

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046349.D
 Acq On : 28 Jun 2024 12:46
 Operator : MA/JU
 Sample : P3076-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 7-S-1

Quant Time: Jun 28 13:29:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

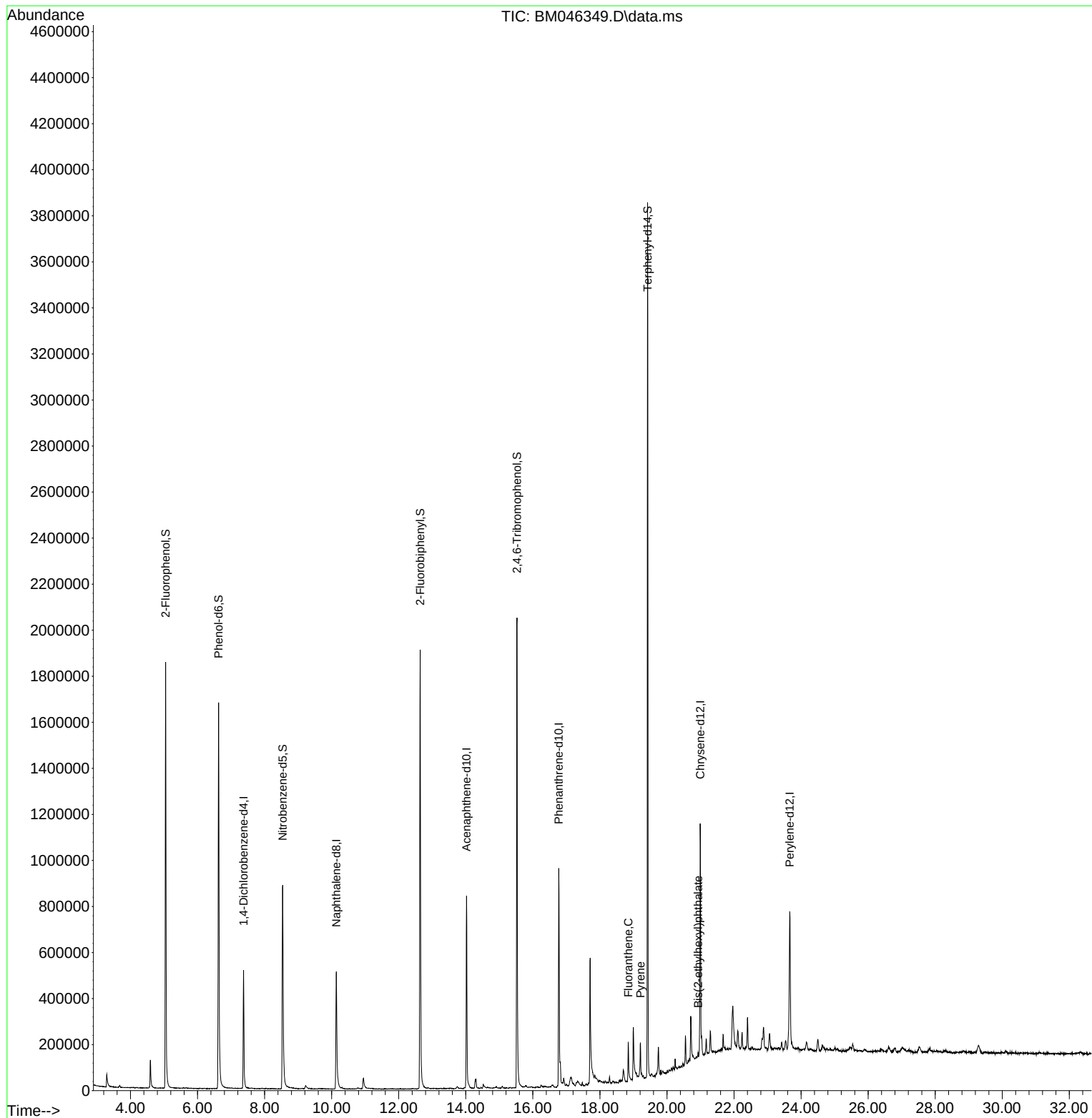
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	119708	20.000	ng	0.00
21) Naphthalene-d8	10.139	136	470683	20.000	ng	0.01
39) Acenaphthene-d10	14.022	164	282811	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	561315	20.000	ng	0.00
76) Chrysene-d12	20.992	240	457522	20.000	ng	0.00
86) Perylene-d12	23.662	264	470744	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.046	112	678446	91.101	ng	0.00
7) Phenol-d6	6.628	99	875974	82.799	ng	0.00
23) Nitrobenzene-d5	8.540	82	598120	52.680	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	289670	84.223	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	972484	46.607	ng	0.00
79) Terphenyl-d14	19.421	244	1468078	53.089	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	18.845	202	90889	2.575	ng	97
78) Pyrene	19.209	202	87255	2.746	ng	99
84) Bis(2-ethylhexyl)phtha...	20.927	149	7381	2.712	ng	96

