

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033423.D
 Acq On : 11 Dec 2021 21:42
 Operator : CG/JU
 Sample : M4967-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7S

Quant Time: Dec 12 00:42:43 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)

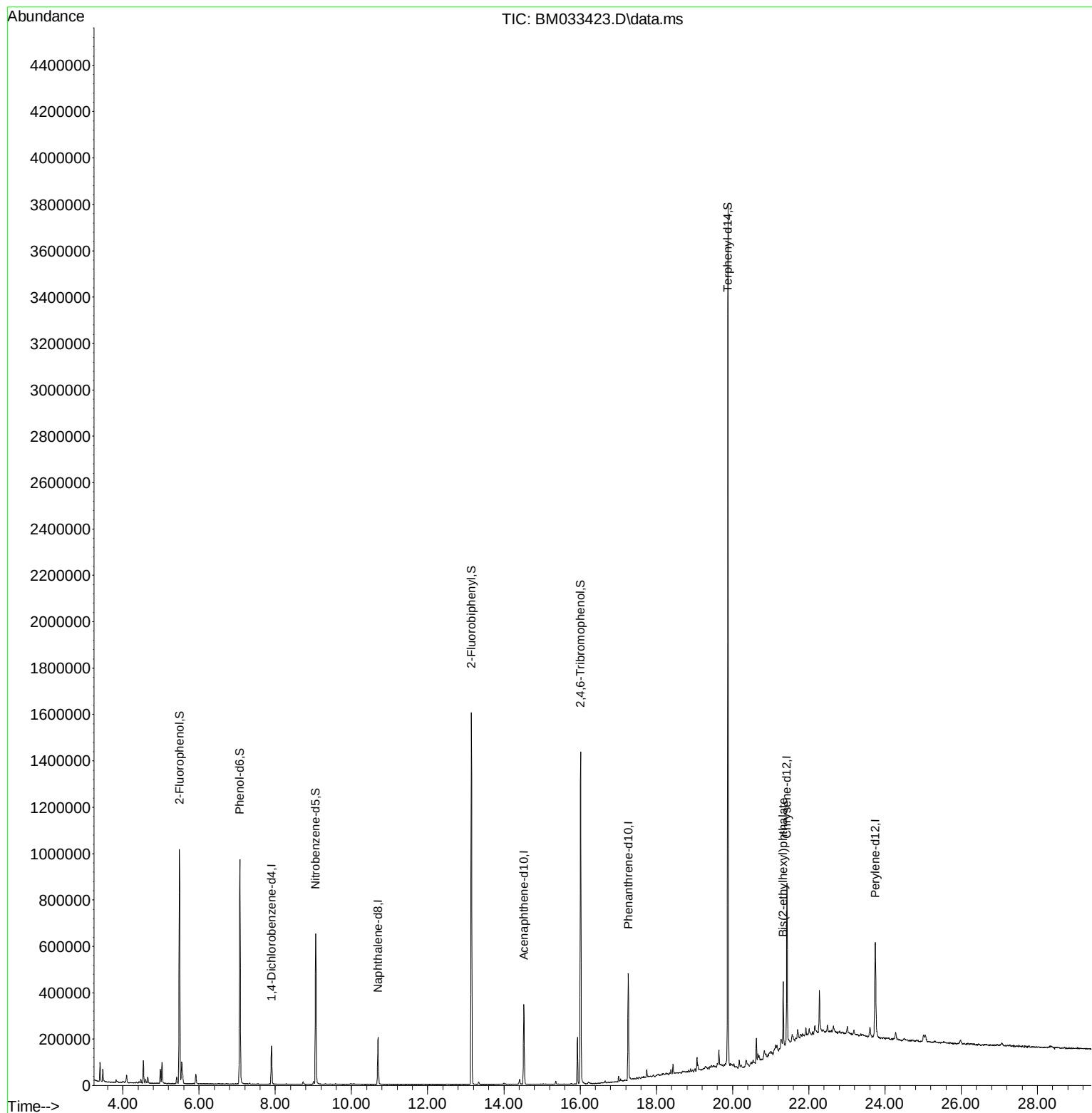
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	38658	20.00	ng	0.00
21) Naphthalene-d8	10.695	136	152430	20.00	ng	0.00
39) Acenaphthene-d10	14.524	164	108551	20.00	ng	0.00
64) Phenanthrene-d10	17.265	188	260284	20.00	ng	# 0.00
76) Chrysene-d12	21.424	240	328850	20.00	ng	0.00
86) Perylene-d12	23.747	264	308775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	328452	139.39	ng	0.00
7) Phenol-d6	7.072	99	423051	128.76	ng	0.00
23) Nitrobenzene-d5	9.060	82	347066	96.68	ng	0.00
42) 2,4,6-Tribromophenol	16.012	330	201876	173.85	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	748149	95.34	ng	0.00
79) Terphenyl-d14	19.877	244	1581906	89.12	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.330	149	74234	5.84	ng	Qvalue 98

