

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033424.D
 Acq On : 11 Dec 2021 22:19
 Operator : CG/JU
 Sample : M4967-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8S

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 12 00:44:22 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	43472	20.00	ng	0.00
21) Naphthalene-d8	10.695	136	181024	20.00	ng	0.00
39) Acenaphthene-d10	14.525	164	128091	20.00	ng	0.00
64) Phenanthrene-d10	17.266	188	299259	20.00	ng	# 0.00
76) Chrysene-d12	21.424	240	359522	20.00	ng	0.00
86) Perylene-d12	23.748	264	341867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	385444	145.46	ng	0.00
7) Phenol-d6	7.072	99	488172	132.12	ng	0.00
23) Nitrobenzene-d5	9.060	82	397451	93.22	ng	0.00
42) 2,4,6-Tribromophenol	16.013	330	235597	171.94	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	875583	94.55	ng	0.00
79) Terphenyl-d14	19.877	244	1749656	90.16	ng	0.00
Target Compounds						
32) Benzoic acid	9.972	122	4445m	2.57	ng	Qvalue
84) Bis(2-ethylhexyl)phtha...	21.330	149	65844	4.74	ng	# 99

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

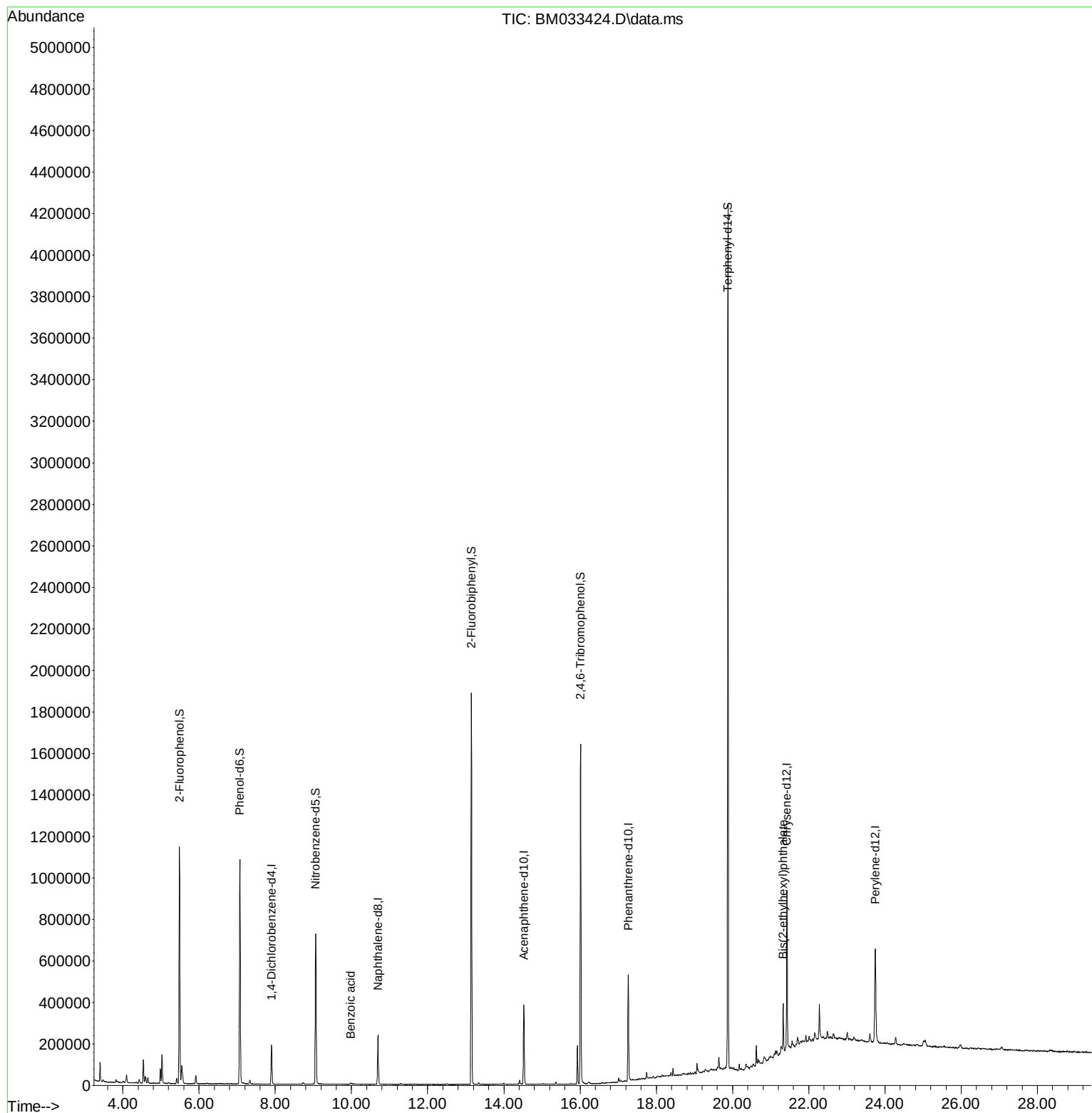
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
Data File : BM033424.D
Acq On : 11 Dec 2021 22:19
Operator : CG/JU
Sample : M4967-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