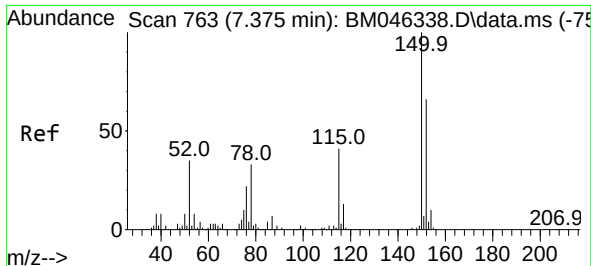
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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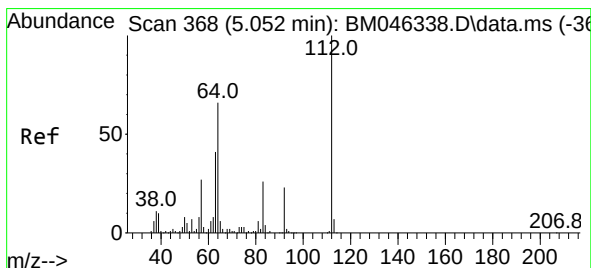
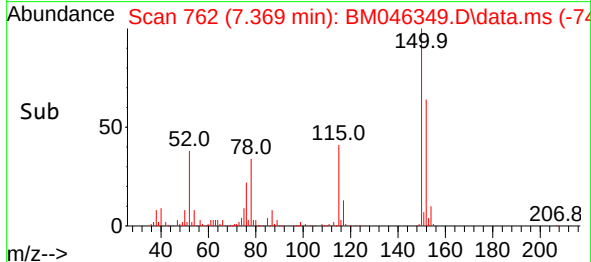
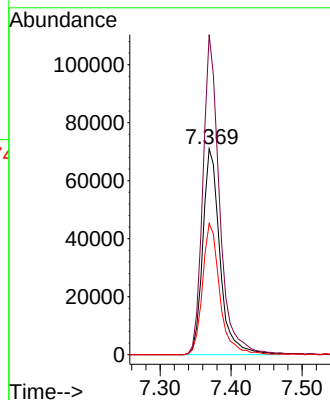
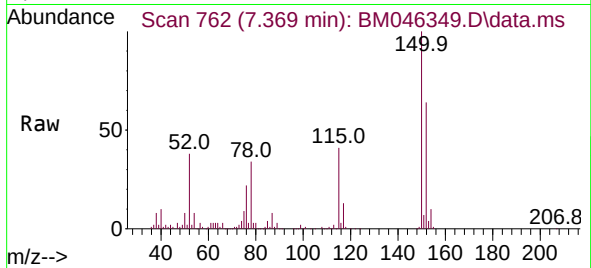




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM046349.D
Acq: 28 Jun 2024 12:46

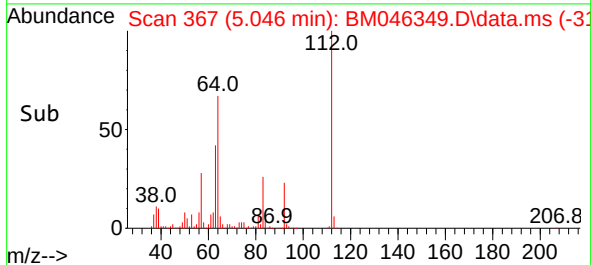
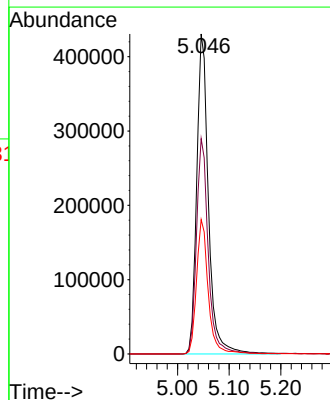
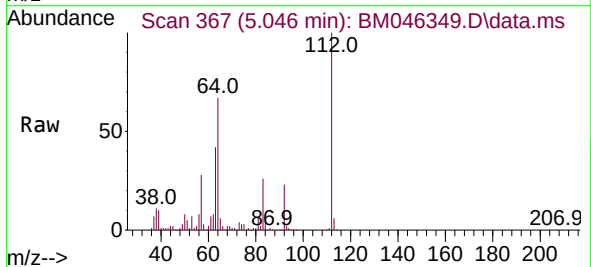
Instrument :
BNA_M
ClientSampleId :
7-S-1