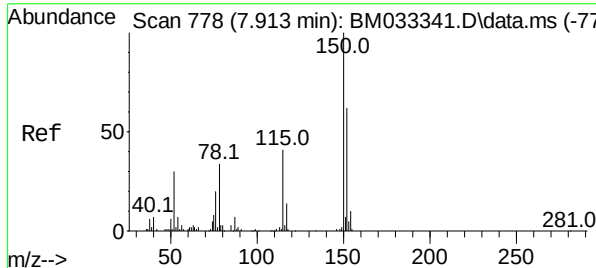
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.901 min Scan#

Delta R.T. 0.000 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

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BNA_M

ClientSampleId :

TP-7S

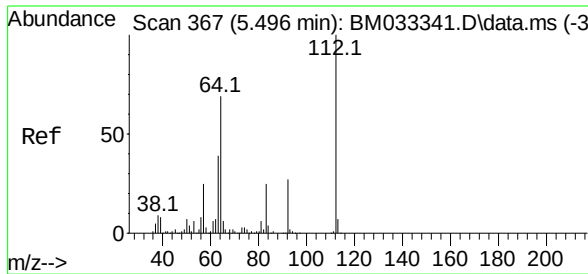
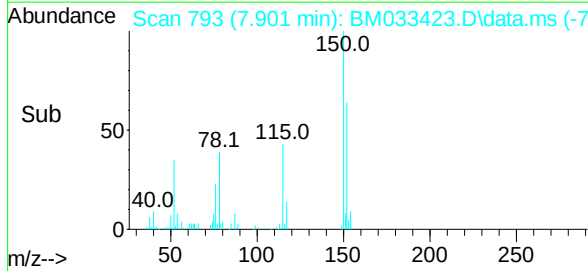
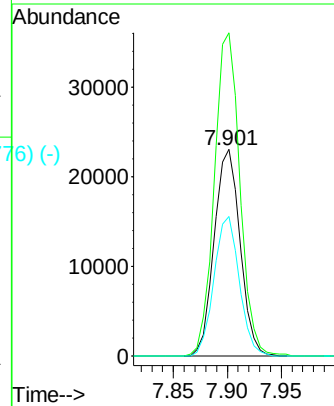
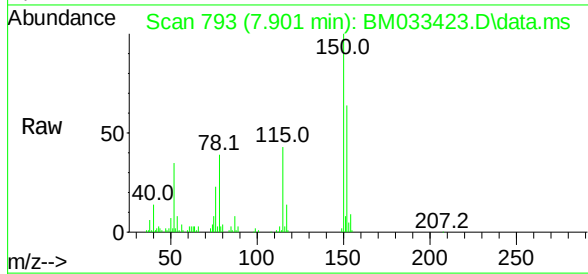
Tgt Ion:152 Resp: 38658

