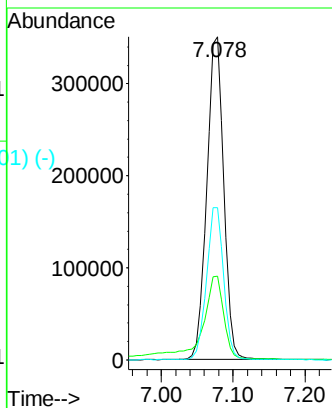
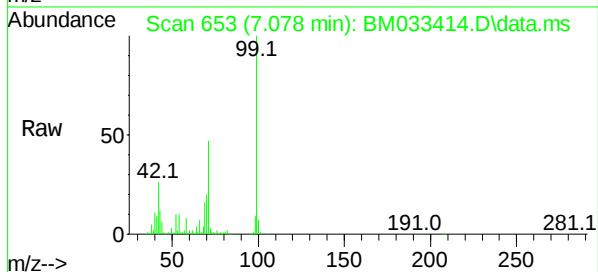
Tgt Ion: 99 Resp: 574490

Ion Ratio Lower Upper

99 100

42 25.9 20.3 30.5

71 47.1 34.5 51.7



Naphthalene-d8

Concen: 20.00 ng

RT: 10.695 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

Tgt Ion: 136 Resp: 205215

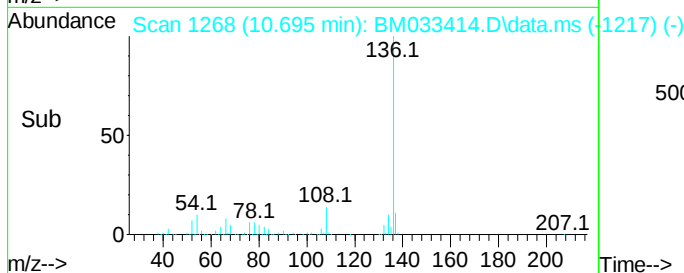
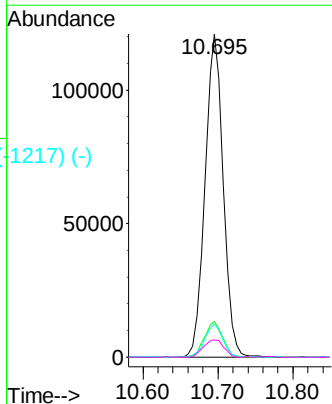
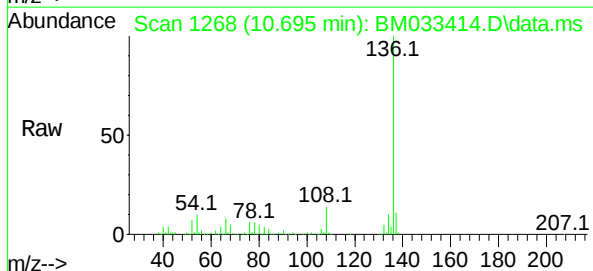
Ion Ratio Lower Upper

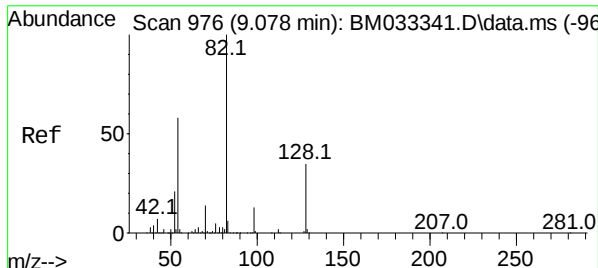
136 100

137 11.0 8.6 13.0

54 10.4 8.3 12.5

68 5.2 5.0 7.6





Nitrobenzene-d5

Concen: 90.83 ng

RT: 9.066 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

Instrument :

BNA_M

ClientSampleId :