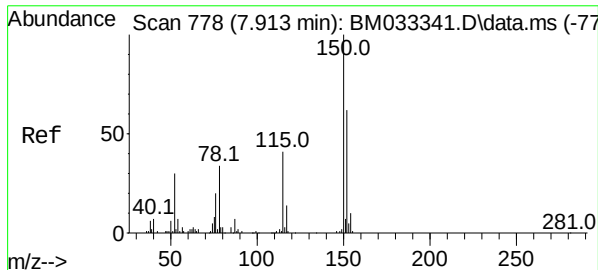
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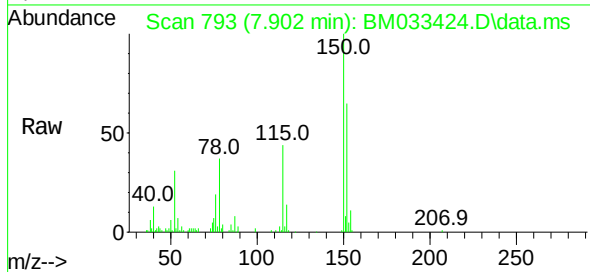
Quant Time: Dec 12 00:44:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 12 00:15:00 2021
Response via : Initial Calibration





1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.902 min Scan#
 Delta R.T. 0.001 min
 Lab File: BM033424.D
 Acq: 11 Dec 2021 22:19

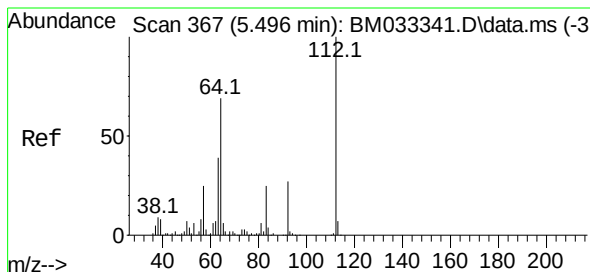
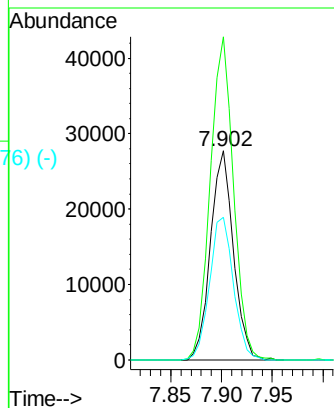
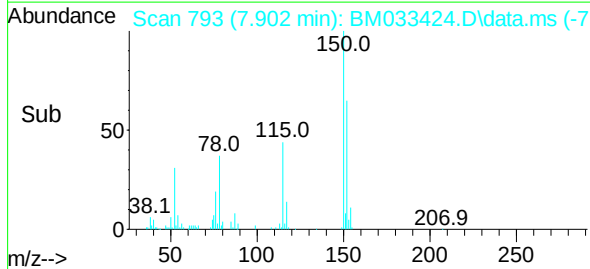
Instrument :
 BNA_M
 ClientSampleId :
 TP-8S



Tgt Ion:152 Resp: 4347
 Ion Ratio Lower Upper
 152 100
 150 154.5 128.9 193.3
 115 68.1 53.0 79.6