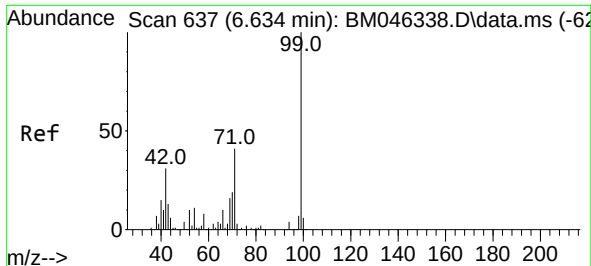
Tgt Ion:152 Resp: 119708
Ion Ratio Lower Upper
152 100
150 155.4 122.1 183.1
115 63.8 50.2 75.4



#5
2-Fluorophenol
Concen: 91.101 ng
RT: 5.046 min Scan# 367
Delta R.T. -0.006 min
Lab File: BM046349.D
Acq: 28 Jun 2024 12:46

Tgt Ion:112 Resp: 678446
Ion Ratio Lower Upper
112 100
64 67.3 52.8 79.2
63 42.0 32.9 49.3

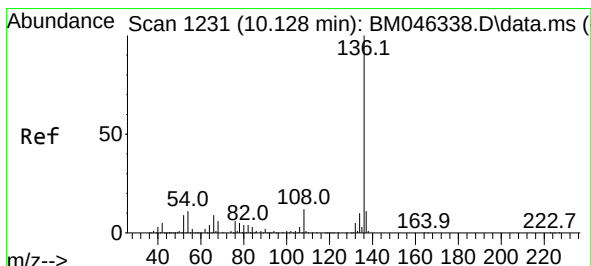
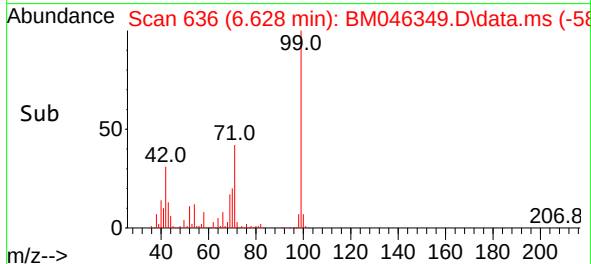
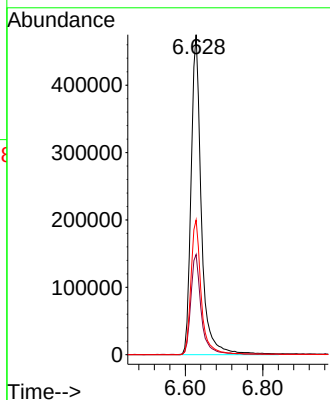
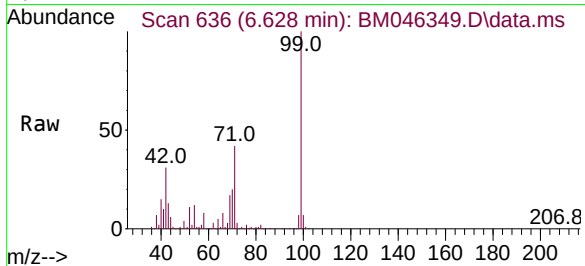




#7
Phenol-d6
Concen: 82.799 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046349.D
Acq: 28 Jun 2024 12:46

