

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033429.D
 Acq On : 12 Dec 2021 01:21
 Operator : CG/JU
 Sample : M4873-08DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A2-9-6.5DL

Quant Time: Dec 12 02:18:23 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)

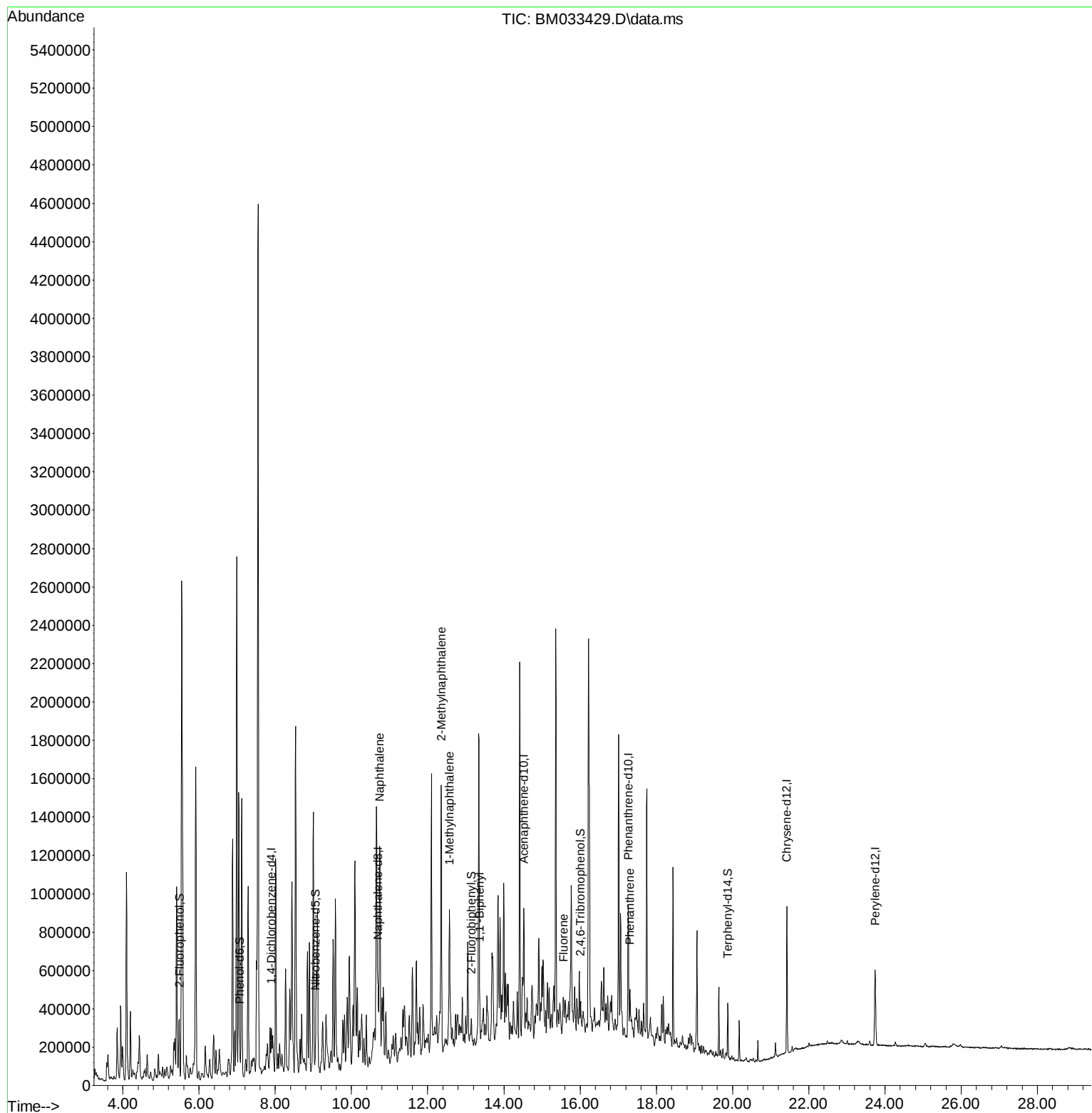
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	58860	20.00	ng	0.00
21) Naphthalene-d8	10.696	136	264255	20.00	ng	0.00
39) Acenaphthene-d10	14.525	164	182535	20.00	ng	0.00
64) Phenanthrene-d10	17.266	188	387972	20.00	ng	0.00
76) Chrysene-d12	21.424	240	354696	20.00	ng	0.00
86) Perylene-d12	23.742	264	289282	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	34542	9.63	ng	0.00
7) Phenol-d6	7.072	99	53896	10.77	ng	0.00
23) Nitrobenzene-d5	9.060	82	40452	6.50	ng	0.00
42) 2,4,6-Tribromophenol	16.013	330	11622	5.95	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	74801	5.67	ng	0.00
79) Terphenyl-d14	19.871	244	115510	6.03	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.743	128	621204	43.99	ng	98
37) 2-Methylnaphthalene	12.354	142	611276	63.32	ng	97
38) 1-Methylnaphthalene	12.572	142	293269	30.81	ng	98
46) 1,1'-Biphenyl	13.360	154	42732	3.07	ng	95
58) Fluorene	15.572	166	31442	2.36	ng	# 84
71) Phenanthrene	17.307	178	95243	4.38	ng	# 95

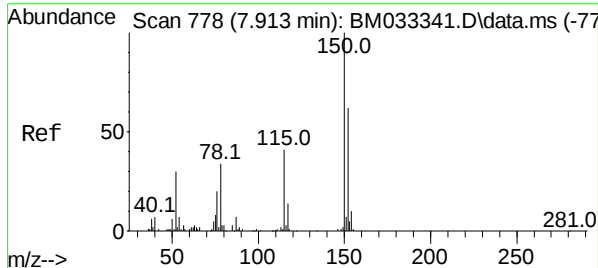
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
Data File : BM033429.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
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1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.896 min Scan#

