

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033419.D
 Acq On : 11 Dec 2021 19:18
 Operator : CG/JU
 Sample : M4989-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P6-COMP

Quant Time: Dec 12 00:34:56 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)

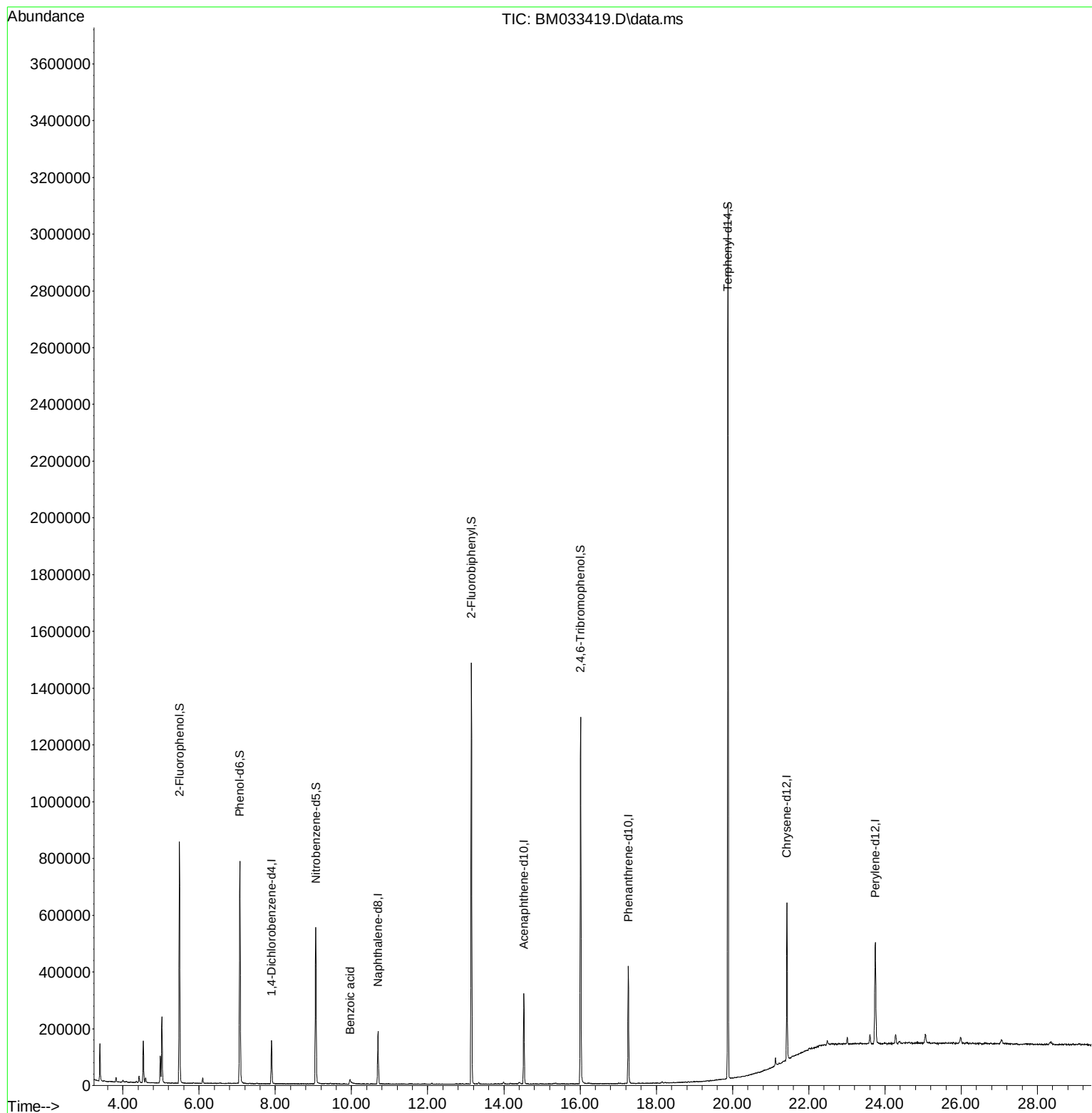
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	35366	20.00	ng	0.00
21) Naphthalene-d8	10.695	136	140060	20.00	ng	0.00
39) Acenaphthene-d10	14.524	164	100805	20.00	ng	0.00
64) Phenanthrene-d10	17.265	188	242923	20.00	ng	0.00
76) Chrysene-d12	21.424	240	270096	20.00	ng	0.00
86) Perylene-d12	23.747	264	261763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	286799	133.04	ng	0.00
7) Phenol-d6	7.072	99	349553	116.29	ng	0.00
23) Nitrobenzene-d5	9.066	82	309209	93.74	ng	0.00
42) 2,4,6-Tribromophenol	16.012	330	188036	174.38	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	685118	94.01	ng	0.00
79) Terphenyl-d14	19.877	244	1304560	89.48	ng	0.00
Target Compounds						
32) Benzoic acid	9.960	122	7910	5.91	ng	Qvalue 94