Ion Ratio Lower Upper

152 100

150 156.5 128.9 193.3

115 67.6 53.0 79.6



2-Fluorophenol

Concen: 139.39 ng

RT: 5.484 min Scan# 382

Delta R.T. -0.000 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

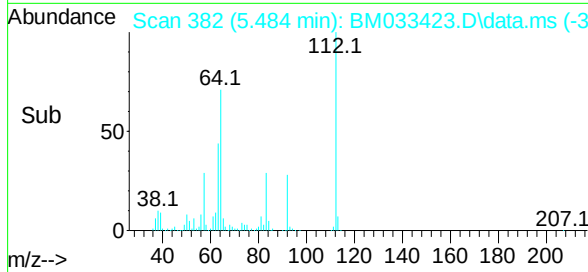
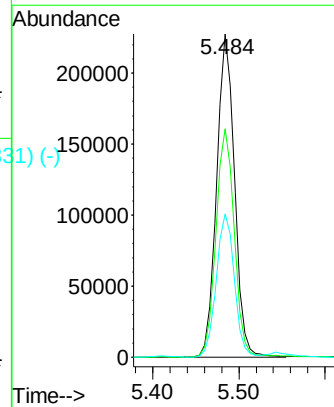
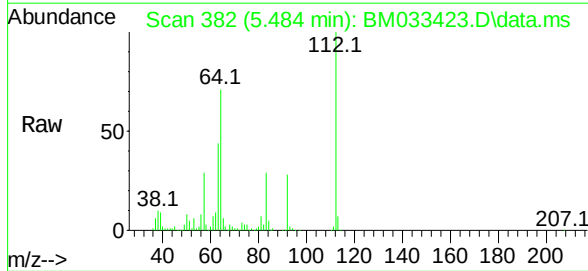
Tgt Ion:112 Resp: 328452

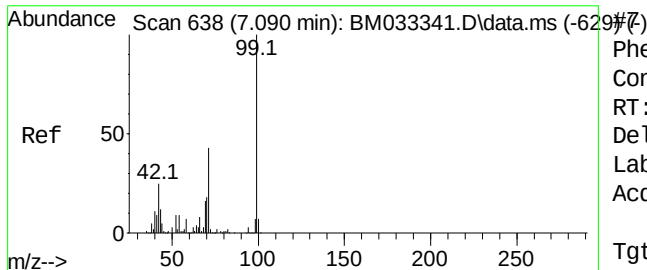
Ion Ratio Lower Upper

112 100

64 70.6 55.5 83.3

63 44.3 31.3 46.9





Phenol-d6

Concen: 128.76 ng

RT: 7.072 min Scan#

Delta R.T. -0.000 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

Instrument :

BNA_M

ClientSampleId :

TP-7S

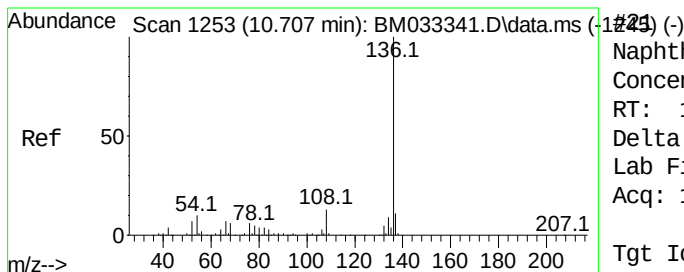
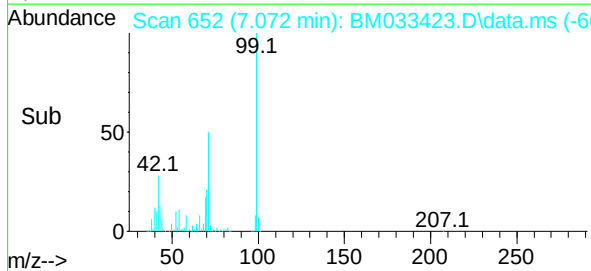
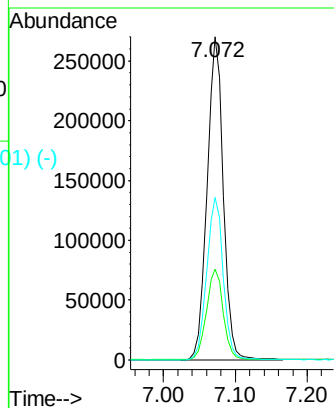
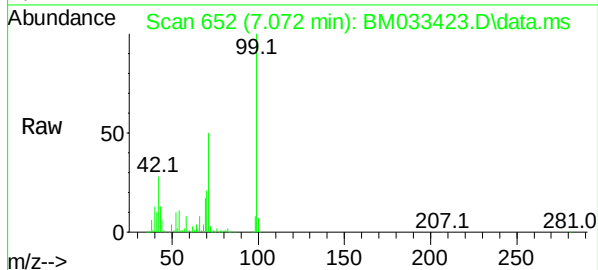
Tgt Ion: 99 Resp: 423051