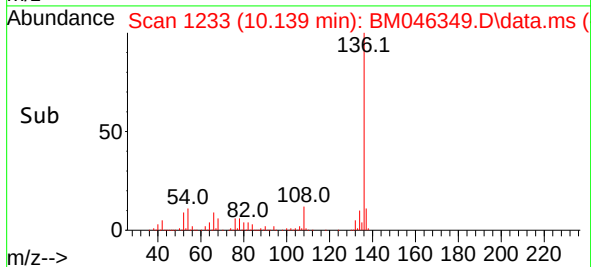
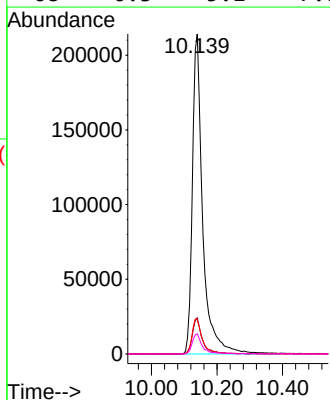
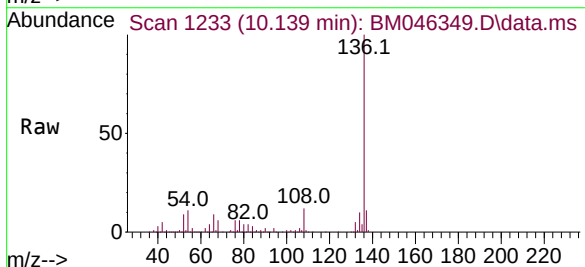
Instrument :
BNA_M
ClientSampleId :
7-S-1

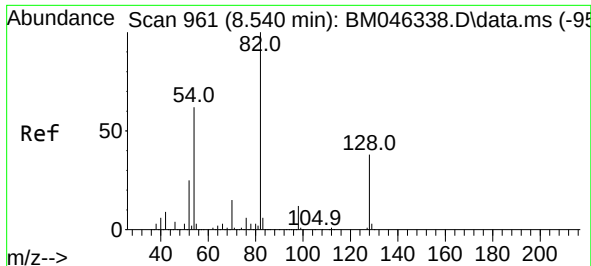
Tgt Ion: 99 Resp: 875974
Ion Ratio Lower Upper
99 100
42 31.3 24.8 37.2
71 42.1 33.1 49.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.139 min Scan# 1233
Delta R.T. 0.011 min
Lab File: BM046349.D
Acq: 28 Jun 2024 12:46

Tgt Ion: 136 Resp: 470683
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 10.6 9.0 13.4
68 6.3 5.1 7.7

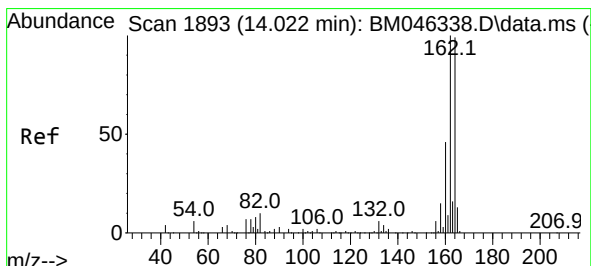
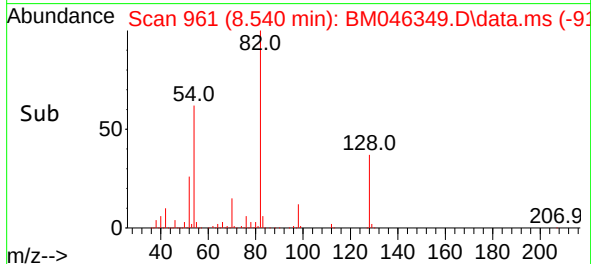
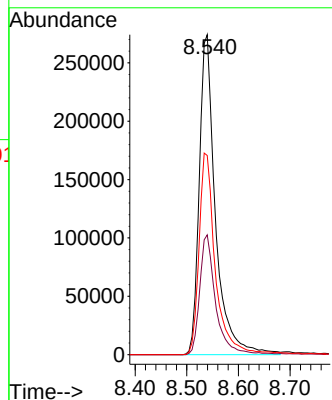
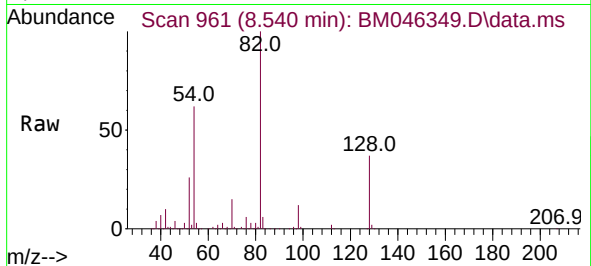