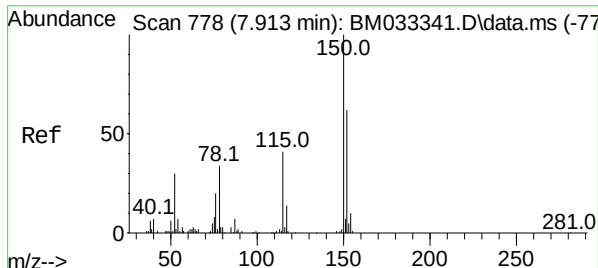
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM033419.D

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BNA_M

ClientSampleId :

P6-COMP

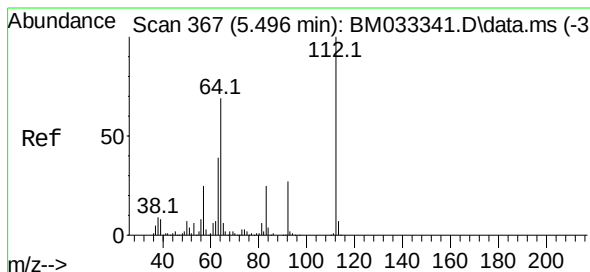
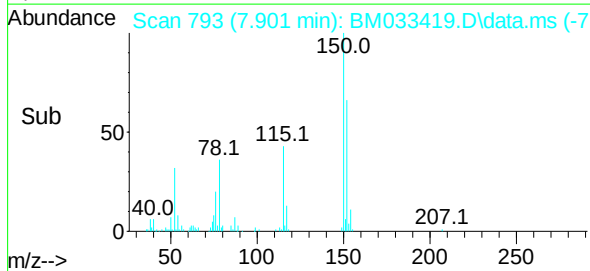
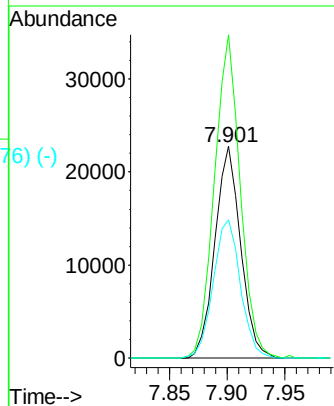
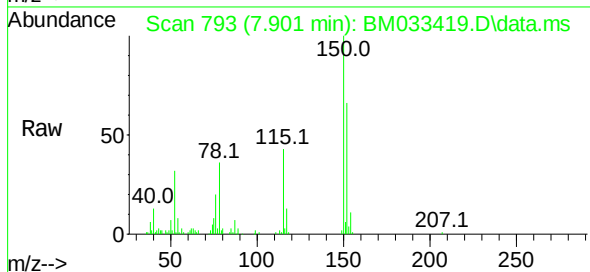
Tgt Ion:152 Resp: 35366