BLUE-CONCRETE-COMP

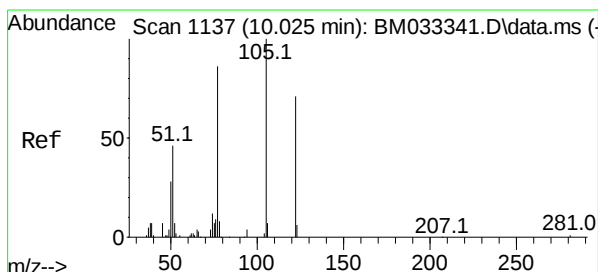
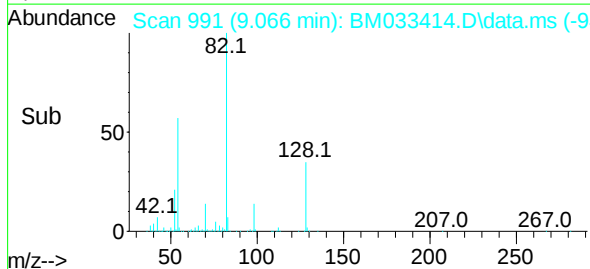
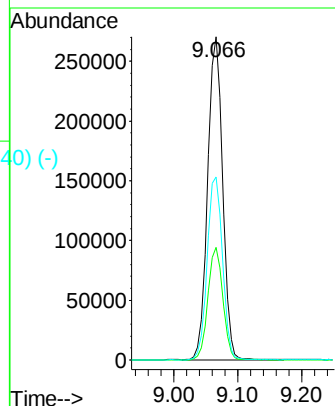
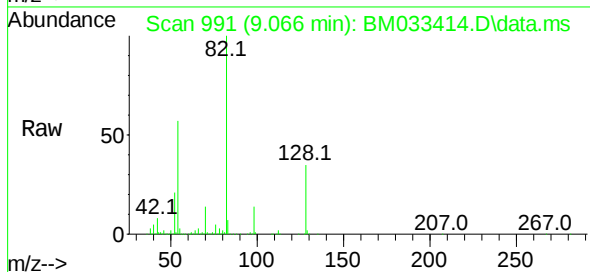
Tgt Ion: 82 Resp: 438972

Ion Ratio Lower Upper

82 100

128 34.9 28.1 42.1

54 56.6 46.1 69.1



Benzoic acid

Concen: 4.66 ng

RT: 9.995 min Scan# 1149

Delta R.T. -0.023 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

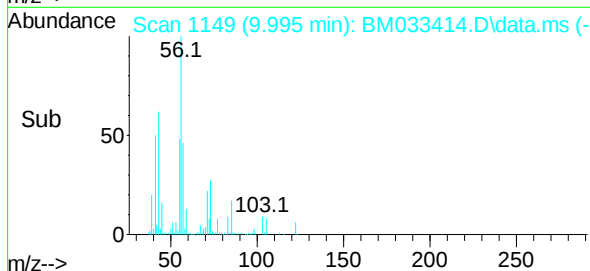
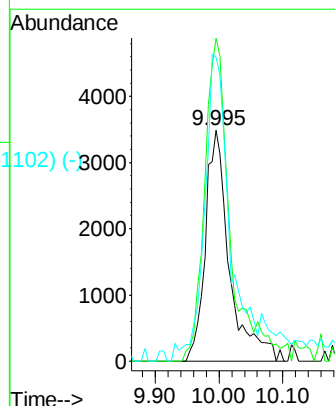
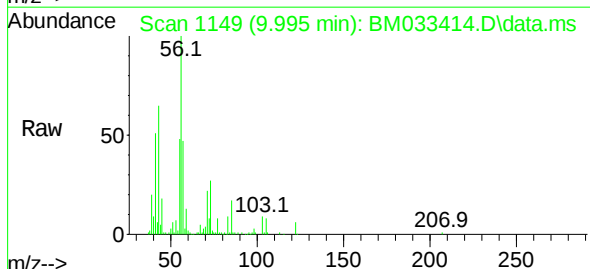
Tgt Ion: 122 Resp: 9146

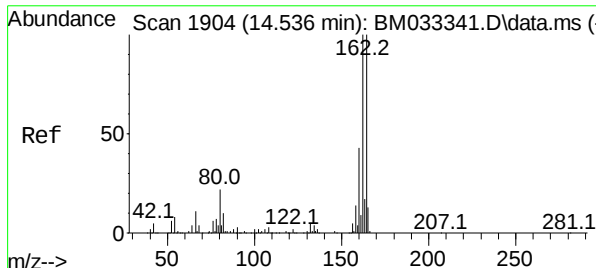
Ion Ratio Lower Upper

122 100

105 139.8 119.6 159.6

77 131.5 101.0 141.0





(-1868) (-)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.525 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

