

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033729.D
 Acq On : 14 Jan 2022 15:49
 Operator : CG/JU
 Sample : N1143-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-EAST-SIDEWALL

Quant Time: Jan 17 00:25:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 13 07:49:01 2022
 Response via : Initial Calibration

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

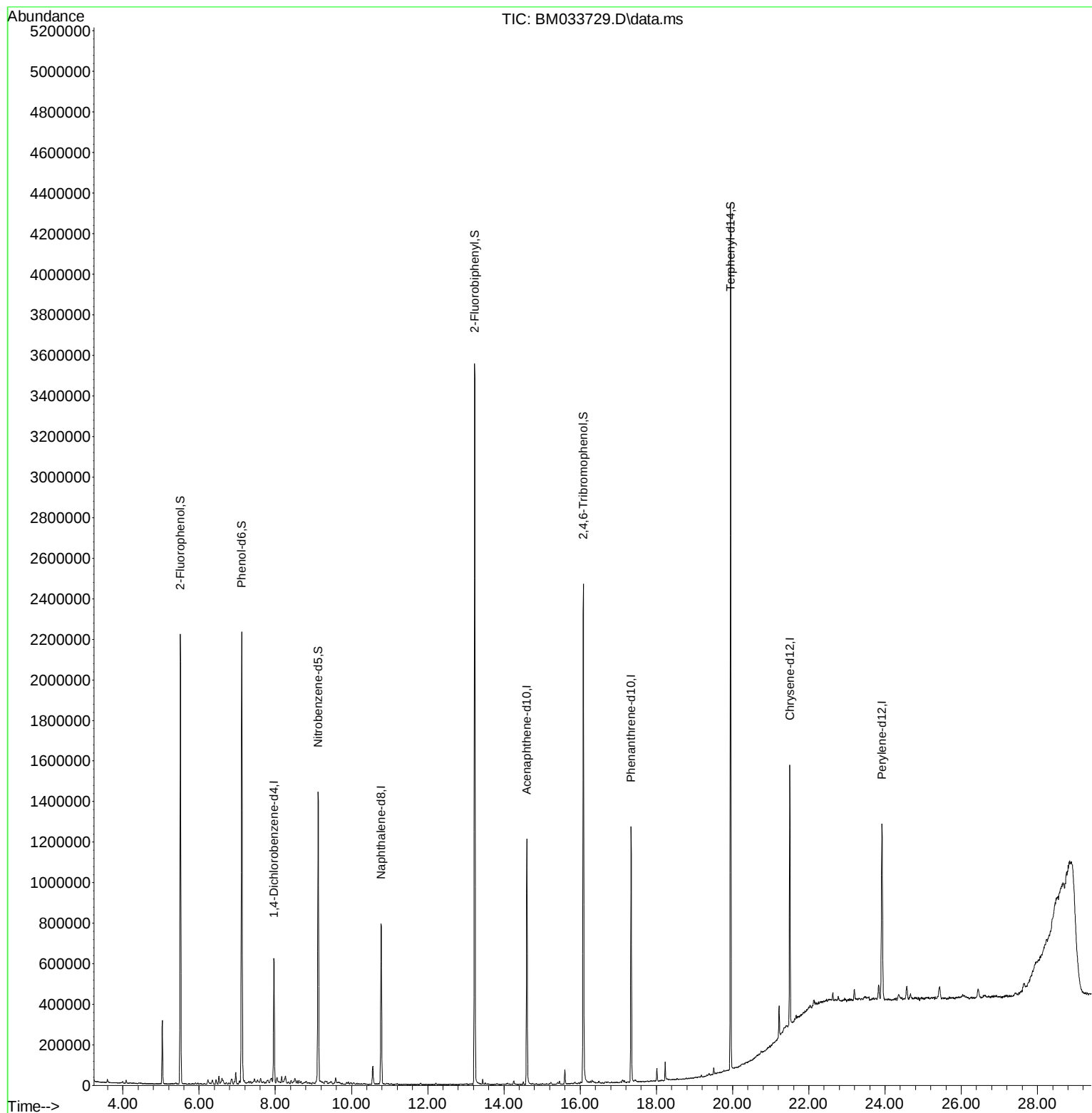
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	150902	20.000	ng	0.00
21) Naphthalene-d8	10.777	136	638668	20.000	ng	-0.01
39) Acenaphthene-d10	14.601	164	413653	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	720783	20.000	ng	0.00
76) Chrysene-d12	21.500	240	597246	20.000	ng	0.00
86) Perylene-d12	23.918	264	643475	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	880304	92.004	ng	0.00
7) Phenol-d6	7.119	99	1175918	91.188	ng	0.00
23) Nitrobenzene-d5	9.125	82	795542	57.526	ng	-0.01
42) 2,4,6-Tribromophenol	16.083	330	451854	104.584	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	1795146	56.841	ng	0.00
79) Terphenyl-d14	19.947	244	1832045	55.215	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.125	77	3556	Below Cal	Qvalue #	16