Ion Ratio Lower Upper

152 100

150 152.6 128.9 193.3

115 65.2 53.0 79.6



2-Fluorophenol

Concen: 133.04 ng

RT: 5.484 min Scan# 382

Delta R.T. -0.000 min

Lab File: BM033419.D

Acq: 11 Dec 2021 19:18

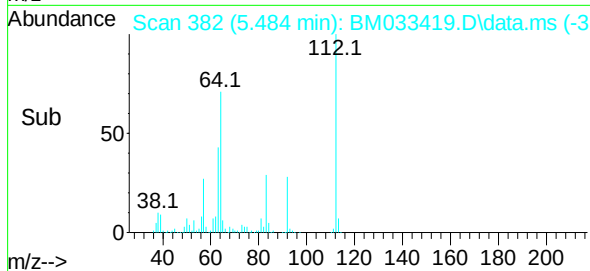
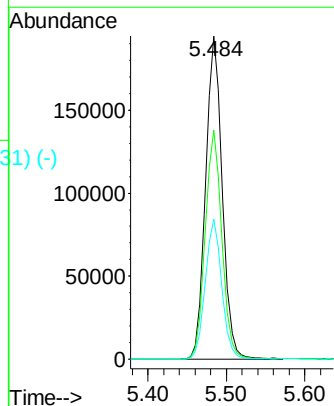
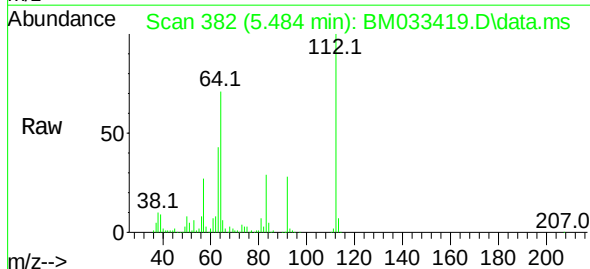
Tgt Ion:112 Resp: 286799

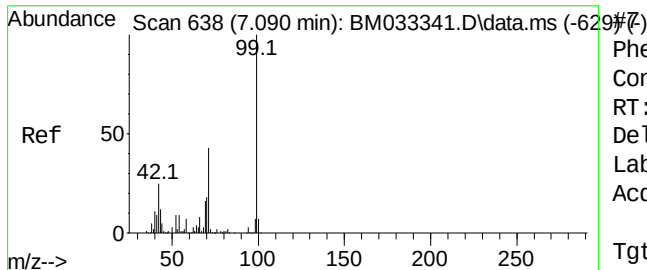
Ion Ratio Lower Upper

112 100

64 70.9 55.5 83.3

63 43.4 31.3 46.9





Phenol-d6

Concen: 116.29 ng

RT: 7.072 min Scan#

Delta R.T. -0.000 min

Lab File: BM033419.D

Acq: 11 Dec 2021 19:18

Instrument :

BNA_M

ClientSampleId :

P6-COMP

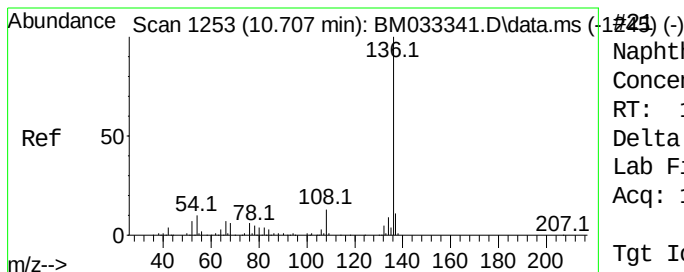
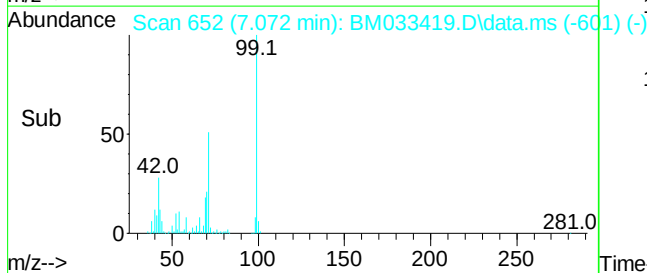
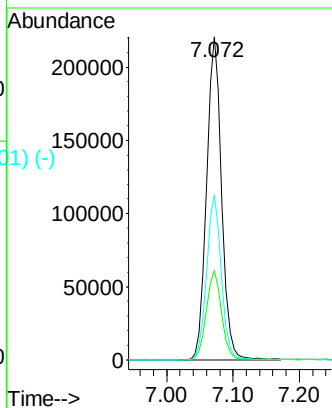
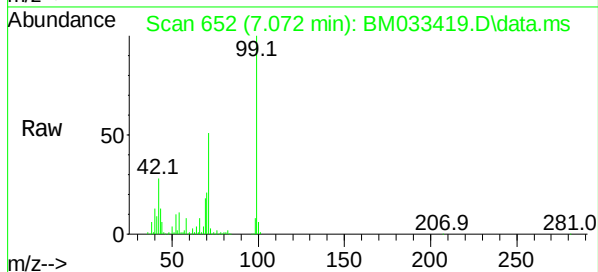
Tgt Ion: 99 Resp: 349553