Instrument :

BNA_M

ClientSampleId :

BLUE-CONCRETE-COMP

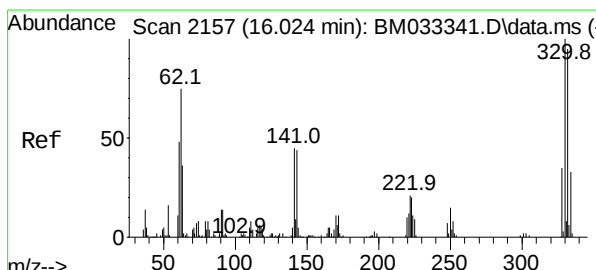
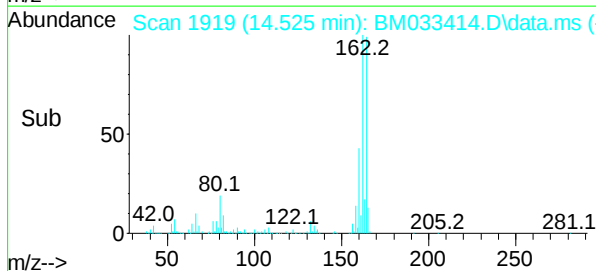
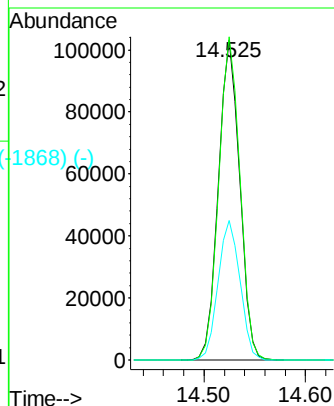
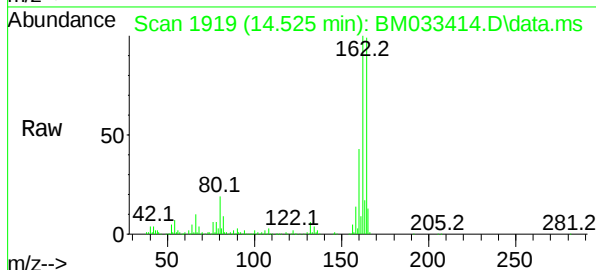
Tgt Ion:164 Resp: 149954

Ion Ratio Lower Upper

164 100

162 101.1 79.7 119.5

160 43.6 34.2 51.4



(-2121) (-)

2,4,6-Tribromophenol

Concen: 173.08 ng

RT: 16.013 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

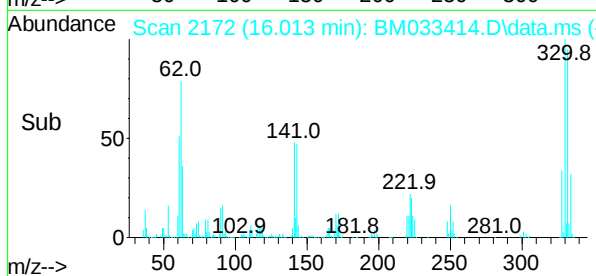
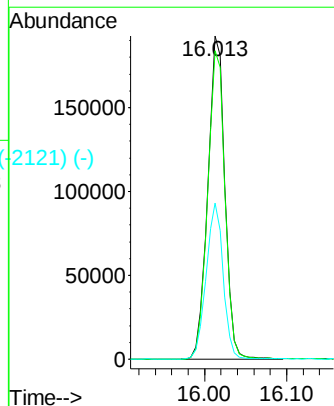
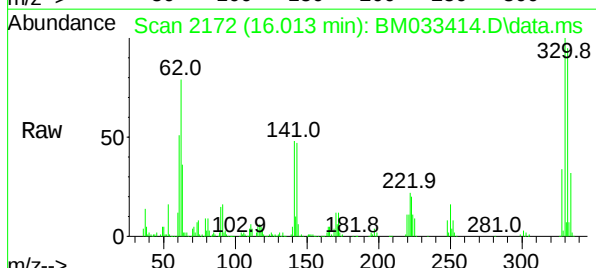
Tgt Ion:330 Resp: 277630