#23
Nitrobenzene-d5
Concen: 52.680 ng
RT: 8.540 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM046349.D
Acq: 28 Jun 2024 12:46

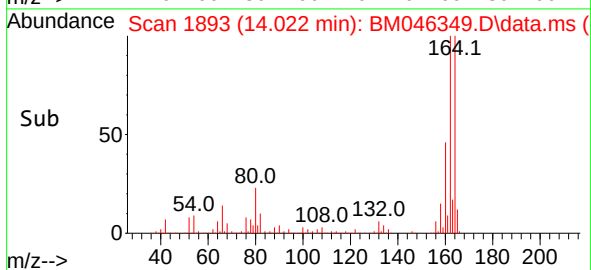
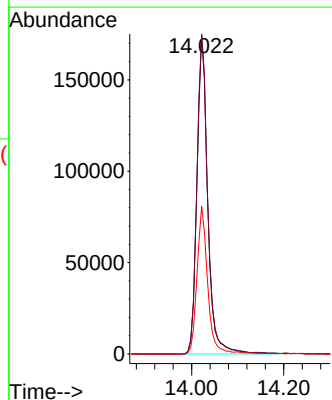
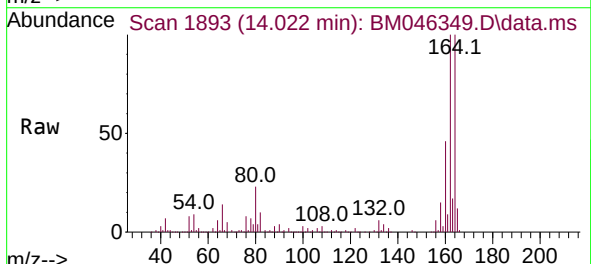
Instrument :
BNA_M
ClientSampleId :
7-S-1

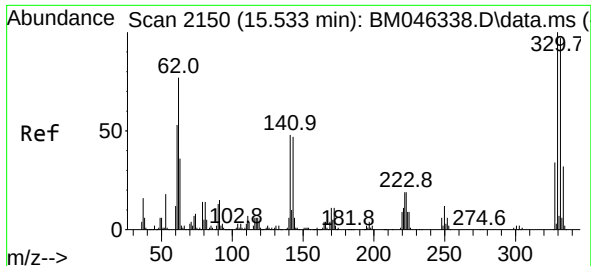
Tgt Ion: 82 Resp: 598120
Ion Ratio Lower Upper
82 100
128 37.4 30.6 46.0
54 62.2 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BM046349.D
Acq: 28 Jun 2024 12:46

Tgt Ion: 164 Resp: 282811
Ion Ratio Lower Upper
164 100
162 100.5 80.5 120.7
160 46.3 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 84.223 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046349.D

Acq: 28 Jun 2024 12:46

Instrument :

BNA_M

ClientSampleId :

7-S-1

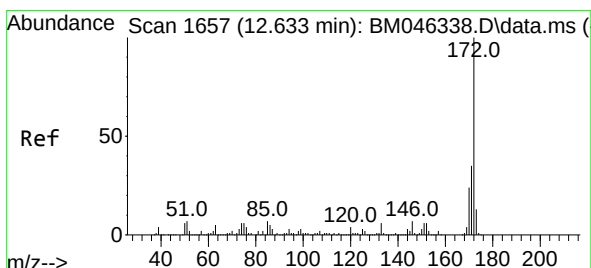
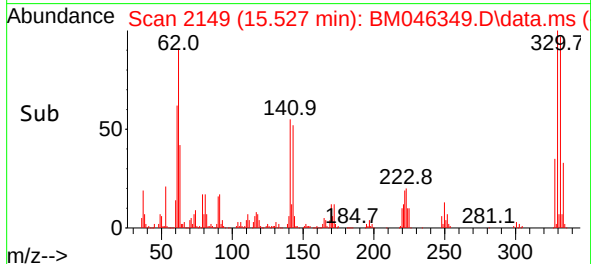
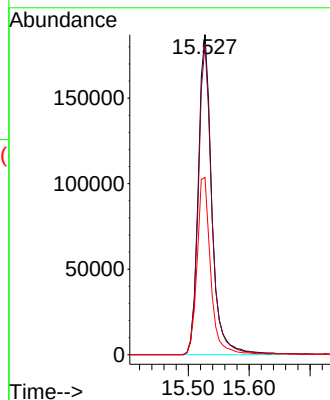
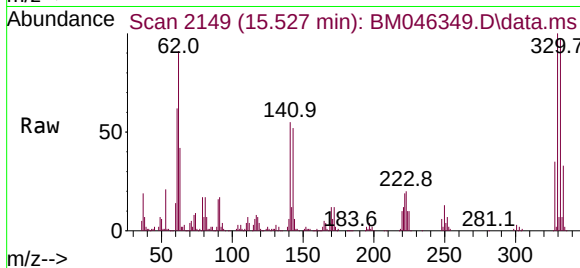
Tgt Ion:330 Resp: 289670