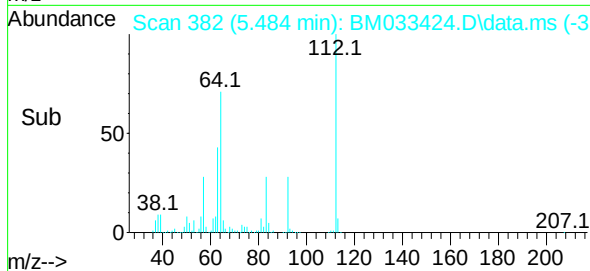
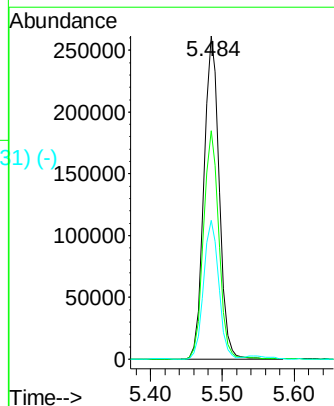
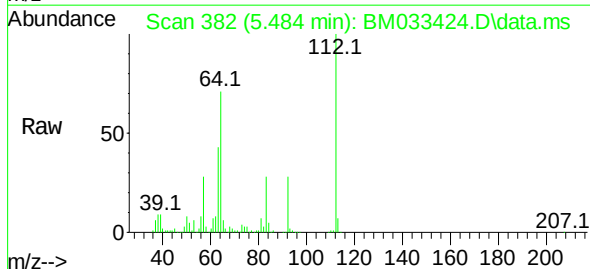
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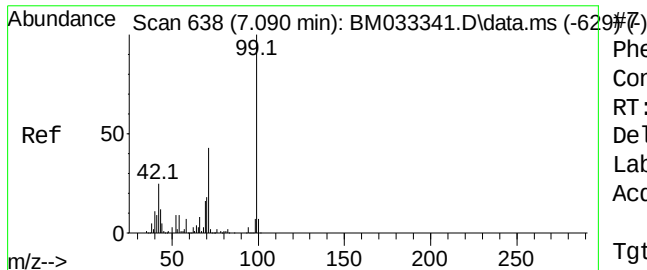
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



2-Fluorophenol
 Concen: 145.46 ng
 RT: 5.484 min Scan# 382
 Delta R.T. 0.000 min
 Lab File: BM033424.D
 Acq: 11 Dec 2021 22:19

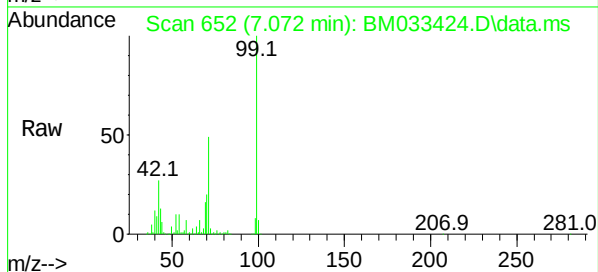
Tgt Ion:112 Resp: 385444
 Ion Ratio Lower Upper
 112 100
 64 70.7 55.5 83.3
 63 42.9 31.3 46.9





Phenol-d6
 Concen: 132.12 ng
 RT: 7.072 min Scan# 652
 Delta R.T. 0.000 min
 Lab File: BM033424.D
 Acq: 11 Dec 2021 22:19

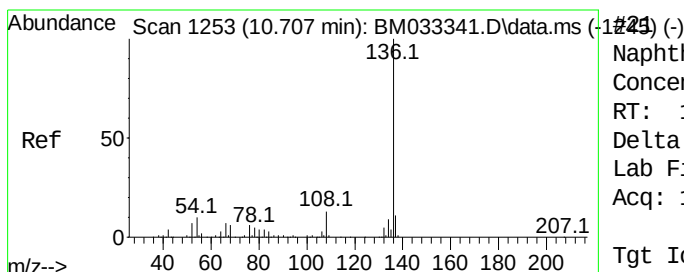
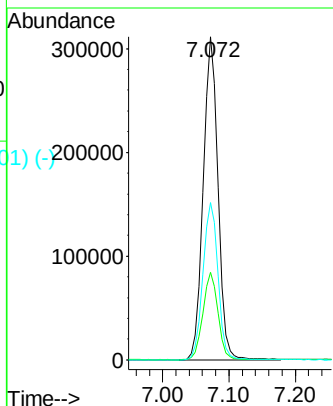
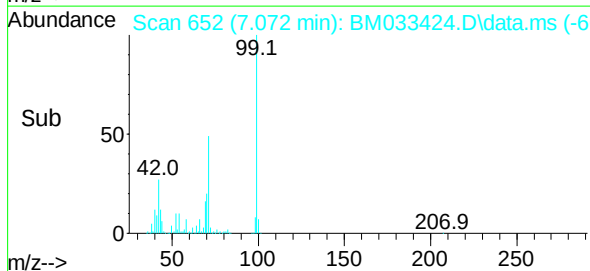
Instrument :
 BNA_M
 ClientSampleId :
 TP-8S



Tgt Ion:	99	Resp:	48817
Ion	Ratio	Lower	Upper
99	100		
42	27.2	20.3	30.5
71	48.8	34.5	51.7