Ion Ratio Lower Upper

99 100

42 28.1 20.3 30.5

71 50.4 34.5 51.7



Naphthalene-d8

Concen: 20.00 ng

RT: 10.695 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

Tgt Ion: 136 Resp: 152430

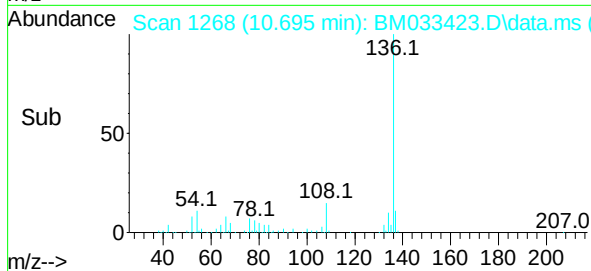
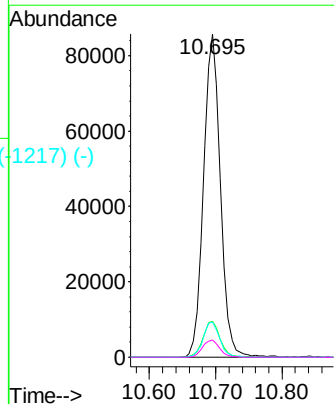
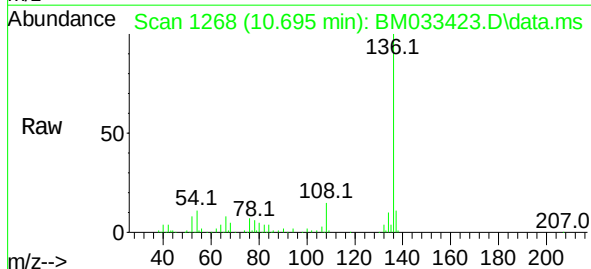
Ion Ratio Lower Upper

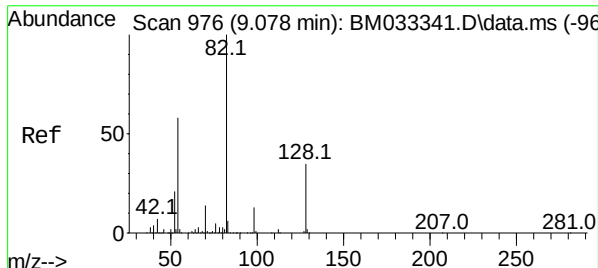
136 100

137 11.2 8.6 13.0

54 10.8 8.3 12.5

68 5.4 5.0 7.6





Nitrobenzene-d5

Concen: 96.68 ng

RT: 9.060 min Scan# 1887

Delta R.T. -0.006 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

Instrument :

BNA_M

ClientSampleId :