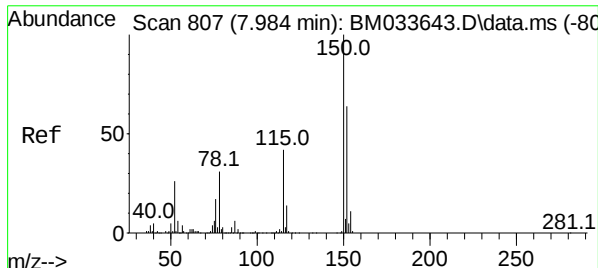
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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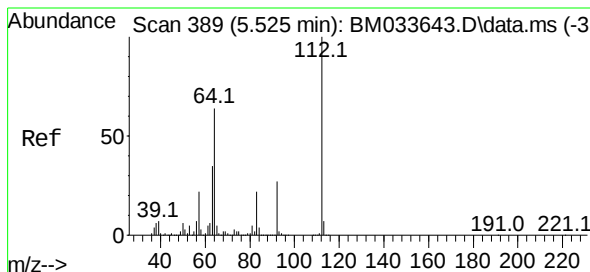
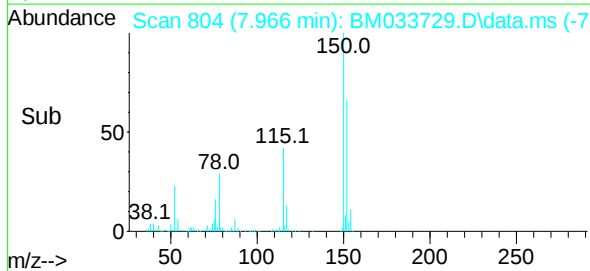
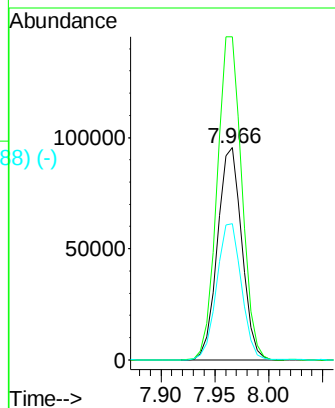
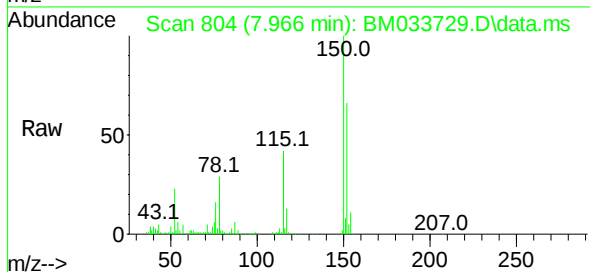




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.966 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BM033729.D
 Acq: 14 Jan 2022 15:49

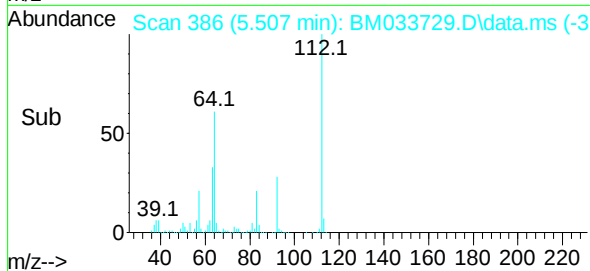
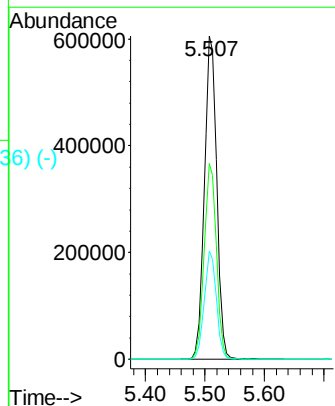
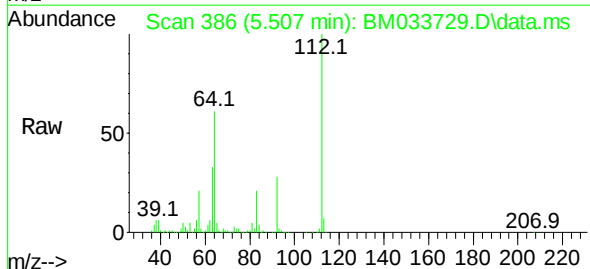
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-EAST-SIDEWALL