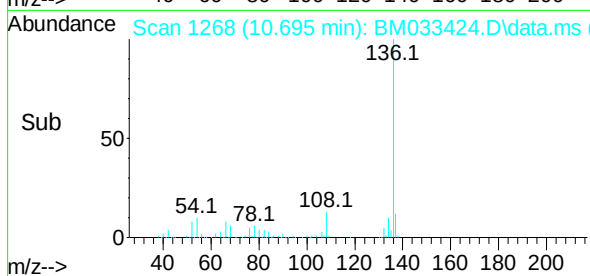
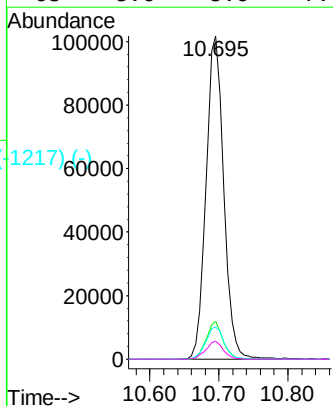
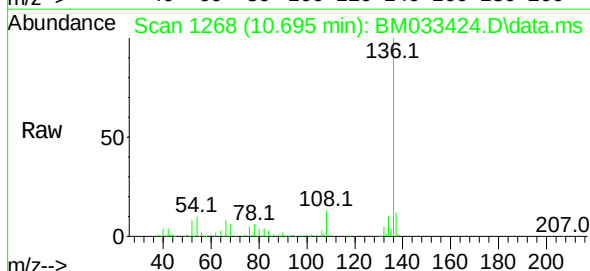
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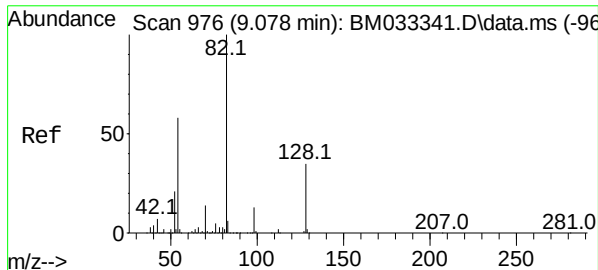
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.695 min Scan# 1268
 Delta R.T. 0.000 min
 Lab File: BM033424.D
 Acq: 11 Dec 2021 22:19

Tgt Ion:	136	Resp:	181024
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	10.0	8.3	12.5
68	5.6	5.0	7.6





Nitrobenzene-d5

Concen: 93.22 ng

RT: 9.060 min Scan# 976

Delta R.T. -0.006 min

Lab File: BM033424.D

Acq: 11 Dec 2021 22:19

Instrument :

BNA_M

ClientSampleId :

TP-8S

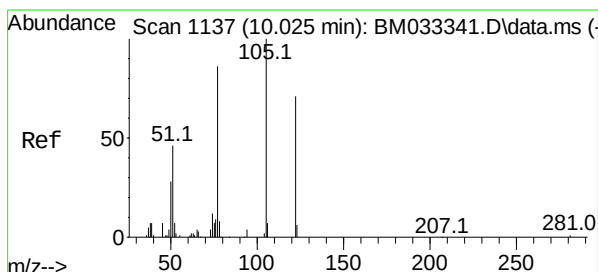
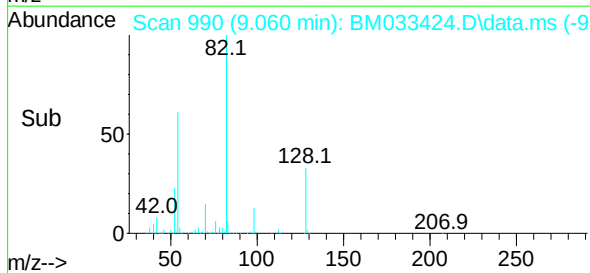
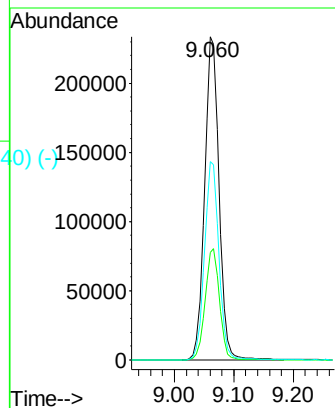
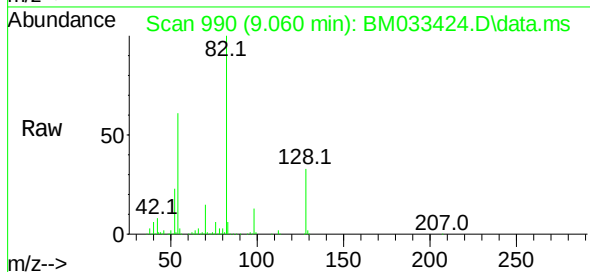
Tgt Ion:	82	Resp:	39745
Ion	Ratio	Lower	Upper
82	100		
128	33.2	28.1	42.3
54	61.4	46.1	69.1