Delta R.T. -0.005 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Instrument :

BNA_M

ClientSampleId :

A2-9-6.5DL

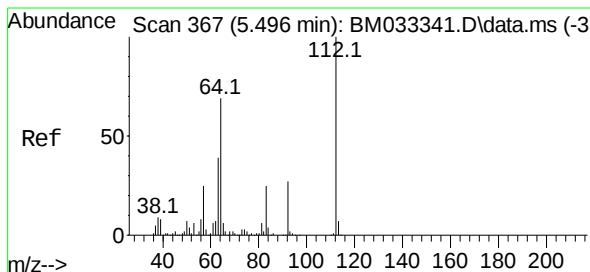
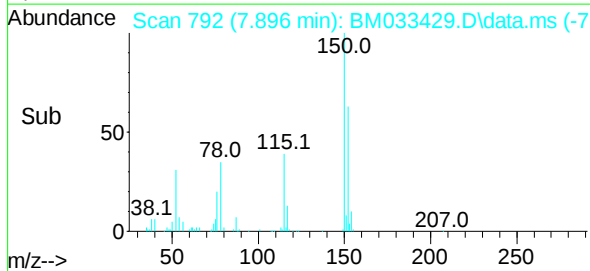
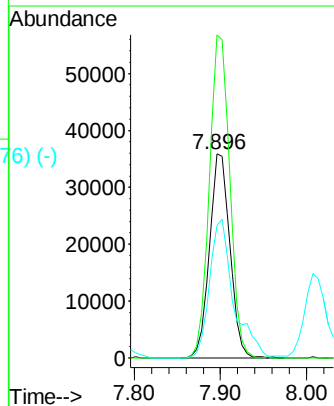
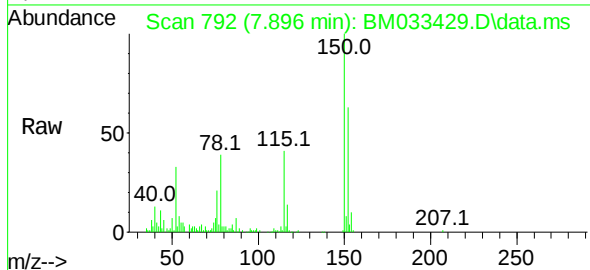
Tgt Ion:152 Resp: 58860

Ion Ratio Lower Upper

152 100

150 158.4 128.9 193.3

115 65.0 53.0 79.6



2-Fluorophenol

Concen: 9.63 ng

RT: 5.484 min Scan# 382

Delta R.T. 0.000 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

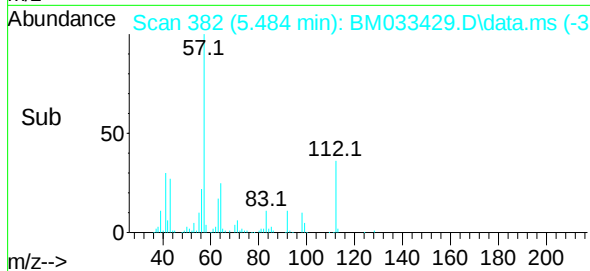
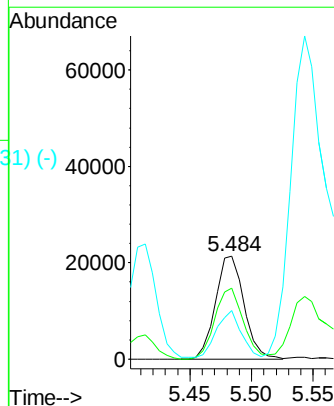
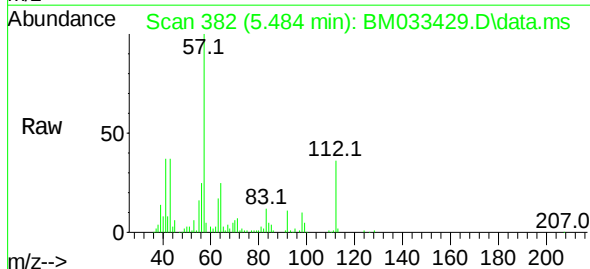
Tgt Ion:112 Resp: 34542