Ion Ratio Lower Upper

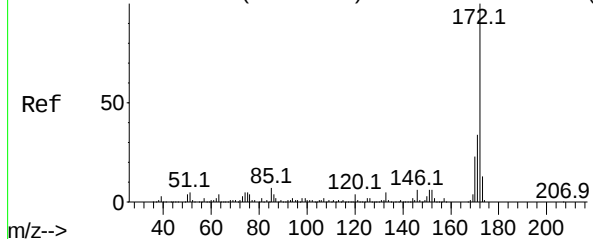
330 100

332 96.5 76.5 114.7

141 48.2 35.9 53.9



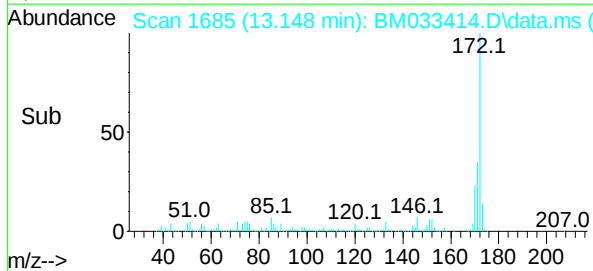
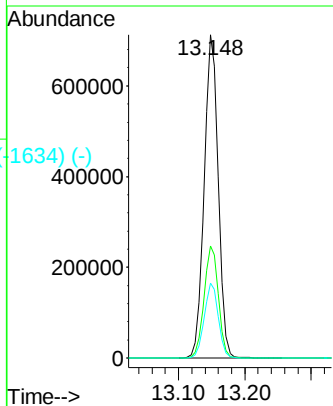
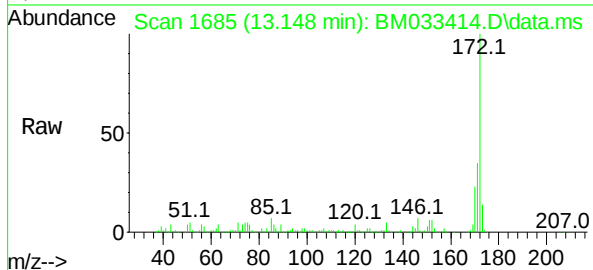
Abundance Scan 1670 (13.160 min): BM033341.D\data.ms (-1665) (-)



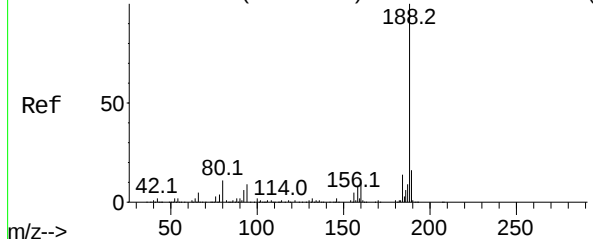
2-Fluorobiphenyl
Concen: 97.54 ng
RT: 13.148 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

Instrument :
BNA_M
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BLUE-CONCRETE-COMP

Tgt Ion:172 Resp: 1057366
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 23.2 18.7 28.1