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Benzoic acid

Concen: 2.57 ng m

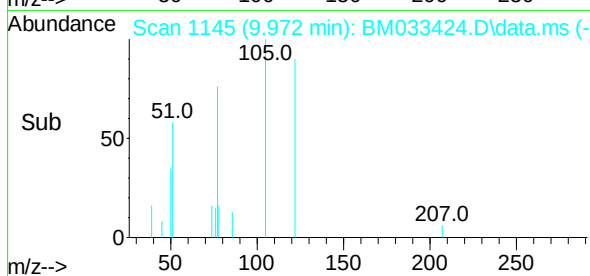
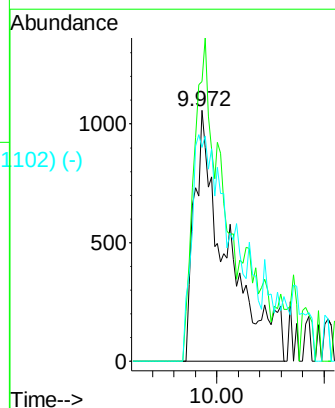
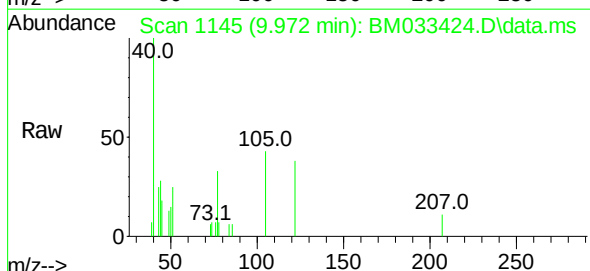
RT: 9.972 min Scan# 1145

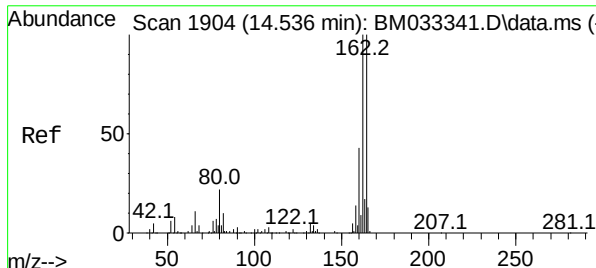
Delta R.T. -0.047 min

Lab File: BM033424.D

Acq: 11 Dec 2021 22:19

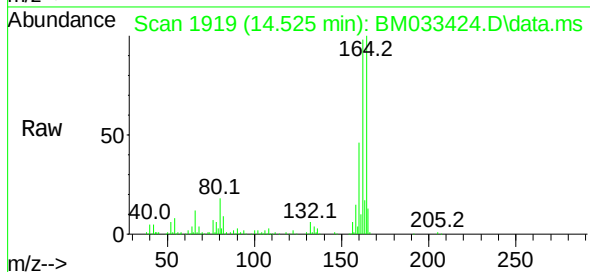
Tgt Ion:	122	Resp:	4445
Ion	Ratio	Lower	Upper
122	100		
105	111.6	119.6	159.6#
77	85.2	101.0	141.0#





Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.525 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BM033424.D
 Acq: 11 Dec 2021 22:19

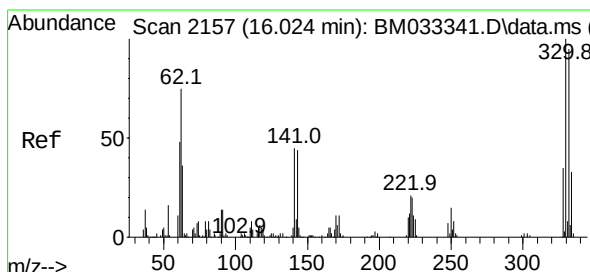
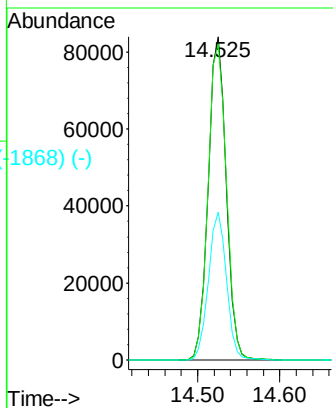
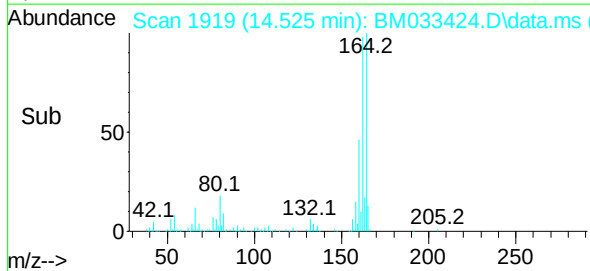
Instrument :
 BNA_M
 ClientSampleId :
 TP-8S