Ion Ratio Lower Upper

99 100

42 27.6 20.3 30.5

71 51.1 34.5 51.7



Naphthalene-d8

Concen: 20.00 ng

RT: 10.695 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BM033419.D

Acq: 11 Dec 2021 19:18

Tgt Ion: 136 Resp: 140060

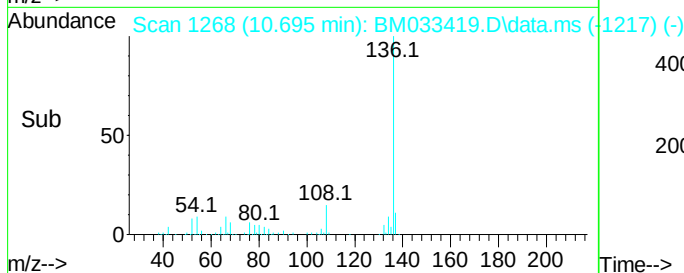
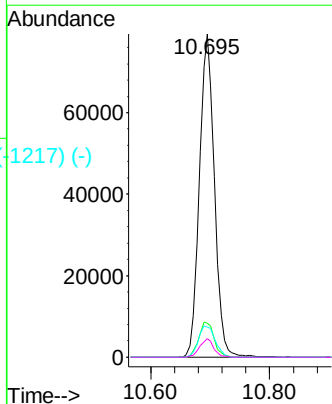
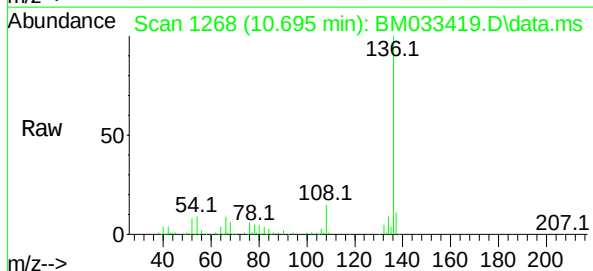
Ion Ratio Lower Upper

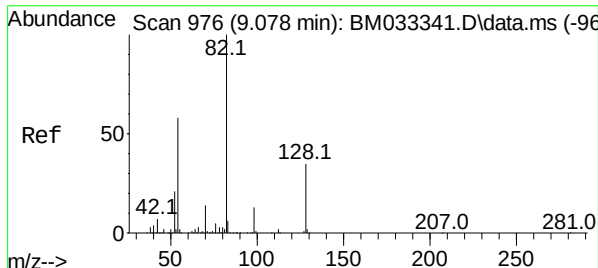
136 100

137 10.6 8.6 13.0

54 9.3 8.3 12.5

68 5.7 5.0 7.6

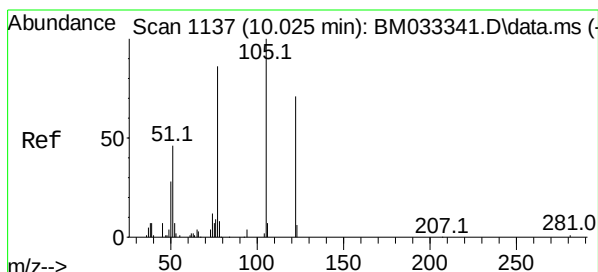
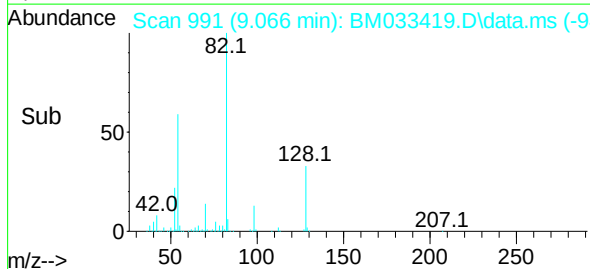
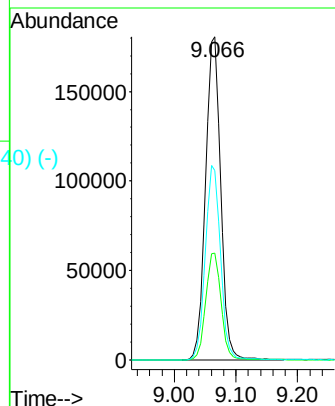
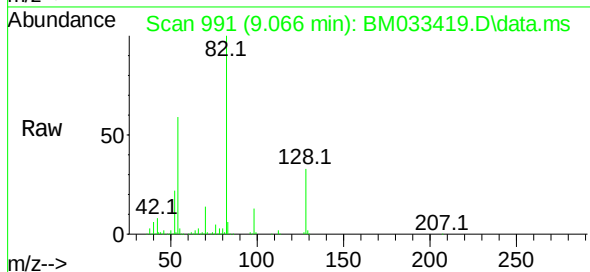