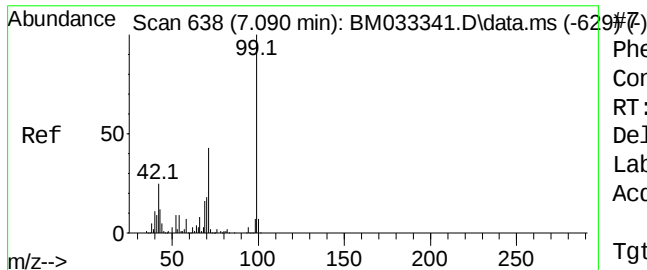
Ion Ratio Lower Upper

112 100

64 69.0 55.5 83.3

63 46.9 31.3 46.9

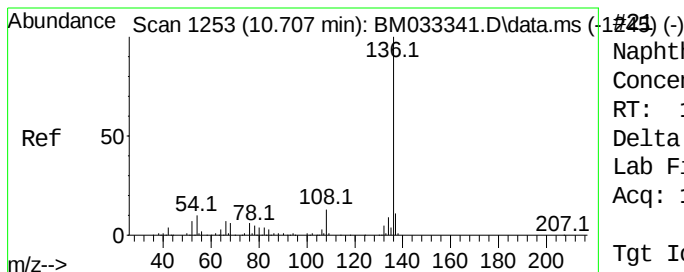
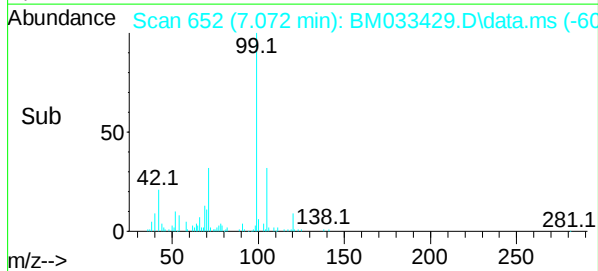
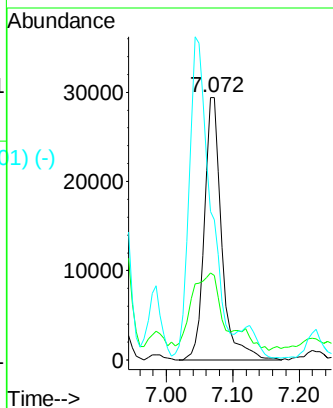
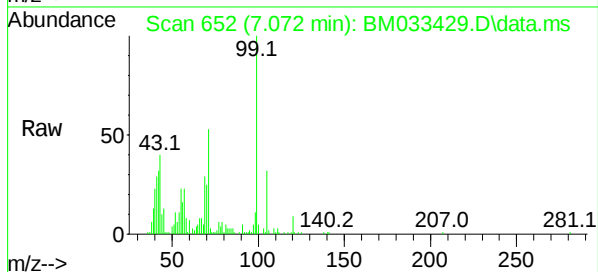




Phenol-d6
Concen: 10.77 ng
RT: 7.072 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

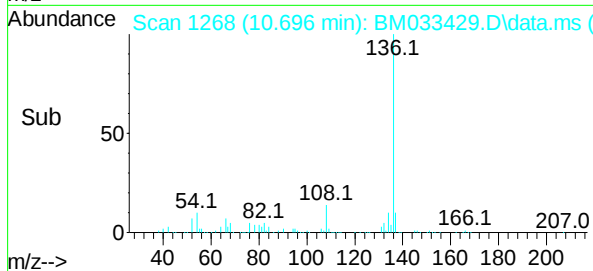
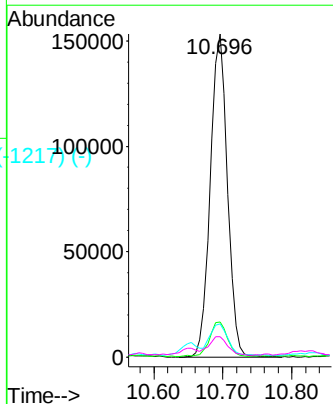
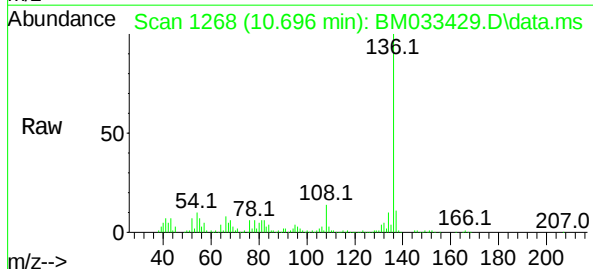
Instrument :
BNA_M
ClientSampleId :
A2-9-6.5DL

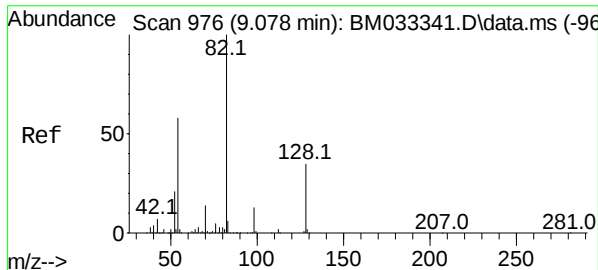
Tgt Ion: 99 Resp: 53896
Ion Ratio Lower Upper
99 100
42 32.1 20.3 30.5#
71 53.3 34.5 51.7#



Naphthalene-d8
Concen: 20.00 ng
RT: 10.696 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Tgt Ion: 136 Resp: 264255
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.3 12.5
68 6.4 5.0 7.6

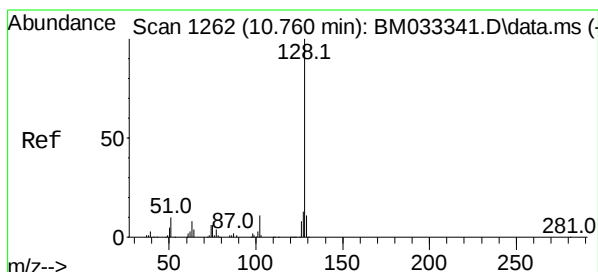
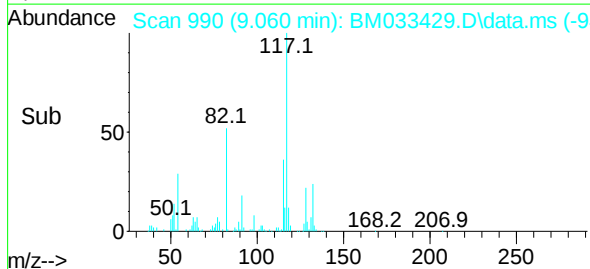
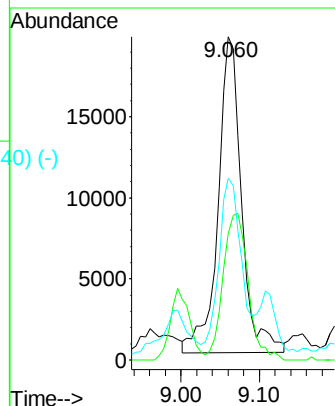
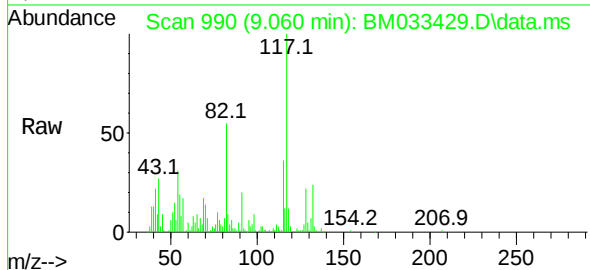