TP-7S

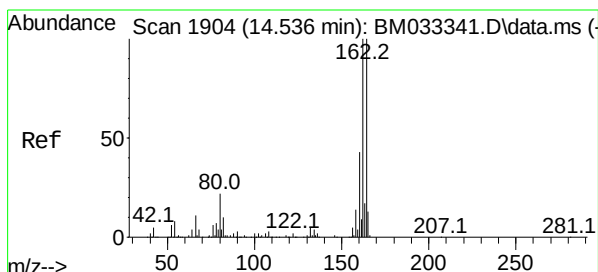
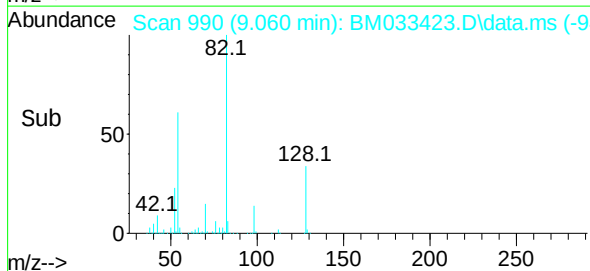
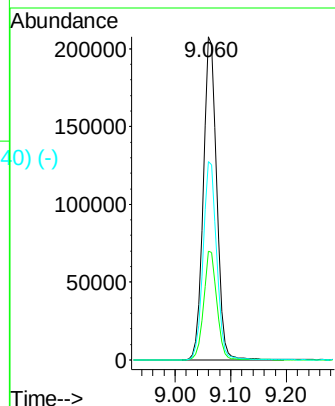
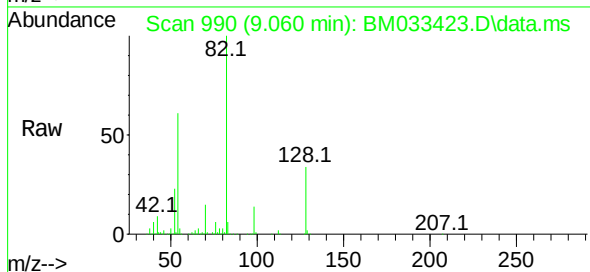
Tgt Ion: 82 Resp: 347066

Ion Ratio Lower Upper

82 100

128 33.6 28.1 42.1

54 61.5 46.1 69.1



Acenaphthene-d10

Concen: 20.00 ng

RT: 14.524 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

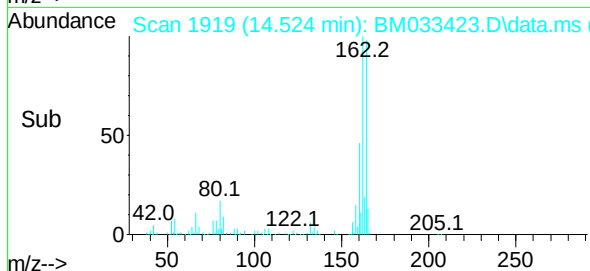
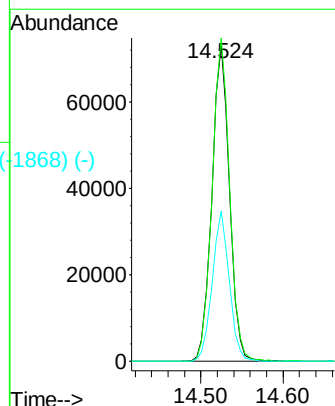
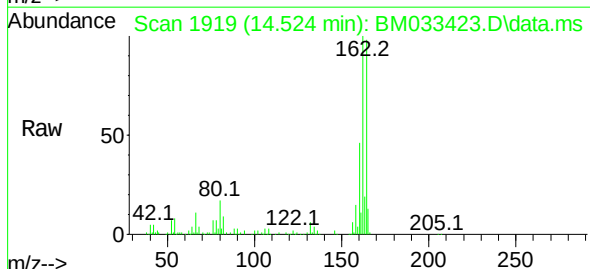
Tgt Ion:164 Resp: 108551

Ion Ratio Lower Upper

164 100

162 102.3 79.7 119.5

160 47.6 34.2 51.4



Abundance Scan 2157 (16.024 min): BM033341.D\data.ms (-2157) (-)

2,4,6-Tribromophenol

Concen: 173.85 ng

RT: 16.012 min Scan# 2157

Delta R.T. -0.000 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

Instrument :

BNA_M

ClientSampleId :

TP-7S

Tgt Ion:330 Resp: 201876

Ion Ratio Lower Upper

330 100

332 96.9 76.5 114.7

141 51.1 35.9 53.9

Abundance Scan 2172 (16.012 min): BM033423.D\data.ms

62.0 141.0 222.9 281.1 329.8

102.9

Raw

50

0

m/z-->

50 100 150 200 250 300

Abundance Scan 2172 (16.012 min): BM033423.D\data.ms (-2121) (-)