Nitrobenzene-d5
Concen: 93.74 ng
RT: 9.066 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

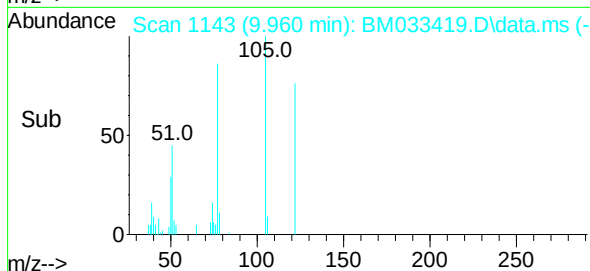
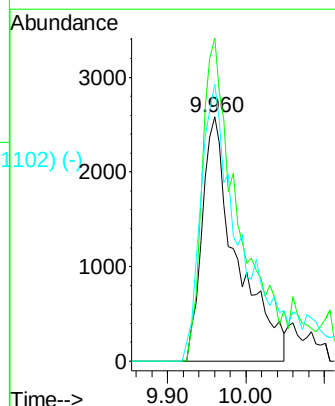
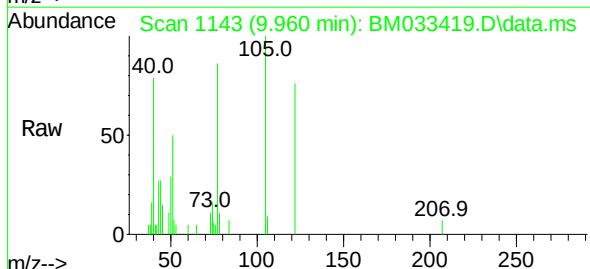
Instrument :
BNA_M
ClientSampleId :
P6-COMP

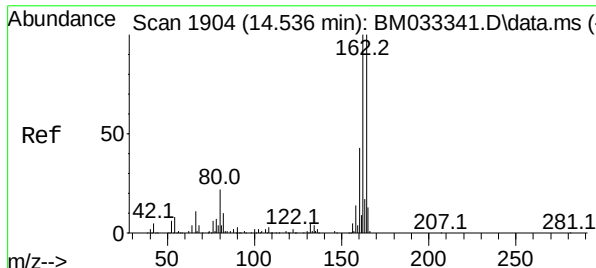
Tgt Ion:	82	Resp:	309209
Ion	Ratio	Lower	Upper
82	100		
128	33.1	28.1	42.1
54	58.6	46.1	69.1



Benzoic acid
Concen: 5.91 ng
RT: 9.960 min Scan# 1143
Delta R.T. -0.059 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

Tgt Ion:	122	Resp:	7910
Ion	Ratio	Lower	Upper
122	100		
105	132.2	119.6	159.6
77	113.5	101.0	141.0