Nitrobenzene-d5
 Concen: 6.50 ng
 RT: 9.060 min Scan# 976
 Delta R.T. -0.006 min
 Lab File: BM033429.D
 Acq: 12 Dec 2021 01:21

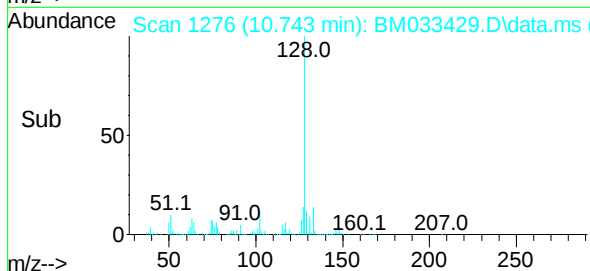
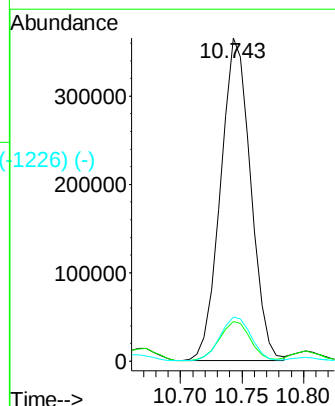
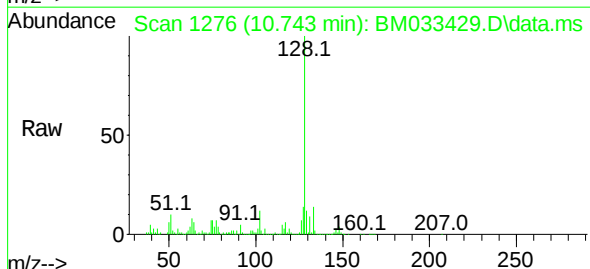
Instrument :
 BNA_M
 ClientSampleId :
 A2-9-6.5DL

Tgt Ion:	82	Resp:	40452
Ion	Ratio	Lower	Upper
82	100		
128	39.1	28.1	42.1
54	56.3	46.1	69.1

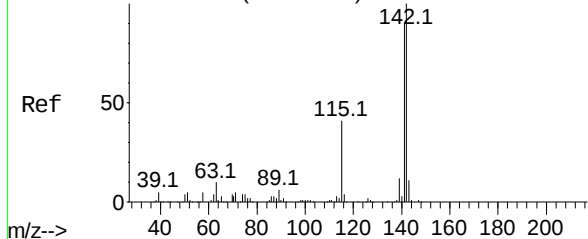


Naphthalene
 Concen: 43.99 ng
 RT: 10.743 min Scan# 1276
 Delta R.T. -0.006 min
 Lab File: BM033429.D
 Acq: 12 Dec 2021 01:21

Tgt Ion:	128	Resp:	621204
Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.5	12.7
127	13.6	10.8	16.2



Abundance Scan 1535 (12.366 min): BM033341.D\data.ms (-1535) (-)



2-Methylnaphthalene

Concen: 63.32 ng

RT: 12.354 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Instrument :

BNA_M

ClientSampleId :

A2-9-6.5DL

Tgt Ion:142 Resp: 611276

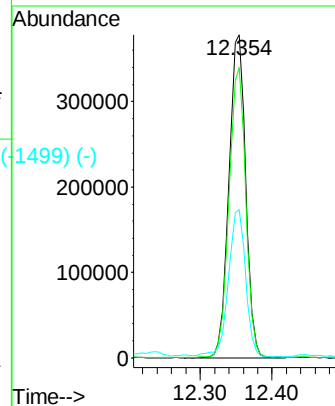
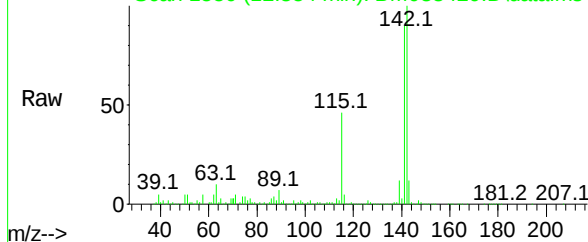
Ion Ratio Lower Upper

142 100

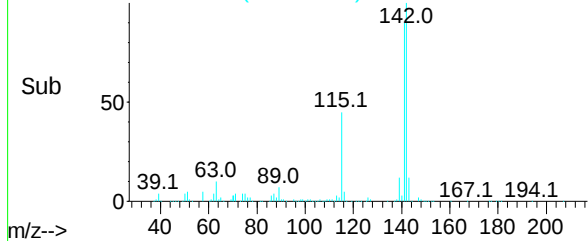
141 89.9 72.2 108.2

115 45.9 33.0 49.6

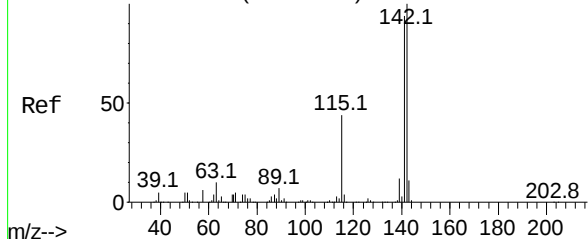
Abundance Scan 1550 (12.354 min): BM033429.D\data.ms



Abundance Scan 1550 (12.354 min): BM033429.D\data.ms (-1499) (-)



Abundance Scan 1572 (12.583 min): BM033341.D\data.ms (-1535) (-)



1-Methylnaphthalene

Concen: 30.81 ng

RT: 12.572 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Tgt Ion:142 Resp: 293269