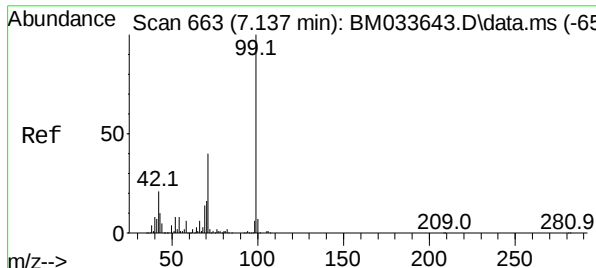
Tgt Ion:	152	Resp:	150902
Ion	Ratio	Lower	Upper
152	100		
150	152.1	128.9	193.3
115	64.2	53.0	79.6



2-Fluorophenol
 Concen: 92.004 ng
 RT: 5.507 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: BM033729.D
 Acq: 14 Jan 2022 15:49

Tgt Ion:	112	Resp:	880304
Ion	Ratio	Lower	Upper
112	100		
64	60.6	55.5	83.3
63	33.4	31.3	46.9





Phenol-d6

Concen: 91.188 ng

RT: 7.119 min Scan# 660

Delta R.T. -0.006 min

Lab File: BM033729.D

Acq: 14 Jan 2022 15:49

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-EAST-SIDEWALL

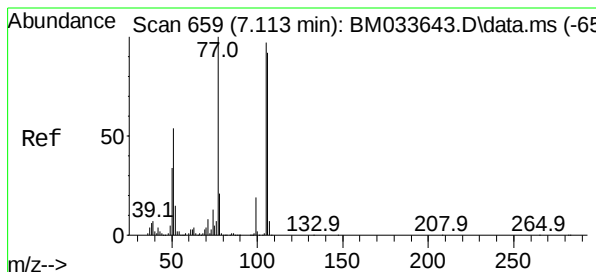
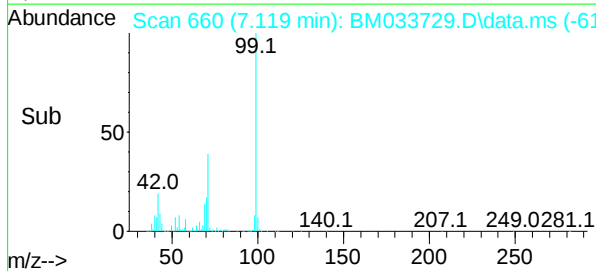
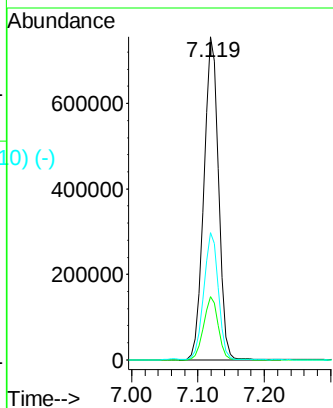
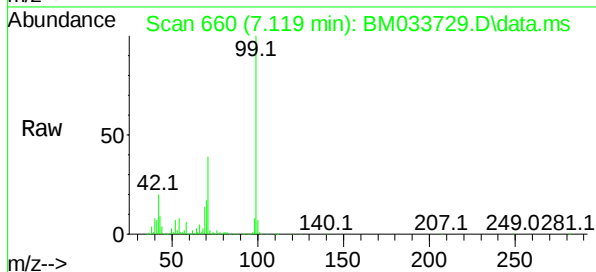
Tgt Ion: 99 Resp: 1175918