62.0 141.0 222.9 281.1 329.8

102.9

Sub

50

0

m/z-->

50 100 150 200 250 300

Abundance

16.012

100000

50000

0

Time-->

16.00

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

2-Fluorobiphenyl

Concen: 95.34 ng

RT: 13.148 min Scan# 1685

Delta R.T. -0.000 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

Tgt Ion:172 Resp: 748149

Ion Ratio Lower Upper

172 100

171 34.8 27.2 40.8

170 23.3 18.7 28.1

Abundance Scan 1685 (13.148 min): BM033423.D\data.ms

172.1

50.0 75.1 120.1 146.1 207.2

Raw

50

0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 1685 (13.148 min): BM033423.D\data.ms (-1634) (-)

172.1

51.1 74.0 97.0 120.1 146.1

Sub

50

0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance

13.148

400000

300000

200000

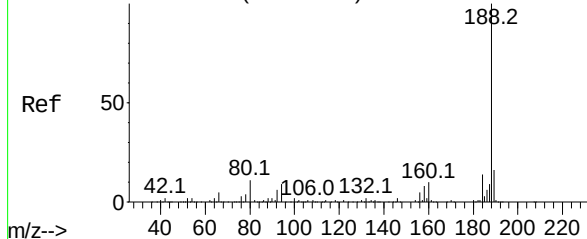
100000

0

Time-->

13.20

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



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.265 min Scan# 2385

Delta R.T. -0.000 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

Instrument :

BNA_M

ClientSampleId :

TP-7S

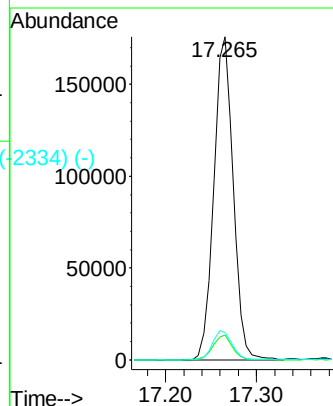
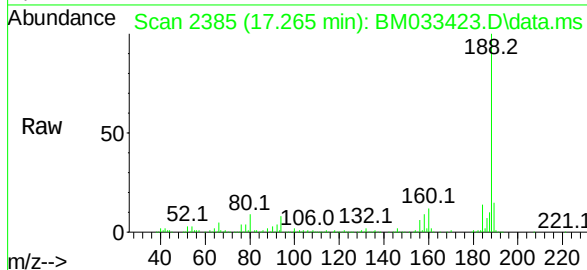
Tgt Ion:188 Resp: 260284

Ion Ratio Lower Upper

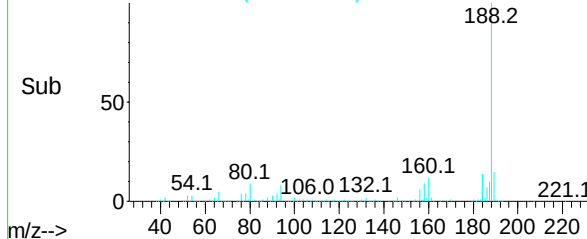
188 100

94 7.7 7.5 11.3

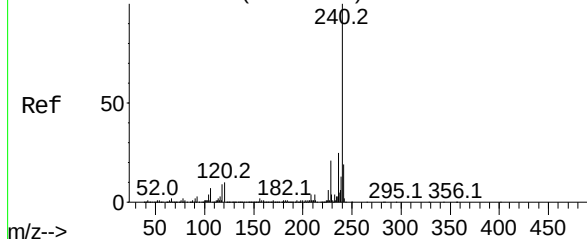
80 8.6 8.9 13.3#



Abundance Scan 2385 (17.265 min): BM033423.D\data.ms (-2334) (-)



Abundance Scan 3078 (21.442 min): BM033341.D\data.ms (-3070) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.424 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