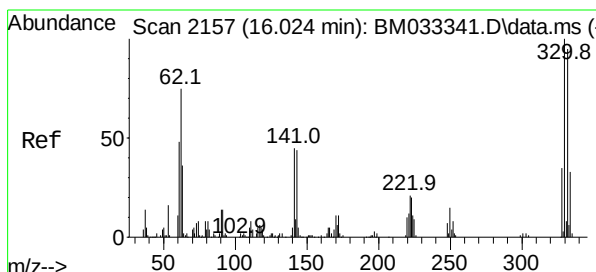
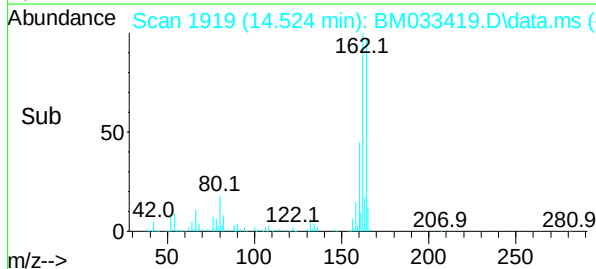
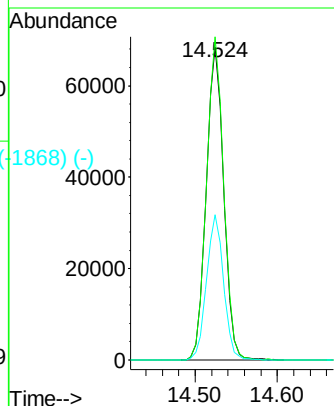
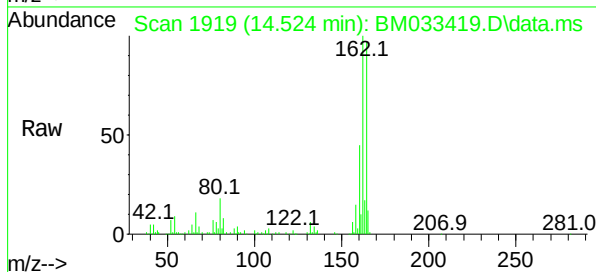




Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.524 min Scan# 1869
 Delta R.T. -0.000 min
 Lab File: BM033419.D
 Acq: 11 Dec 2021 19:18

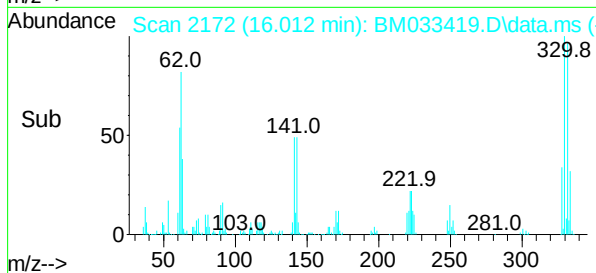
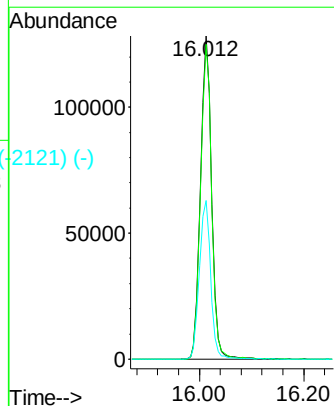
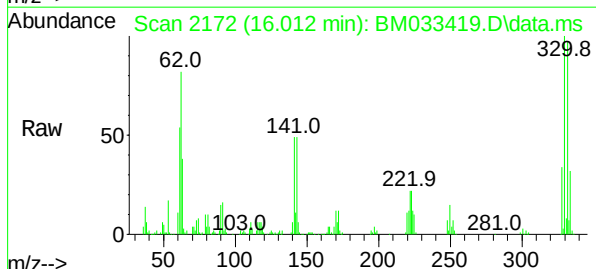
Instrument :
 BNA_M
 ClientSampleId :
 P6-COMP

Tgt Ion:	164	Resp:	100805
Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.7	119.5
160	46.5	34.2	51.4

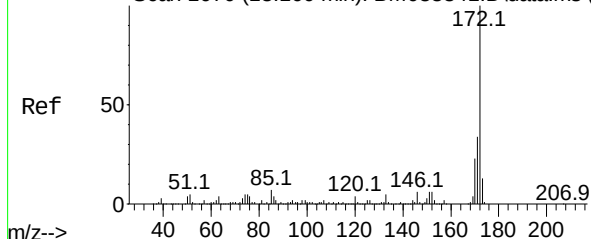


2,4,6-Tribromophenol
 Concen: 174.38 ng
 RT: 16.012 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: BM033419.D
 Acq: 11 Dec 2021 19:18