Ion Ratio Lower Upper

99 100

42 19.5 20.3 30.5#

71 39.4 34.5 51.7



Benzaldehyde

Concen: Below Cal

RT: 7.125 min Scan# 661

Delta R.T. 0.029 min

Lab File: BM033729.D

Acq: 14 Jan 2022 15:49

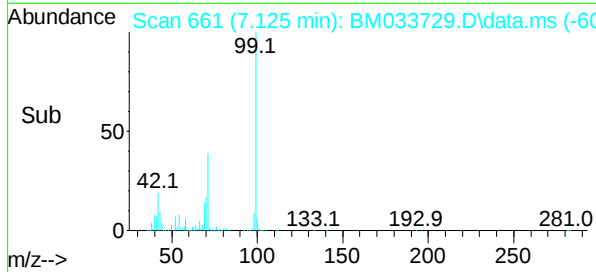
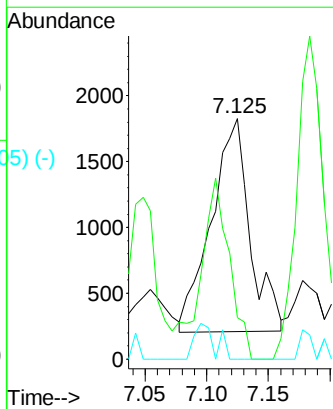
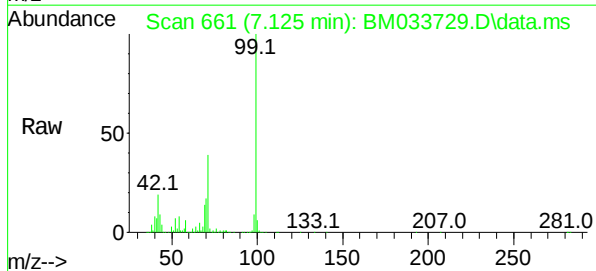
Tgt Ion: 77 Resp: 3556

Ion Ratio Lower Upper

77 100

105 17.2 67.1 107.1#

106 0.0 64.3 104.3#



Abundance Scan 1287 (10.807 min): BM033643.D\data.ms (-1221) (-)

Naphthalene-d8

Concen: 20.000 ng

RT: 10.777 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BM033729.D

Acq: 14 Jan 2022 15:49

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-EAST-SIDEWALL

Tgt Ion:136 Resp: 638668

Ion Ratio Lower Upper

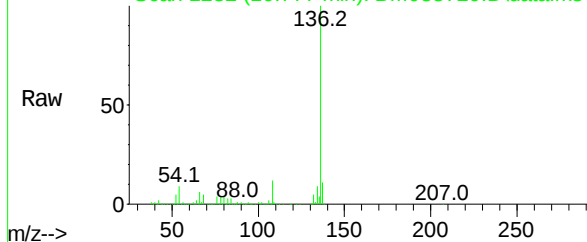
136 100

137 10.8 8.6 13.0

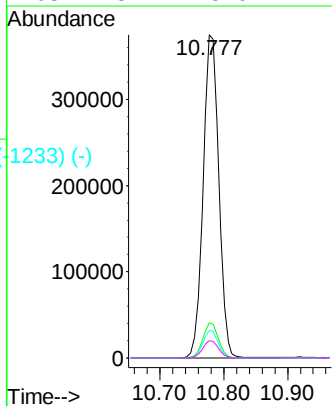
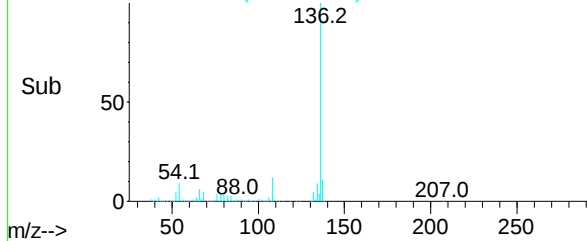
54 8.5 8.3 12.5

68 5.4 5.0 7.6

Abundance Scan 1282 (10.777 min): BM033729.D\data.ms



Abundance Scan 1282 (10.777 min): BM033729.D\data.ms (-1233) (-)



Abundance Scan 1006 (9.154 min): BM033643.D\data.ms (-99628)