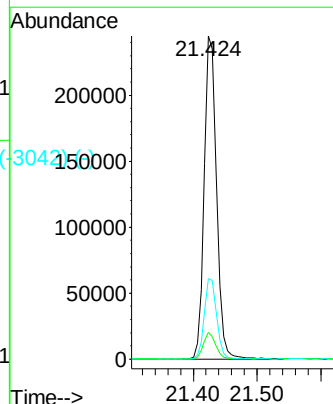
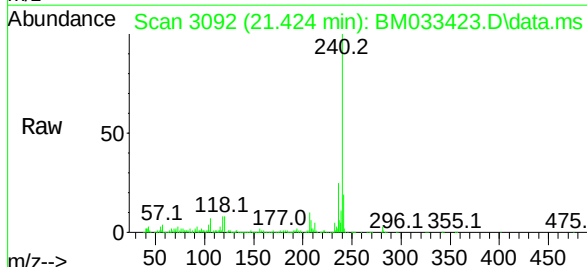
Tgt Ion:240 Resp: 328850

Ion Ratio Lower Upper

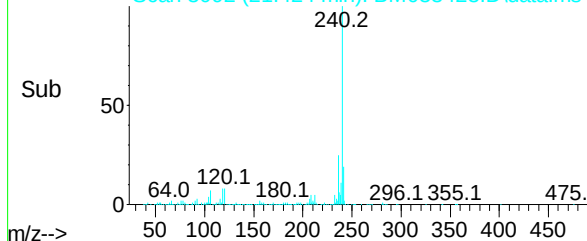
240 100

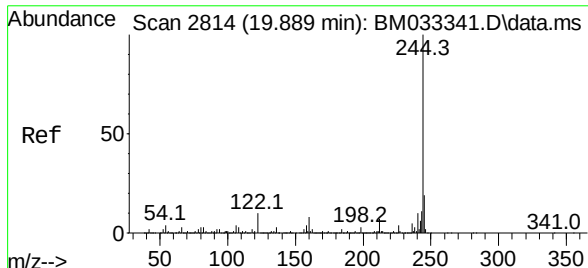
120 8.2 7.8 11.6

236 25.0 20.3 30.5



Abundance Scan 3092 (21.424 min): BM033423.D\data.ms (-3042) (-)

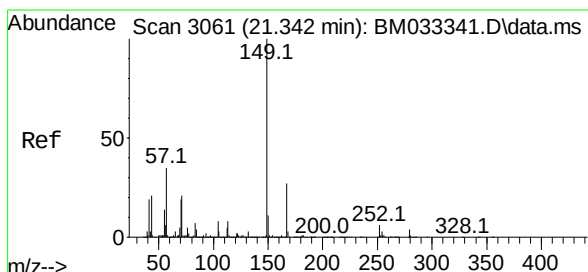
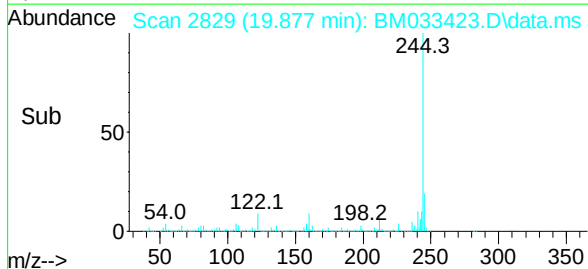
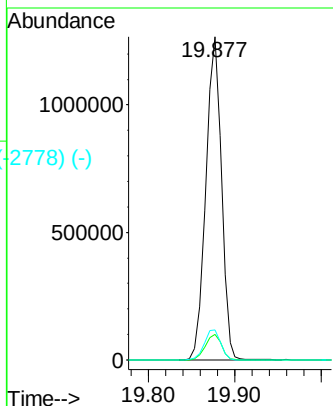
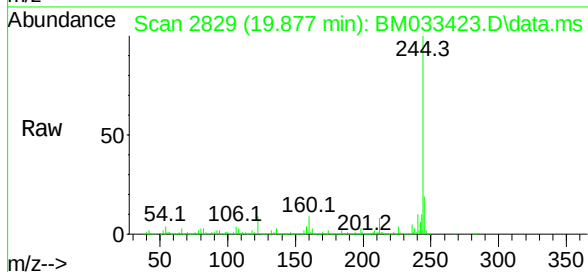