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

141 55.5 43.2 64.8



#45

2-Fluorobiphenyl

Concen: 46.607 ng

RT: 12.639 min Scan# 1658

Delta R.T. 0.006 min

Lab File: BM046349.D

Acq: 28 Jun 2024 12:46

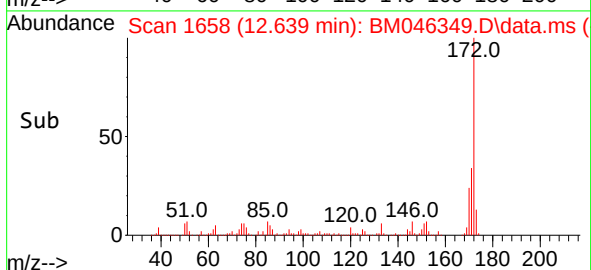
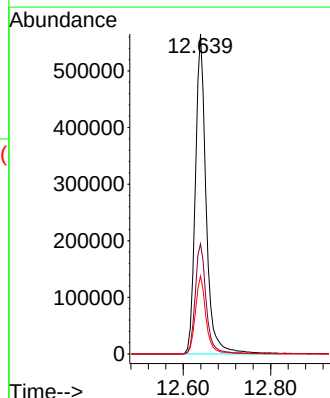
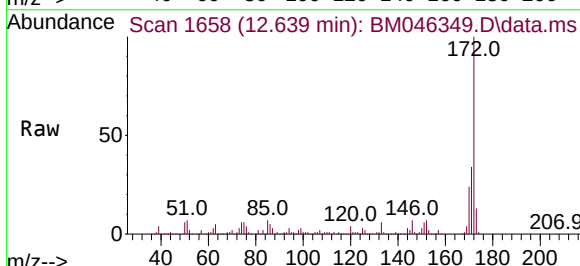
Tgt Ion:172 Resp: 972484

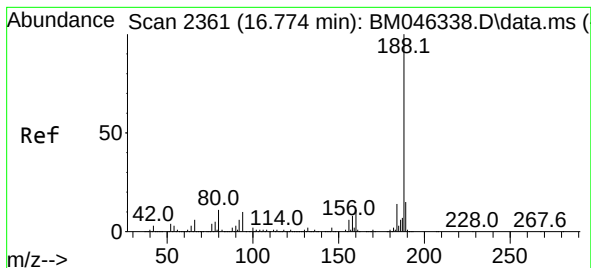
Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 24.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046349.D

Acq: 28 Jun 2024 12:46

Instrument :

BNA_M

ClientSampleId :