Nitrobenzene-d5

Concen: 57.526 ng

RT: 9.125 min Scan# 1001

Delta R.T. -0.012 min

Lab File: BM033729.D

Acq: 14 Jan 2022 15:49

Tgt Ion: 82 Resp: 795542

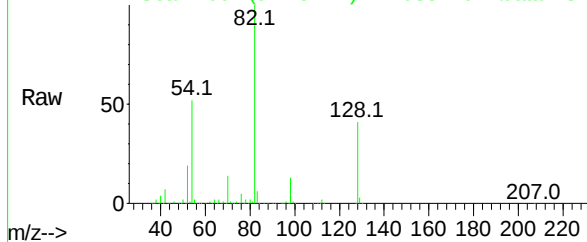
Ion Ratio Lower Upper

82 100

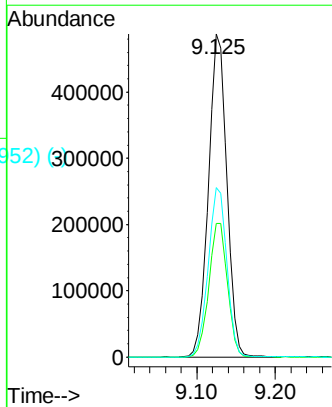
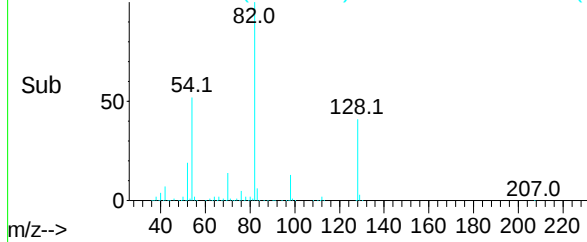
128 41.4 28.1 42.1

54 52.4 46.1 69.1

Abundance Scan 1001 (9.125 min): BM033729.D\data.ms



Abundance Scan 1001 (9.125 min): BM033729.D\data.ms (-952) (-)



Abundance Scan 1936 (14.624 min): BM033643.D\data.ms (-1829) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.601 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BM033729.D

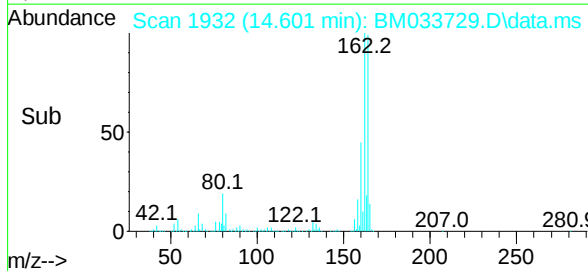
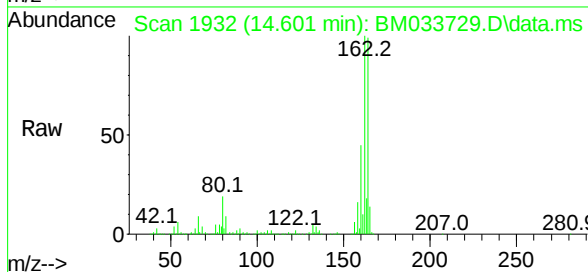
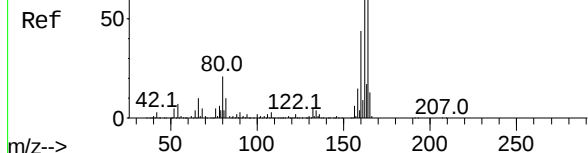
Acq: 14 Jan 2022 15:49

Instrument :

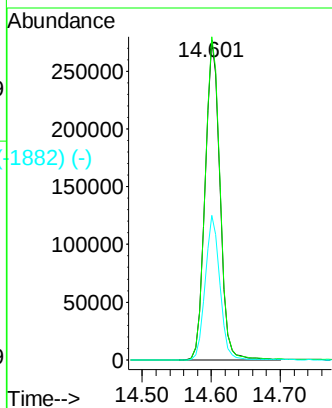
BNA_M

ClientSampleId :

WEST-BOILER-ROOM-EAST-SIDEWALL



Tgt Ion:	164	Resp:	413653
Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.7	119.5
160	45.1	34.2	51.4



Abundance Scan 2188 (16.107 min): BM033643.D\data.ms (-2140) (-)