Terphenyl-d14
 Concen: 89.12 ng
 RT: 19.877 min Scan# 2879
 Delta R.T. -0.000 min
 Lab File: BM033423.D
 Acq: 11 Dec 2021 21:42

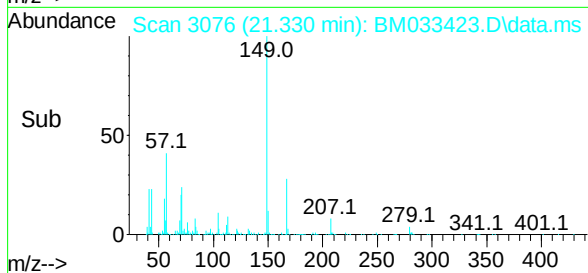
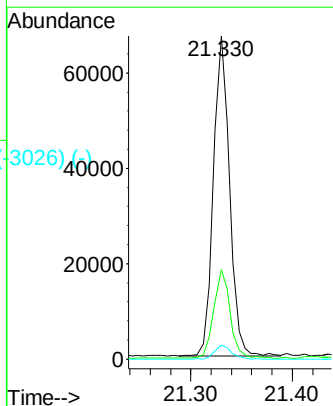
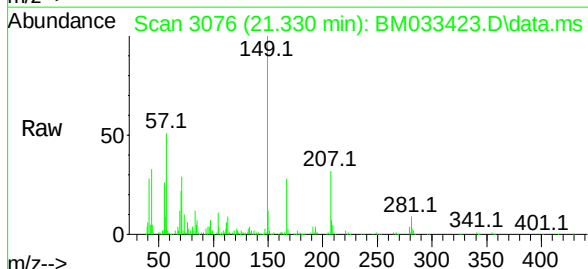
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Tgt Ion:	244	Resp:	1581906
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.3	8.4	12.6

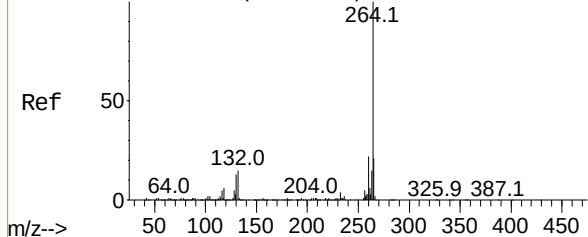


Bis(2-ethylhexyl)phthalate
 Concen: 5.84 ng
 RT: 21.330 min Scan# 3076
 Delta R.T. -0.006 min
 Lab File: BM033423.D
 Acq: 11 Dec 2021 21:42

Tgt Ion:	149	Resp:	74234
Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.4	32.0
279	4.3	3.0	4.6



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



Perylene-d12

Concen: 20.00 ng

RT: 23.747 min Scan#

Delta R.T. -0.006 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

Instrument :

BNA_M

ClientSampleId :

TP-7S

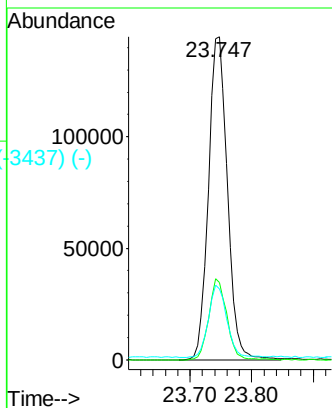
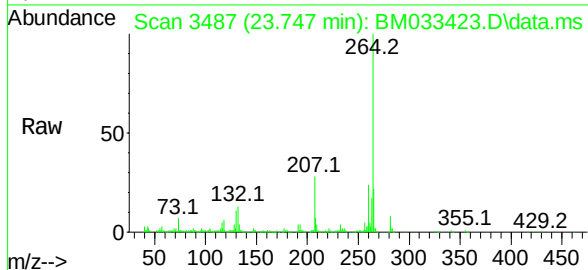
Tgt Ion:264 Resp: 308775

Ion Ratio Lower Upper

264 100

260 24.0 17.7 26.5

265 22.0 17.7 26.5



Abundance Scan 3487 (23.747 min): BM033423.D\data.ms (-3437) (-)