Tgt Ion:164 Resp: 12809
 Ion Ratio Lower Upper
 164 100
 162 97.7 79.7 119.5
 160 45.8 34.2 51.4

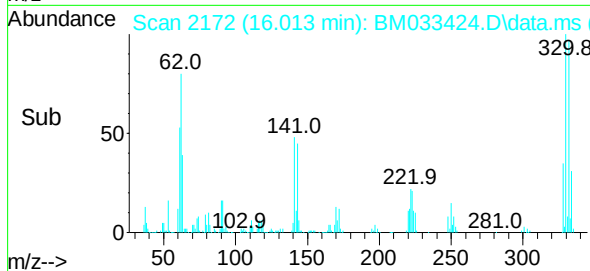
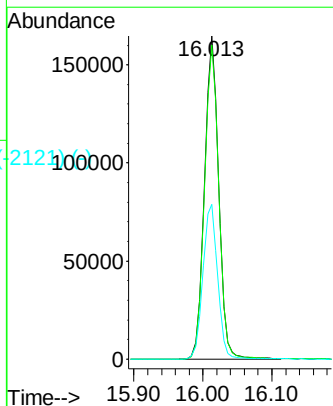
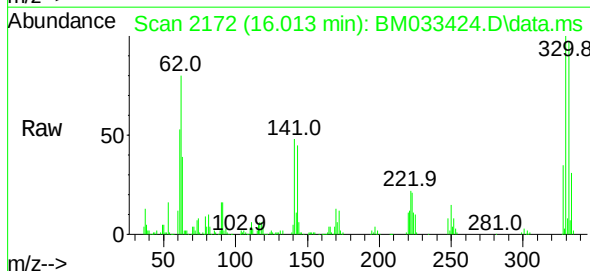
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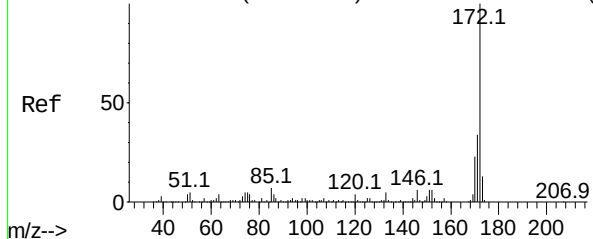


2,4,6-Tribromophenol
 Concen: 171.94 ng
 RT: 16.013 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: BM033424.D
 Acq: 11 Dec 2021 22:19

Tgt Ion:330 Resp: 235597
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.5 114.7
 141 49.6 35.9 53.9



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



2-Fluorobiphenyl
Concen: 94.55 ng
RT: 13.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BM033424.D
Acq: 11 Dec 2021 22:19

Instrument :

BNA_M

ClientSampleId :

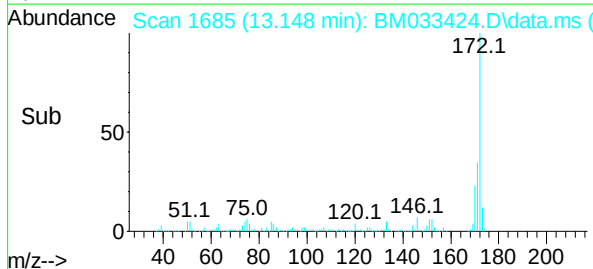
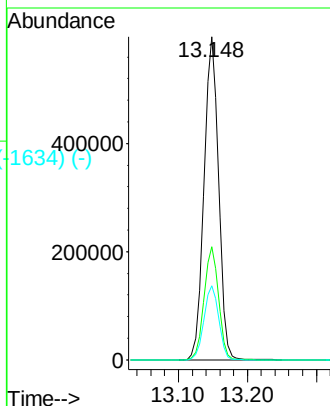
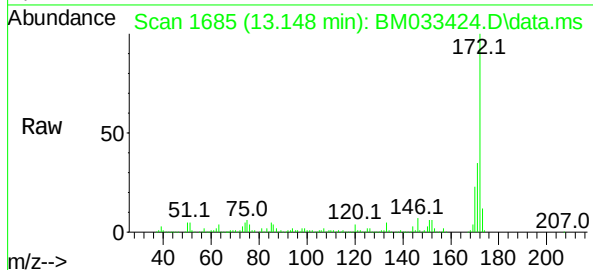
TP-8S

Tgt Ion:172 Resp: 87558
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 23.0 18.7 28.1