7-S-1

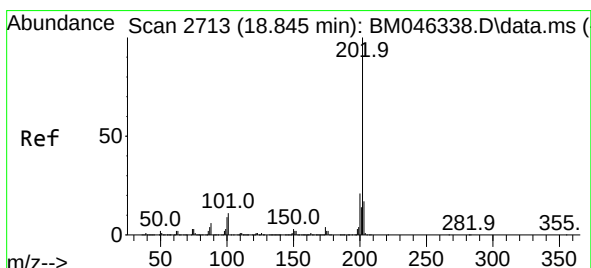
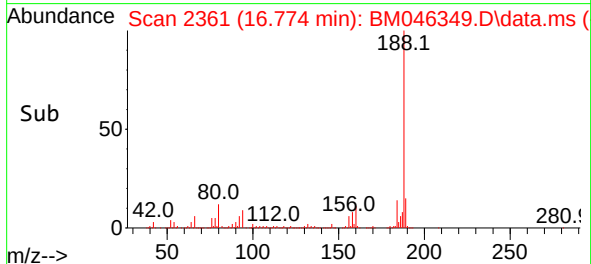
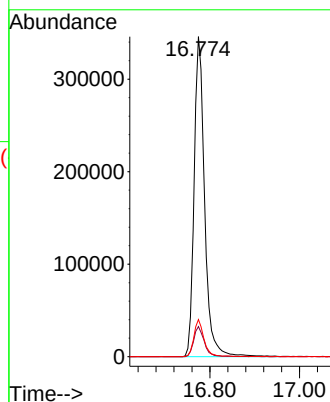
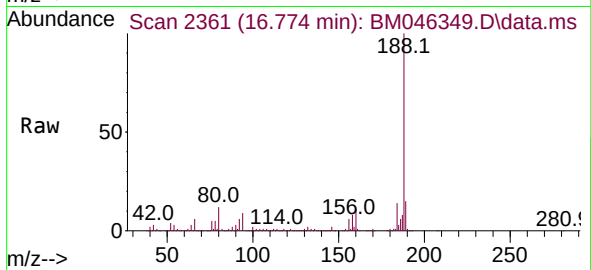
Tgt Ion:188 Resp: 561315

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 11.6 9.0 13.6



#75

Fluoranthene

Concen: 2.575 ng

RT: 18.845 min Scan# 2713

Delta R.T. 0.000 min

Lab File: BM046349.D

Acq: 28 Jun 2024 12:46

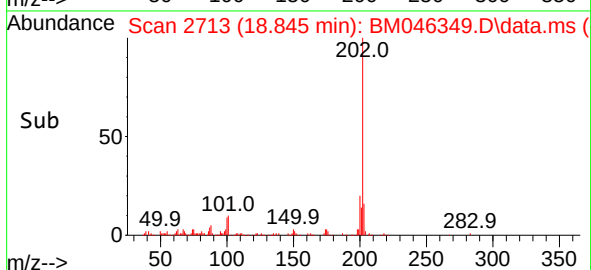
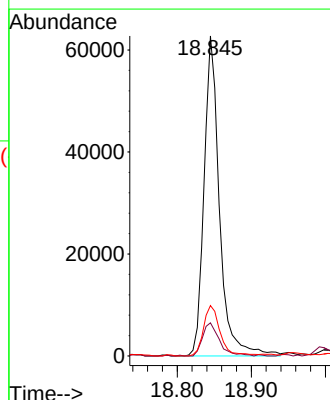
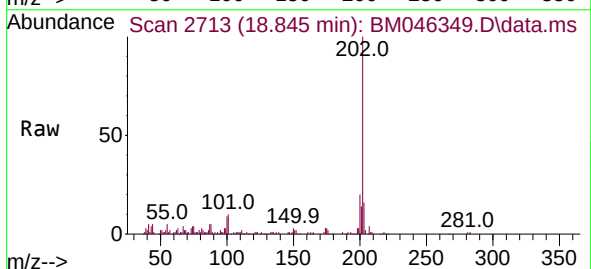
Tgt Ion:202 Resp: 90889

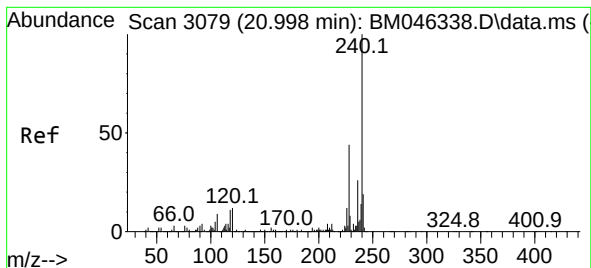
Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

203 15.8 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.992 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM046349.D

Acq: 28 Jun 2024 12:46

Instrument :

BNA_M

ClientSampleId :