Tgt Ion:	330	Resp:	188036
Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.5	114.7
141	49.9	35.9	53.9



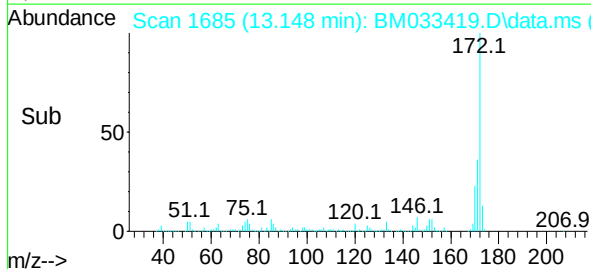
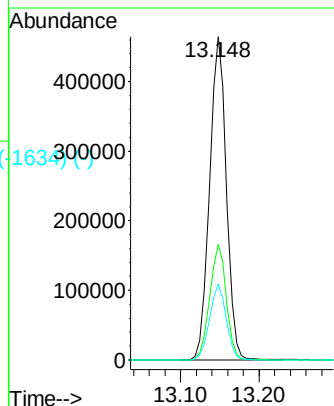
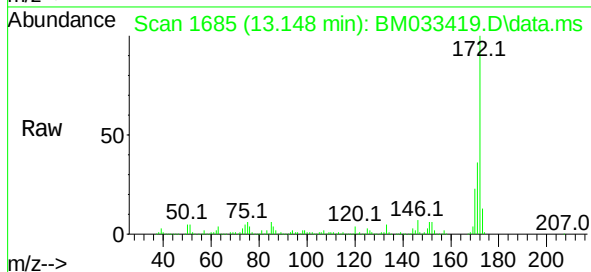
Abundance Scan 1670 (13.160 min): BM033341.D\data.ms (-1665) (-)



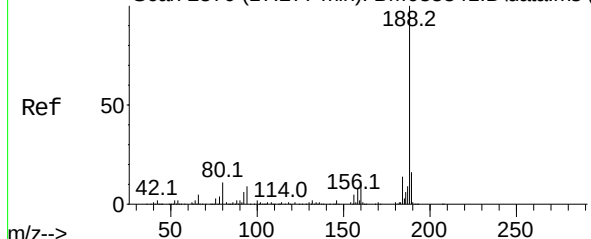
2-Fluorobiphenyl
Concen: 94.01 ng
RT: 13.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

Instrument :
BNA_M
ClientSampleId :
P6-COMP

Tgt Ion:	172	Resp:	685118
Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.2	40.8
170	23.5	18.7	28.1

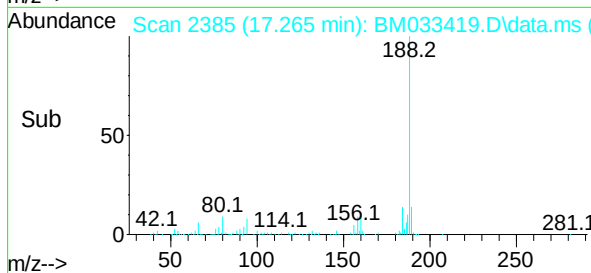
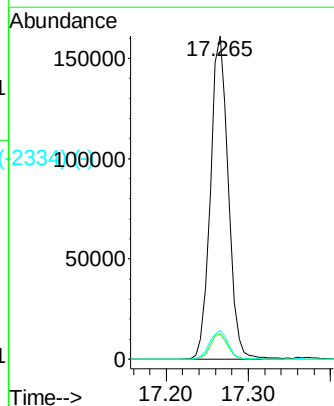
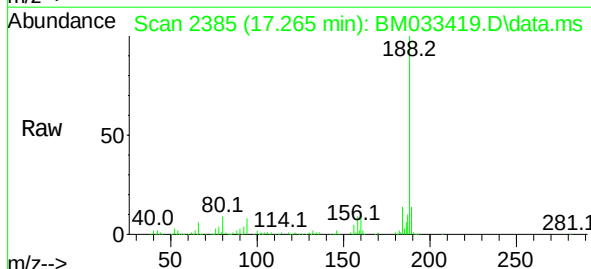


Abundance Scan 2370 (17.277 min): BM033341.D\data.ms (-2364) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.265 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