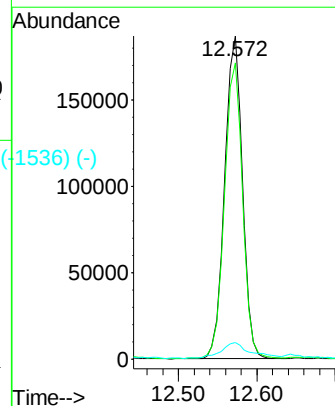
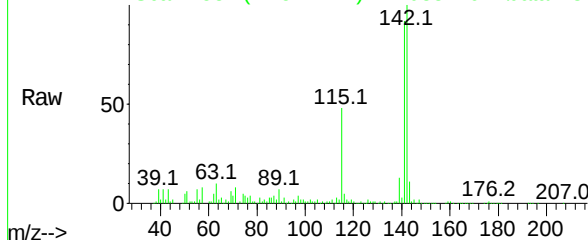
Ion Ratio Lower Upper

142 100

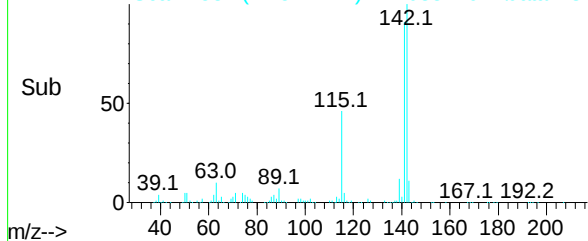
141 91.6 75.0 112.4

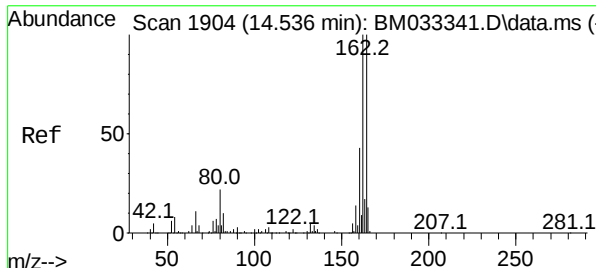
116 5.2 3.5 5.3

Abundance Scan 1587 (12.572 min): BM033429.D\data.ms



Abundance Scan 1587 (12.572 min): BM033429.D\data.ms (-1536) (-)





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.525 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Instrument :

BNA_M

ClientSampleId :

A2-9-6.5DL

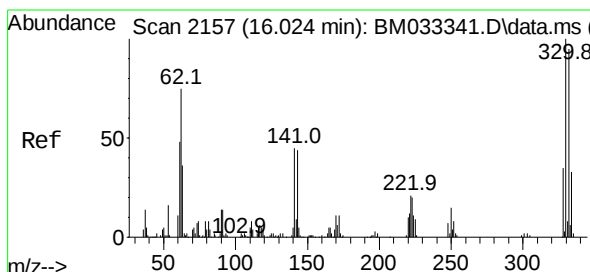
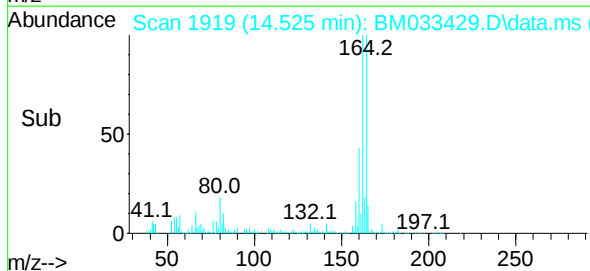
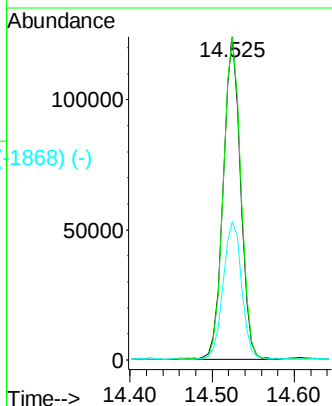
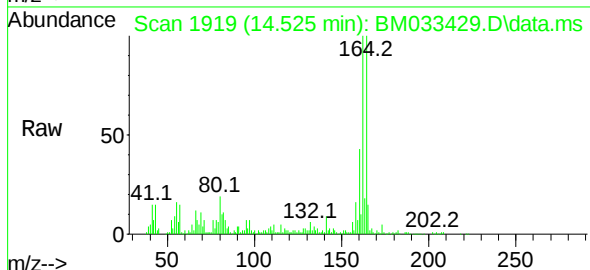
Tgt Ion:164 Resp: 182535

Ion Ratio Lower Upper

164 100

162 99.7 79.7 119.5

160 42.8 34.2 51.4



2,4,6-Tribromophenol

Concen: 5.95 ng

RT: 16.013 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

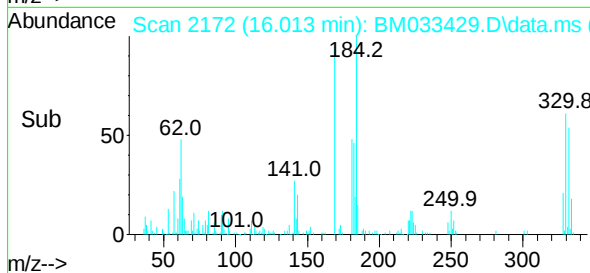
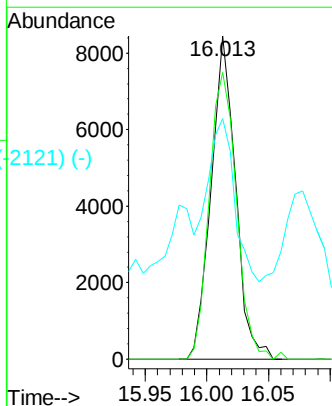
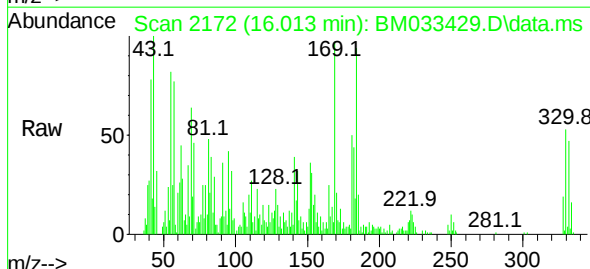
Tgt Ion:330 Resp: 11622