2,4,6-Tribromophenol

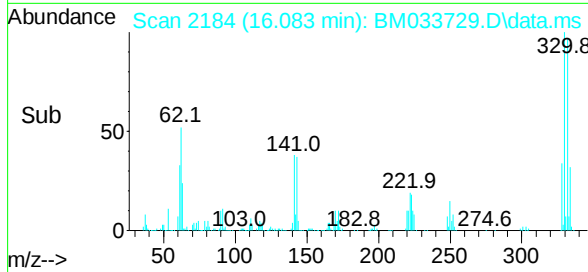
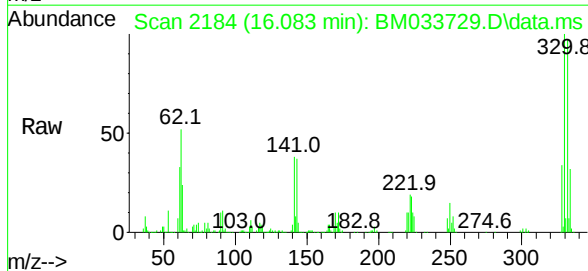
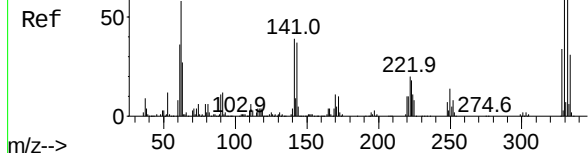
Concen: 104.584 ng

RT: 16.083 min Scan# 2184

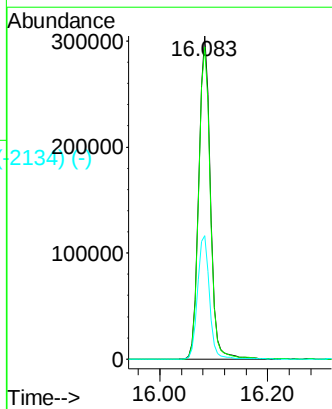
Delta R.T. -0.006 min

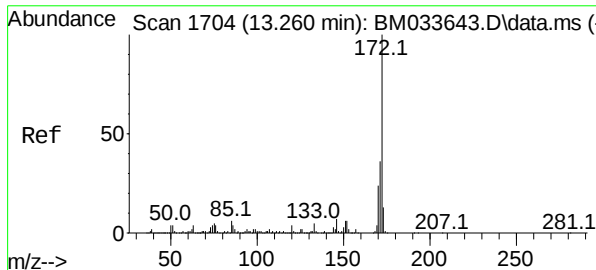
Lab File: BM033729.D

Acq: 14 Jan 2022 15:49



Tgt Ion:	330	Resp:	451854
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.5	114.7
141	39.1	35.9	53.9



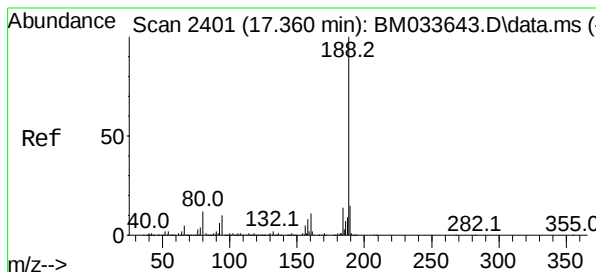
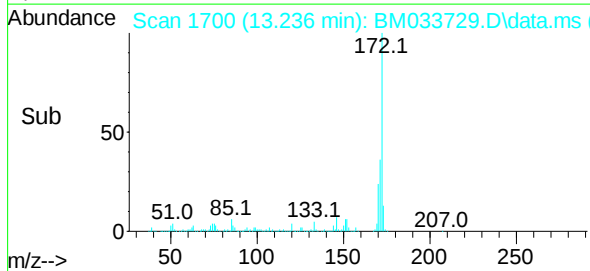
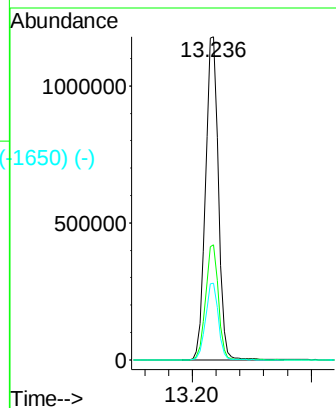
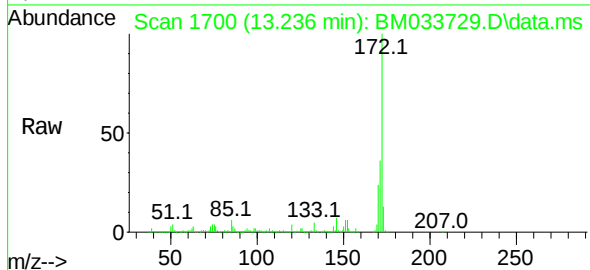


Scan 1704 (13.260 min): BM033643.D\data.ms (-1645) (-)
 2-Fluorobiphenyl
 Concen: 56.841 ng
 RT: 13.236 min Scan# 1645
 Delta R.T. -0.006 min
 Lab File: BM033729.D
 Acq: 14 Jan 2022 15:49

Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-EAST-SIDEWALL

Tgt Ion:172 Resp: 1795146

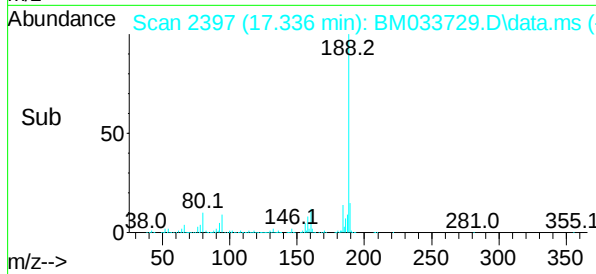
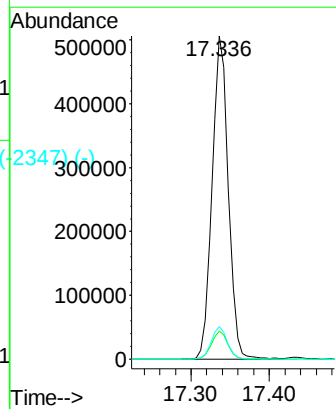
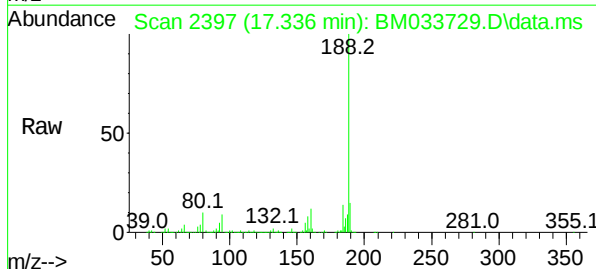
Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.2	40.8
170	23.8	18.7	28.1

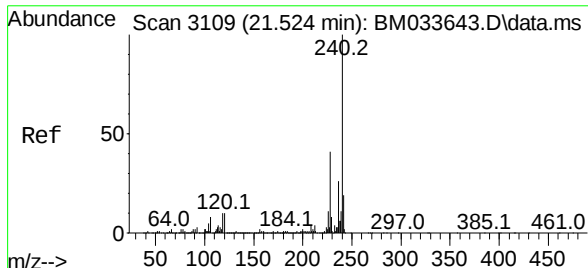


Scan 2401 (17.360 min): BM033643.D\data.ms (-2404) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.336 min Scan# 2397
 Delta R.T. -0.006 min
 Lab File: BM033729.D
 Acq: 14 Jan 2022 15:49

Tgt Ion:188 Resp: 720783

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.2	8.9	13.3

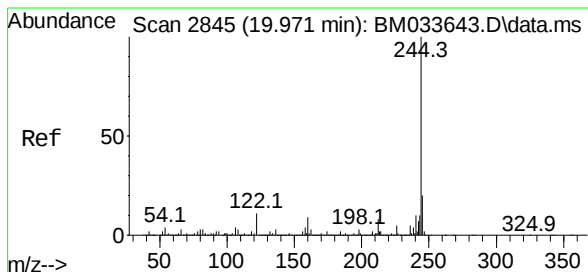
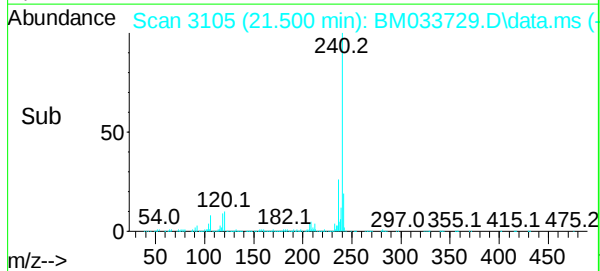
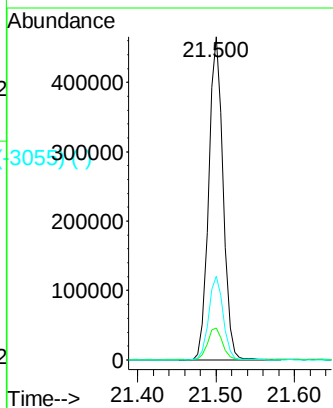
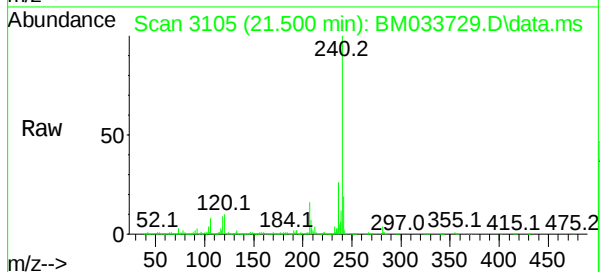