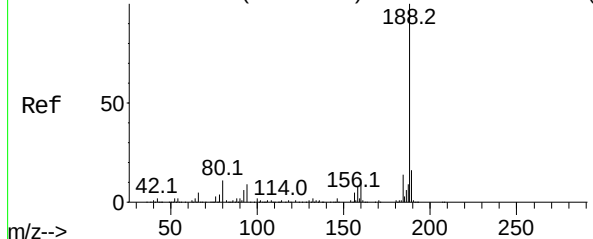
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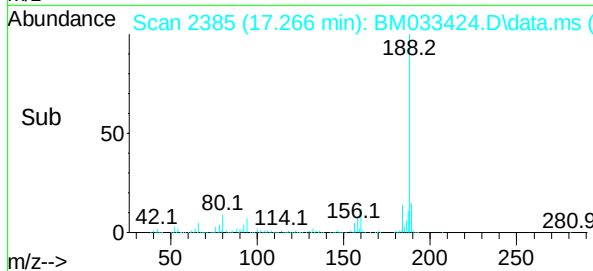
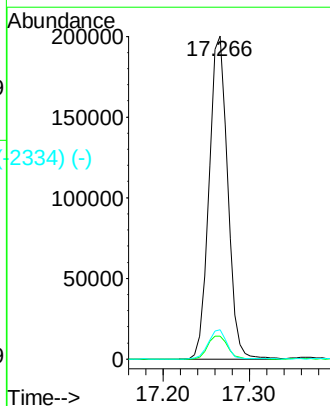
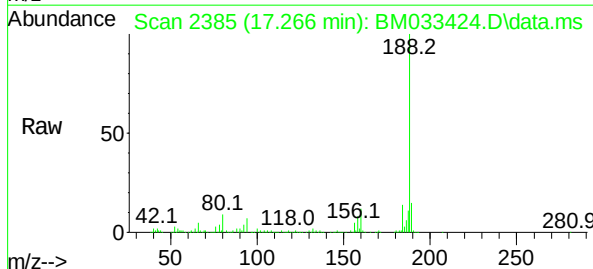


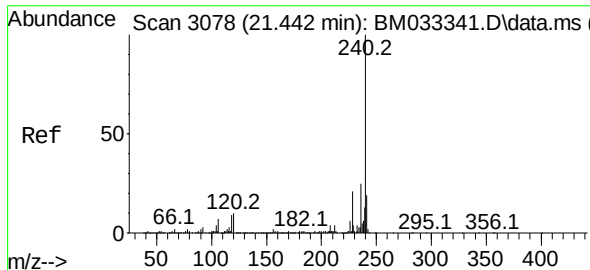
Abundance Scan 2370 (17.277 min): BM033341.D\data.ms (-2362) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.266 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BM033424.D
Acq: 11 Dec 2021 22:19

Tgt Ion:188 Resp: 299259
Ion Ratio Lower Upper
188 100
94 7.2 7.5 11.3#
80 9.1 8.9 13.3





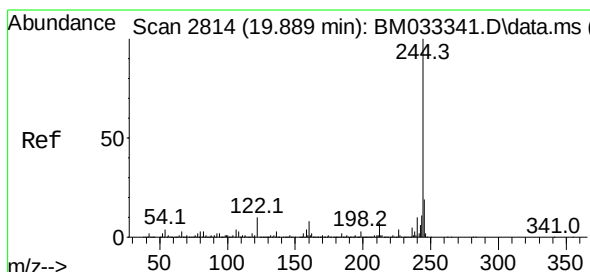
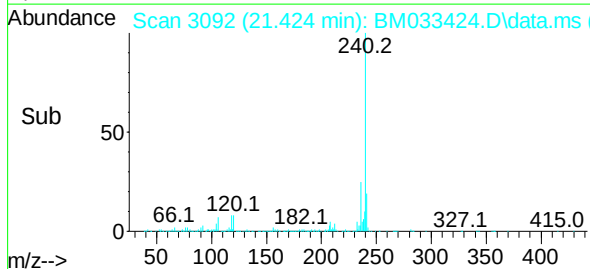
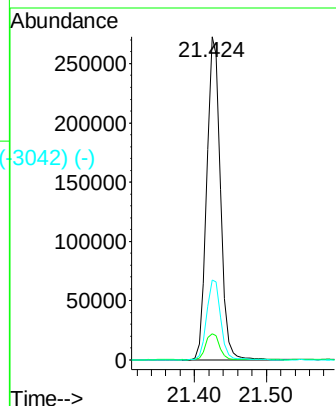
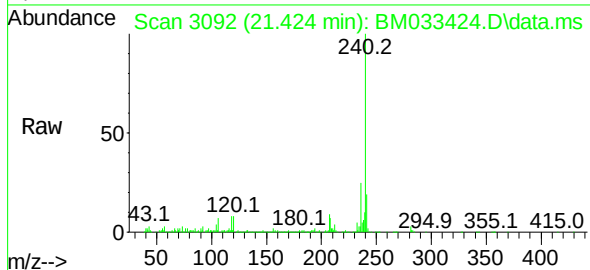
Chrysene-d12
 Concen: 20.00 ng
 RT: 21.424 min Scan# 3078
 Delta R.T. -0.006 min
 Lab File: BM033424.D
 Acq: 11 Dec 2021 22:19