Ion Ratio Lower Upper

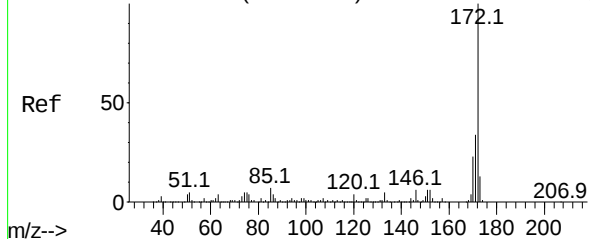
330 100

332 99.3 76.5 114.7

141 55.8 35.9 53.9#



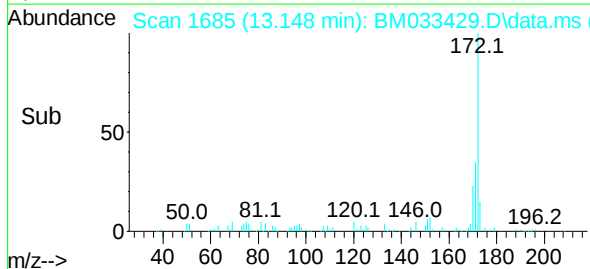
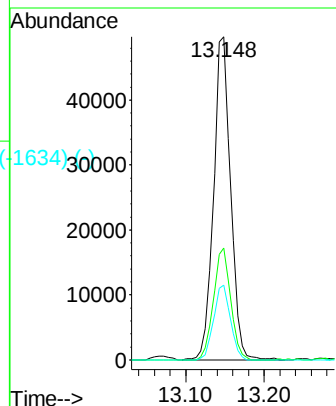
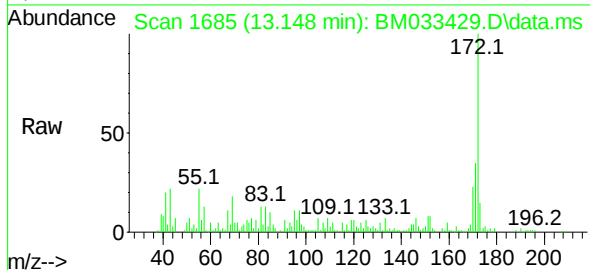
Abundance Scan 1670 (13.160 min): BM033341.D\data.ms (-1665) (-)



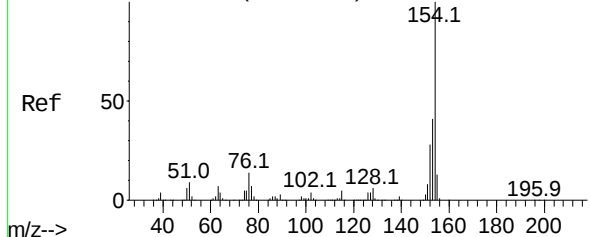
2-Fluorobiphenyl
Concen: 5.67 ng
RT: 13.148 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Instrument :
BNA_M
ClientSampleId :
A2-9-6.5DL

Tgt Ion:	172	Resp:	74801
Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.2	40.8
170	23.1	18.7	28.1

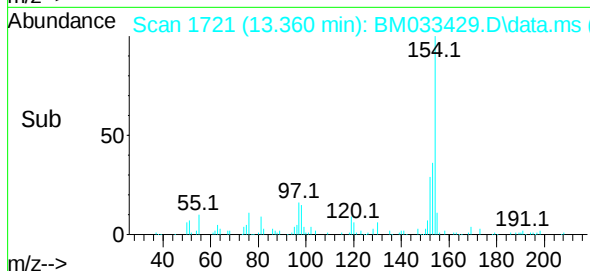
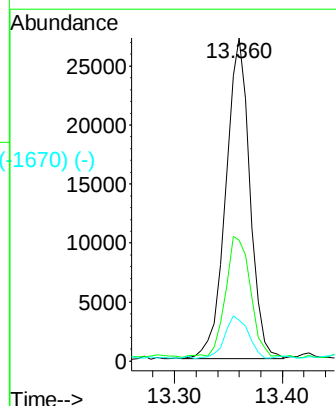
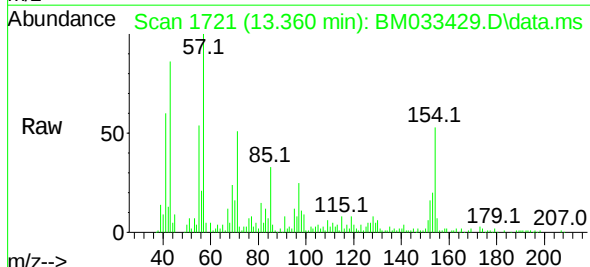


Abundance Scan 1706 (13.371 min): BM033341.D\data.ms (-1646) (-)

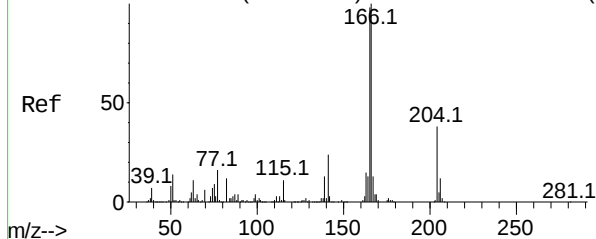


1,1'-Biphenyl
Concen: 3.07 ng
RT: 13.360 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Tgt Ion:	154	Resp:	42732
Ion	Ratio	Lower	Upper
154	100		
153	37.5	20.7	60.7
76	12.7	0.0	34.4



Abundance Scan 2082 (15.583 min): BM033341.D\data.ms (-2055) (-)



Fluorene

Concen: 2.36 ng

RT: 15.572 min Scan# 2046

Delta R.T. 0.000 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Instrument :

BNA_M

ClientSampleId :