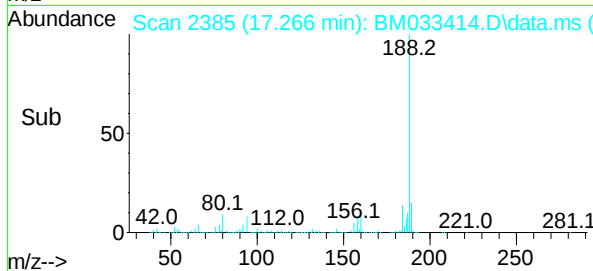
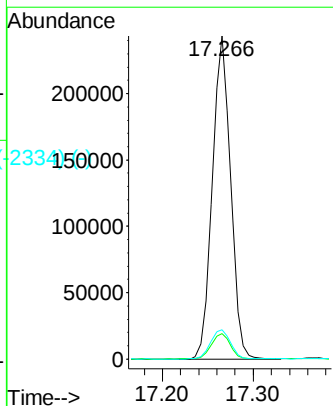
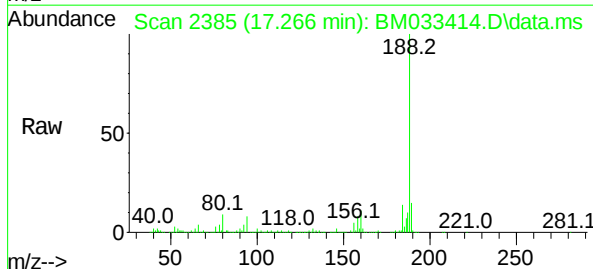


Abundance Scan 2370 (17.277 min): BM033341.D\data.ms (-2364) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.266 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

Tgt Ion:188 Resp: 340440
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 9.1 8.9 13.3



Abundance Scan 3078 (21.442 min): BM033341.D\data.ms (-3078) (-)

Chrysene-d12

Concen: 20.00 ng

RT: 21.430 min Scan# 3078

Delta R.T. 0.000 min

Lab File: BM033414.D

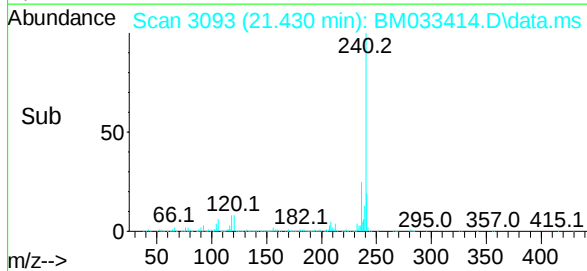
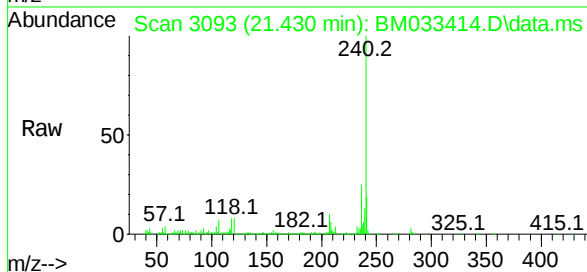
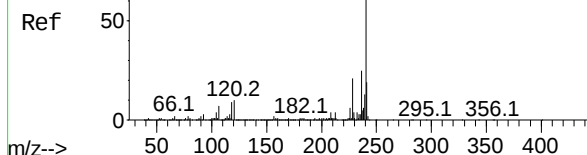
Acq: 11 Dec 2021 16:17

Instrument :

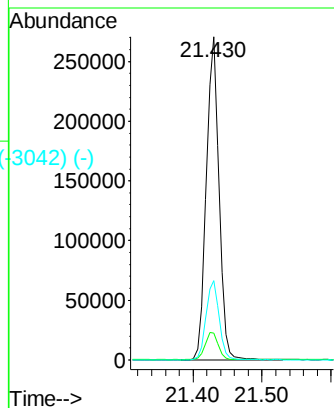
BNA_M

ClientSampleId :

BLUE-CONCRETE-COMP



Tgt Ion:	240	Resp:	347327
Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.8	11.6
236	24.6	20.3	30.5



Abundance Scan 2814 (19.889 min): BM033341.D\data.ms (-2814) (-)