Instrument :
 BNA_M
 ClientSampleId :
 TP-8S

Tgt Ion:240 Resp: 35952
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.8 11.6
 236 24.7 20.3 30.5

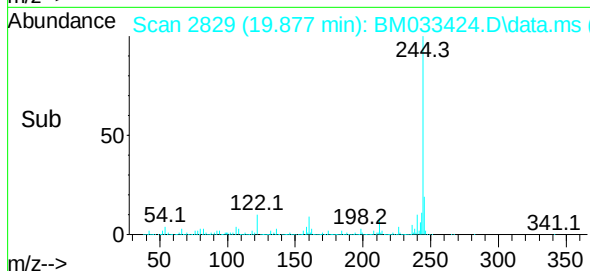
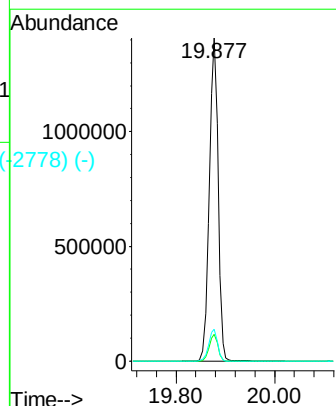
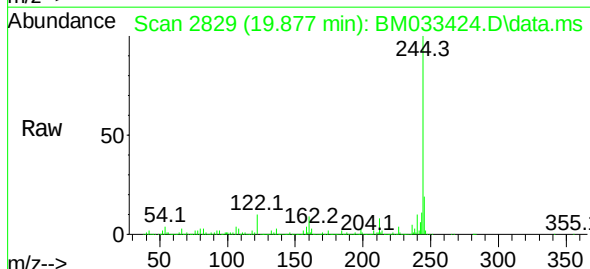
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Terphenyl-d14
 Concen: 90.16 ng
 RT: 19.877 min Scan# 2829
 Delta R.T. 0.000 min
 Lab File: BM033424.D
 Acq: 11 Dec 2021 22:19

Tgt Ion:244 Resp: 1749656
 Ion Ratio Lower Upper
 244 100
 212 8.2 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: 4.74 ng

RT: 21.330 min Scan# 3061

Delta R.T. -0.006 min

Lab File: BM033424.D

Acq: 11 Dec 2021 22:19

Instrument :

BNA_M

ClientSampleId :

TP-8S

Tgt Ion:149 Resp: 6584

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.8 3.0 4.6

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Abundance Scan 3076 (21.330 min): BM033424.D\data.ms

Ref

57.1 149.1 200.0 252.1 328.1

m/z-->

Abundance Scan 3076 (21.330 min): BM033424.D\data.ms

Raw

57.1 149.1 207.1 281.1 341.0 415.1

m/z-->

Abundance Scan 3076 (21.330 min): BM033424.D\data.ms (-3026) (-)

Sub

57.1 149.0 207.1 279.1 341.0 415.1

m/z-->

Abundance

21.330

50000

40000

30000

20000

10000

0

Time-->

21.30 21.40

Abundance Scan 3473 (23.765 min): BM033341.D\data.ms (-3469) (-)

Perylene-d12

Concen: 20.00 ng

RT: 23.748 min Scan# 3487

Delta R.T. -0.006 min

Lab File: BM033424.D

Acq: 11 Dec 2021 22:19

Tgt Ion:264 Resp: 341867

Ion Ratio Lower Upper

264 100

260 24.0 17.7 26.5

265 22.2 17.7 26.5

Abundance Scan 3487 (23.748 min): BM033424.D\data.ms

Ref

73.1 132.1 207.1 264.2 355.1 415.3 475.1

m/z-->

Abundance Scan 3487 (23.748 min): BM033424.D\data.ms

Raw

73.1 132.1 207.1 264.2 355.1 415.3 475.1

m/z-->

Abundance Scan 3487 (23.748 min): BM033424.D\data.ms (-3431) (-)

Sub

73.1 132.1 194.1 264.1 325.0 387.0 475.1

m/z-->

Abundance

23.748

150000

100000

50000

0

Time-->

23.70 23.80