A2-9-6.5DL

Tgt Ion:166 Resp: 31442

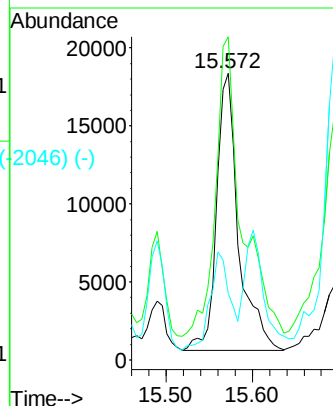
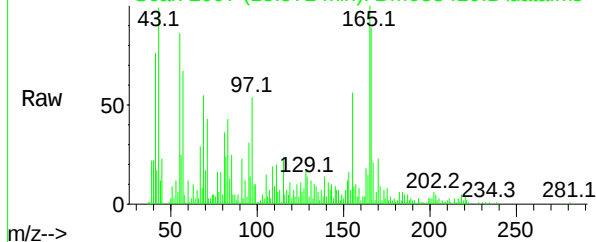
Ion Ratio Lower Upper

166 100

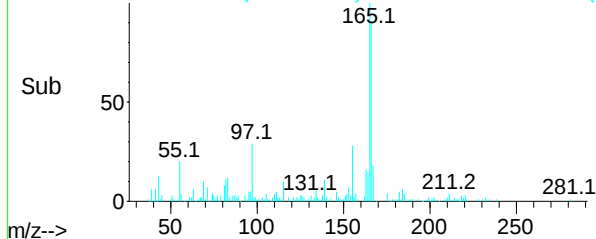
165 112.7 78.1 117.1

167 23.2 10.6 15.8#

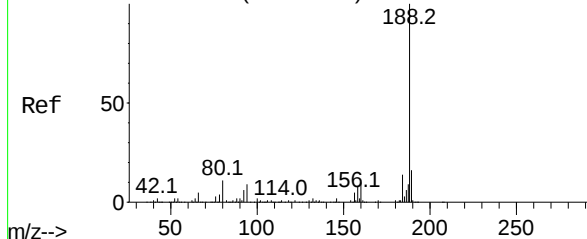
Abundance Scan 2097 (15.572 min): BM033429.D\data.ms



Abundance Scan 2097 (15.572 min): BM033429.D\data.ms (-2046) (-)



Abundance Scan 2370 (17.277 min): BM033341.D\data.ms (-2062) (-)



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.266 min Scan# 2385

Delta R.T. 0.000 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Tgt Ion:188 Resp: 387972

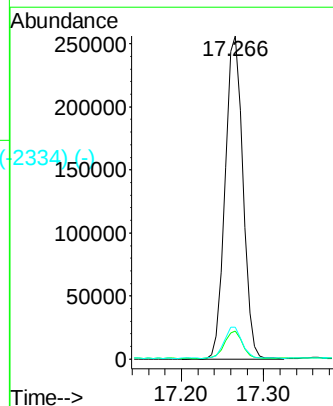
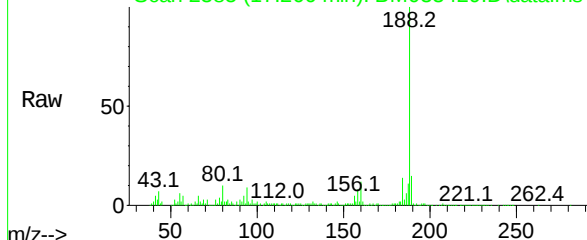
Ion Ratio Lower Upper

188 100

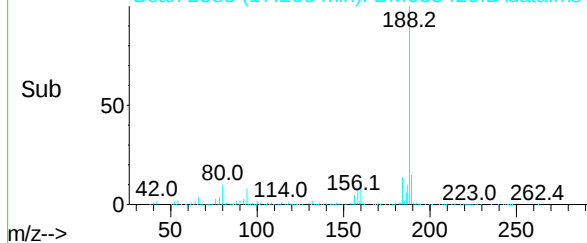
94 8.7 7.5 11.3

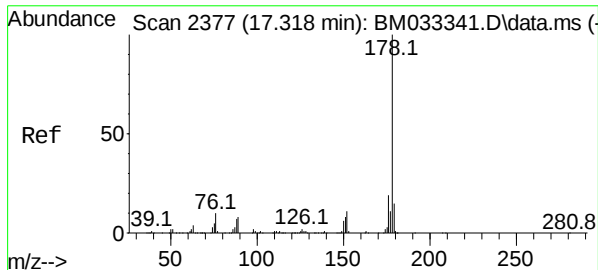
80 10.0 8.9 13.3

Abundance Scan 2385 (17.266 min): BM033429.D\data.ms



Abundance Scan 2385 (17.266 min): BM033429.D\data.ms (-2334) (-)

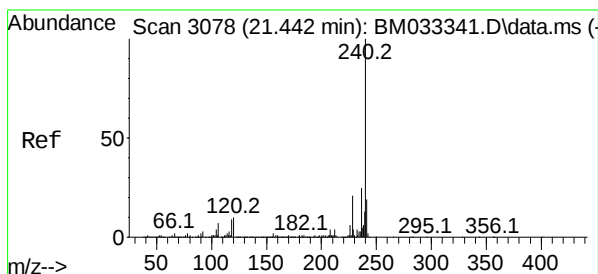
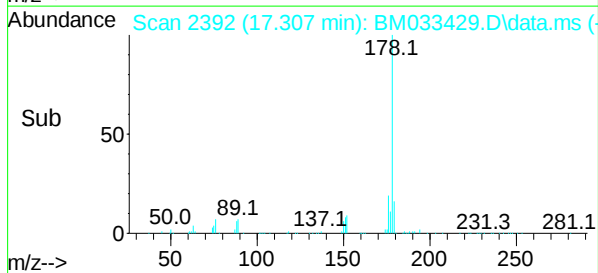
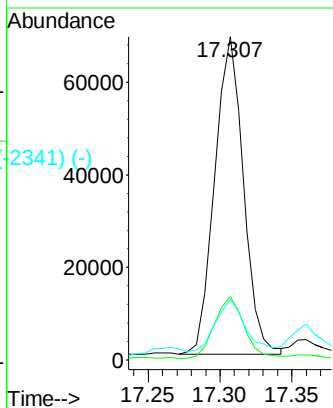
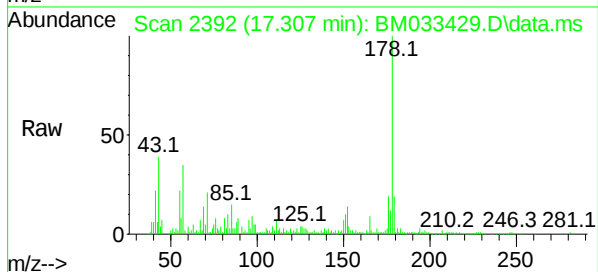