Scan 3109 (21.524 min): BM033643.D\data.ms (-3770) (-)
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.500 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BM033729.D
 Acq: 14 Jan 2022 15:49

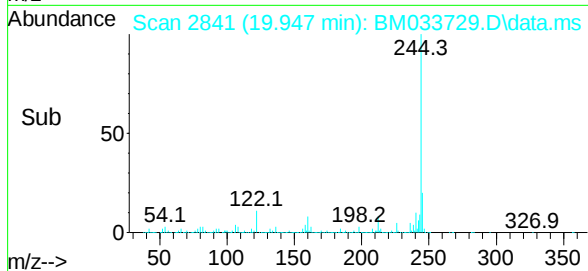
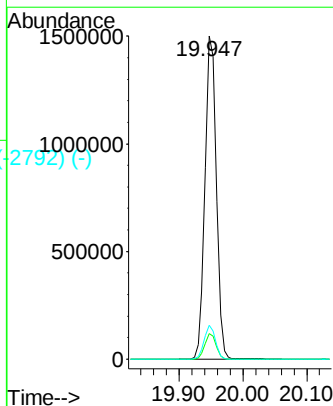
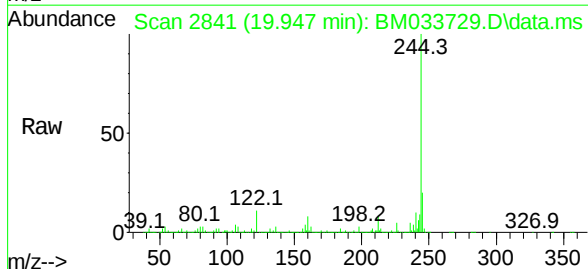
Instrument : BNA_M
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Tgt Ion:	240	Resp:	597246
Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.6
236	25.9	20.3	30.5

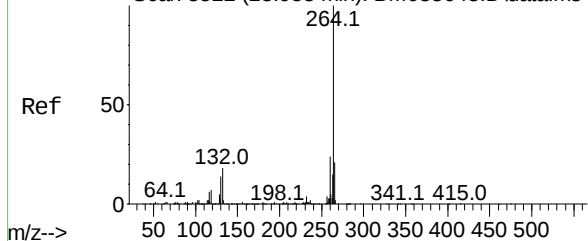


Scan 2845 (19.971 min): BM033643.D\data.ms (-2879) (-)
 Terphenyl-d14
 Concen: 55.215 ng
 RT: 19.947 min Scan# 2841
 Delta R.T. -0.012 min
 Lab File: BM033729.D
 Acq: 14 Jan 2022 15:49

Tgt Ion:	244	Resp:	1832045
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.5	8.4	12.6



Abundance Scan 3522 (23.953 min): BM033643.D\data.ms (-3522) (-)



Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BM033729.D

Acq: 14 Jan 2022 15:49

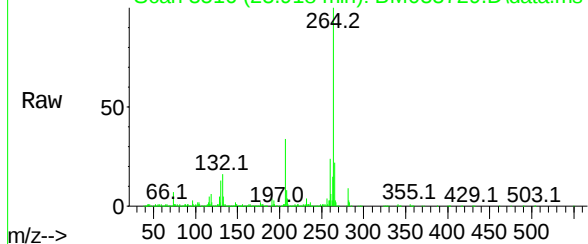
Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-EAST-SIDEWALL

Abundance Scan 3516 (23.918 min): BM033729.D\data.ms



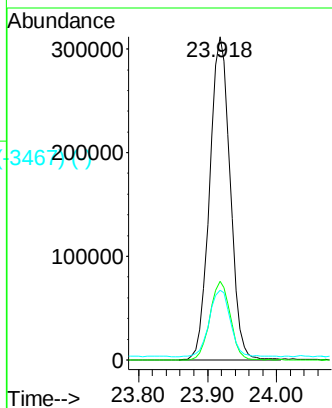
Tgt Ion:264 Resp: 643475

Ion Ratio Lower Upper

264 100

260 24.3 17.7 26.5

265 21.5 17.7 26.5



Abundance Scan 3516 (23.918 min): BM033729.D\data.ms (-3462) (-)