Terphenyl-d14

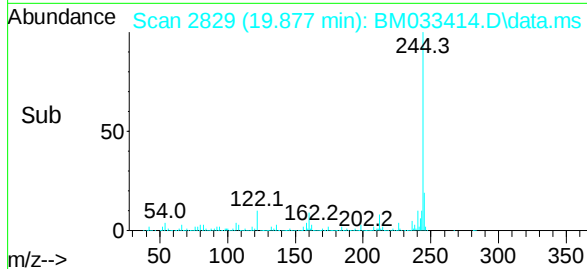
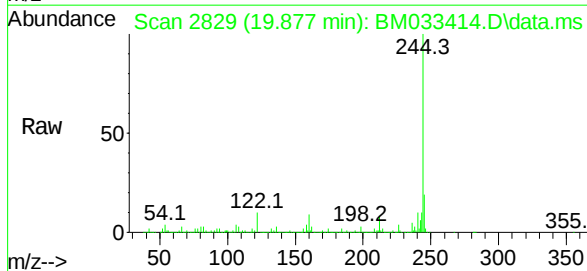
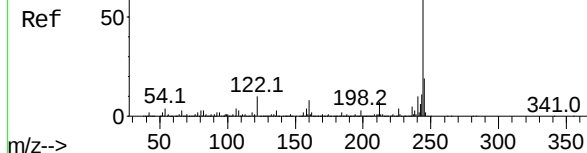
Concen: 93.76 ng

RT: 19.877 min Scan# 2829

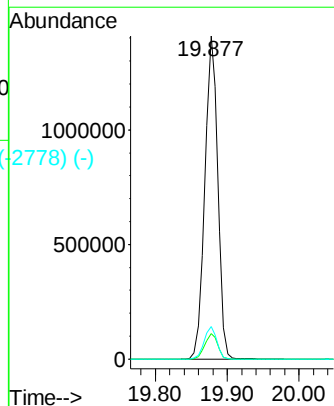
Delta R.T. 0.000 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17



Tgt Ion:	244	Resp:	1757650
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.0	8.4	12.6



Abundance Scan 3061 (21.342 min): BM033341.D\data.ms (-3061) (-)

Bis(2-ethylhexyl)phthalate

Concen: 5.16 ng

RT: 21.330 min Scan# 3061

Delta R.T. -0.006 min

Lab File: BM033414.D

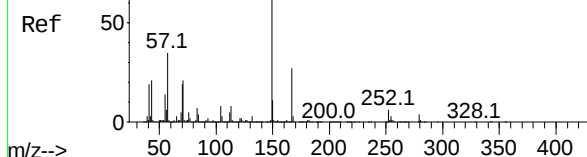
Acq: 11 Dec 2021 16:17

Instrument :

BNA_M

ClientSampleId :

BLUE-CONCRETE-COMP



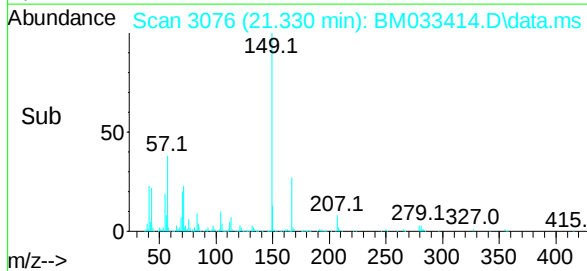
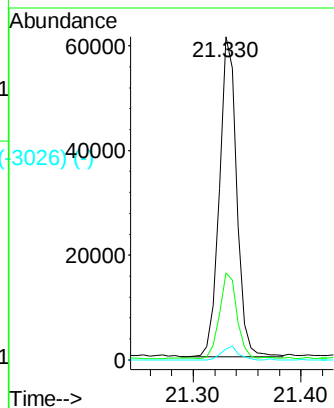
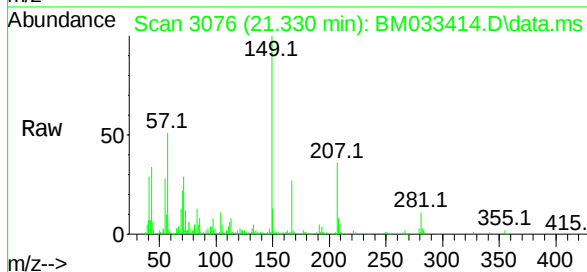
Tgt Ion:149 Resp: 69220

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.4 3.0 4.6



Abundance Scan 3473 (23.765 min): BM033341.D\data.ms (-3473) (-)

Perylene-d12

Concen: 20.00 ng

RT: 23.748 min Scan# 3487

Delta R.T. -0.006 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

Tgt Ion:264 Resp: 345495

Ion Ratio Lower Upper

264 100

260 23.6 17.7 26.5

265 21.8 17.7 26.5