Tgt Ion:	188	Resp:	242923
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.5	11.3
80	8.9	8.9	13.3



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

Chrysene-d12

Concen: 20.00 ng

RT: 21.424 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM033419.D

Acq: 11 Dec 2021 19:18

Instrument :

BNA_M

ClientSampleId :

P6-COMP

Tgt Ion:240 Resp: 270096

Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.6

236 26.4 20.3 30.5

Abundance Scan 3092 (21.424 min): BM033419.D\data.ms

Ref 50

240.2

66.1 120.2 182.1 295.1 356.1

m/z-->

50 100 150 200 250 300 350 400

Abundance Scan 3092 (21.424 min): BM033419.D\data.ms (-3042) (-)

Raw 50

66.1 118.1 170.1 240.2 295.1 355.1 429.1

m/z-->

50 100 150 200 250 300 350 400

Abundance Scan 3092 (21.424 min): BM033419.D\data.ms (-3042) (-)

Sub 50

66.1 120.1 170.1 240.2 341.1

m/z-->

50 100 150 200 250 300 350 400

Abundance

21.424

150000

100000

50000

0

Time-->

21.40 21.50

Abundance Scan 2814 (19.889 min): BM033341.D\data.ms (-2870) (-)

Terphenyl-d14

Concen: 89.48 ng

RT: 19.877 min Scan# 2829

Delta R.T. -0.000 min

Lab File: BM033419.D

Acq: 11 Dec 2021 19:18

Tgt Ion:244 Resp: 1304560

Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

122 9.4 8.4 12.6

Abundance Scan 2829 (19.877 min): BM033419.D\data.ms

Ref 50

244.3

54.1 122.1 198.2 341.0

m/z-->

50 100 150 200 250 300 350

Abundance Scan 2829 (19.877 min): BM033419.D\data.ms (-2778) (-)

Raw 50

54.1 106.1 160.1 202.2 244.3 354.9

m/z-->

50 100 150 200 250 300 350

Abundance Scan 2829 (19.877 min): BM033419.D\data.ms (-2778) (-)

Sub 50

54.1 106.1 160.1 202.2 244.3

m/z-->

50 100 150 200 250 300 350

Abundance

19.877

1000000

800000

600000

400000

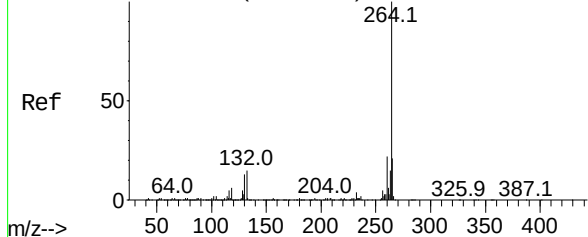
200000

0

Time-->

19.80 19.90 20.00

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



Perylene-d12

Concen: 20.00 ng

RT: 23.747 min Scan#

Delta R.T. -0.006 min

Lab File: BM033419.D

Acq: 11 Dec 2021 19:18

Instrument :

BNA_M

ClientSampleId :

P6-COMP

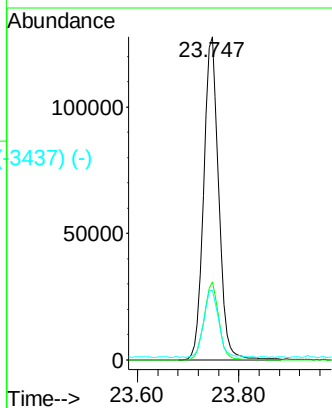
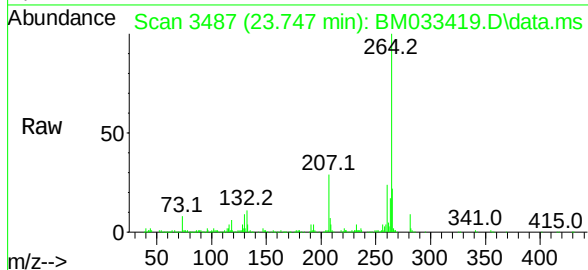
Tgt Ion:264 Resp: 261763

Ion Ratio Lower Upper

264 100

260 24.2 17.7 26.5

265 21.5 17.7 26.5



Abundance Scan 3487 (23.747 min): BM033419.D\data.ms (-3437) (-)