Phenanthrene
Concen: 4.38 ng
RT: 17.307 min Scan# 2377
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

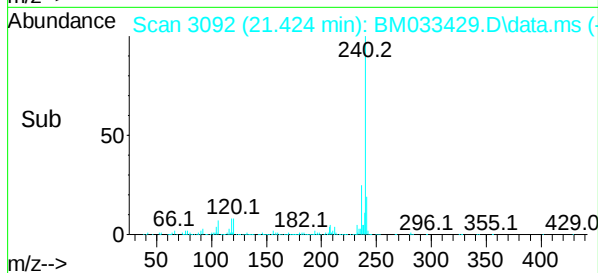
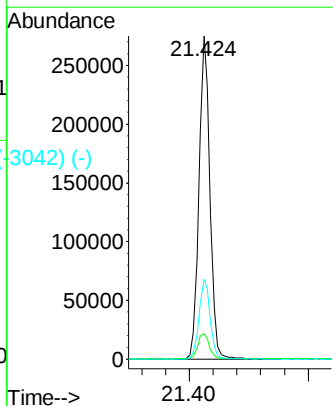
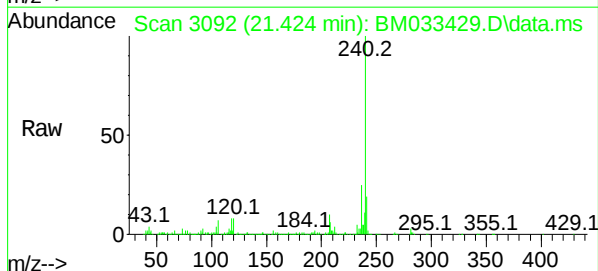
Instrument :
BNA_M
ClientSampleId :
A2-9-6.5DL

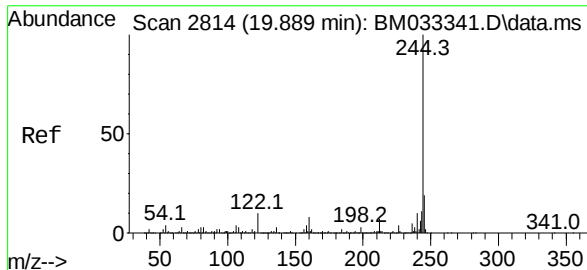
Tgt Ion:	178	Resp:	95243
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.1	22.7
179	18.7	12.0	18.0#



Chrysene-d12
Concen: 20.00 ng
RT: 21.424 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Tgt Ion:	240	Resp:	354696
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.8	11.6
236	24.7	20.3	30.5





Terphenyl-d14

Concen: 6.03 ng

RT: 19.871 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Instrument :

BNA_M

ClientSampleId :

A2-9-6.5DL

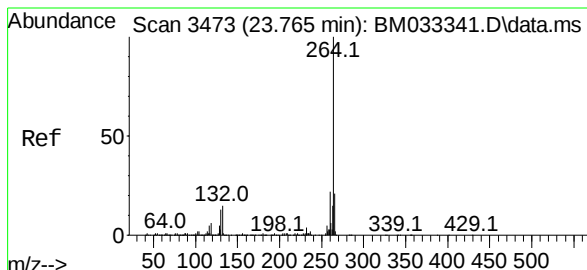
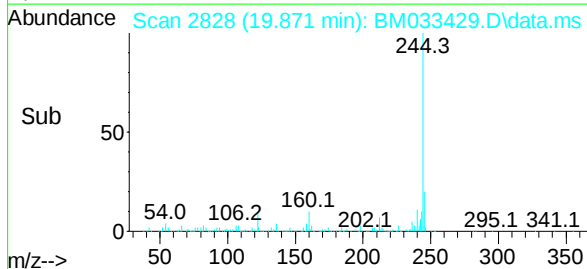
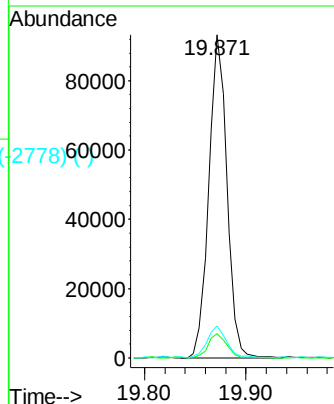
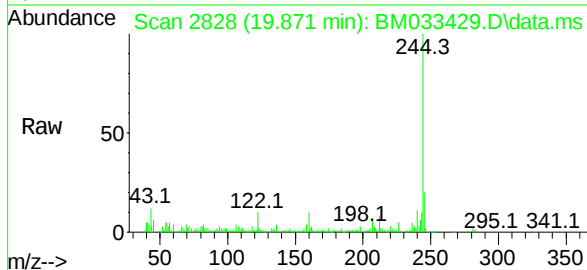
Tgt Ion:244 Resp: 115510

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 9.8 8.4 12.6



Perylene-d12

Concen: 20.00 ng

RT: 23.742 min Scan# 3486

Delta R.T. -0.011 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Tgt Ion:264 Resp: 289282

Ion Ratio Lower Upper

264 100

260 24.1 17.7 26.5

265 22.7 17.7 26.5