7-S-1

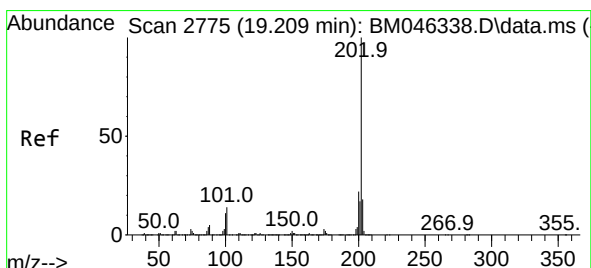
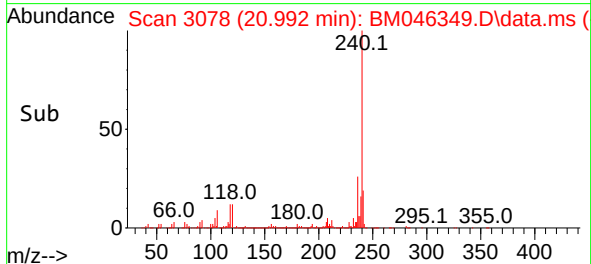
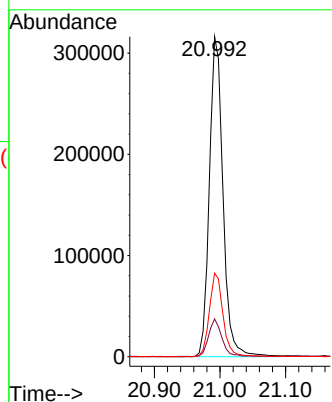
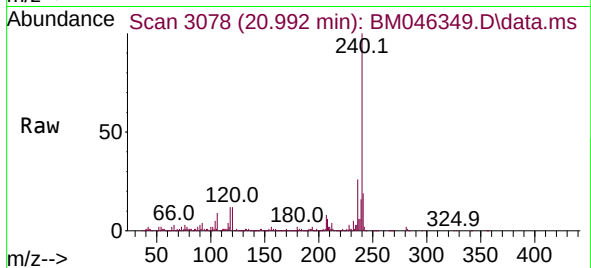
Tgt Ion:240 Resp: 457522

Ion Ratio Lower Upper

240 100

120 11.8 9.3 13.9

236 26.1 20.5 30.7



#78

Pyrene

Concen: 2.746 ng

RT: 19.209 min Scan# 2775

Delta R.T. 0.000 min

Lab File: BM046349.D

Acq: 28 Jun 2024 12:46

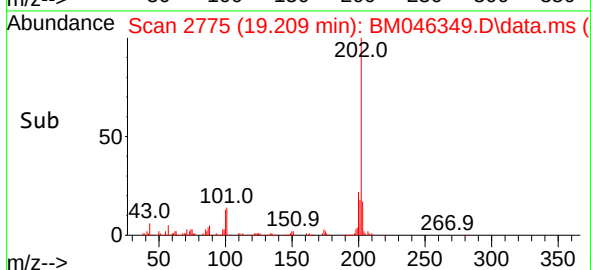
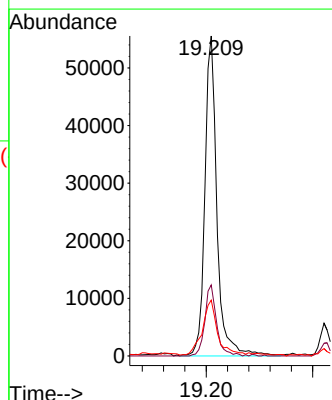
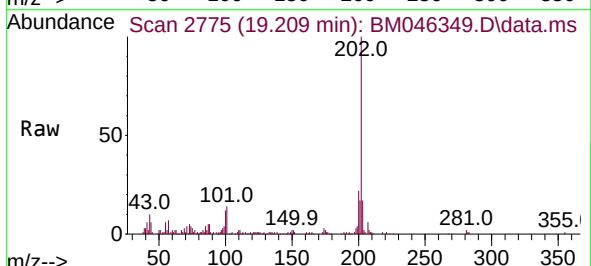
Tgt Ion:202 Resp: 87255

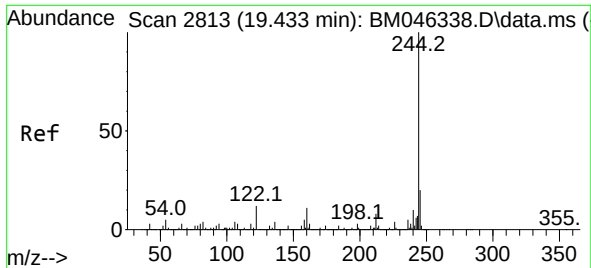
Ion Ratio Lower Upper

202 100

200 22.2 17.3 25.9

203 17.4 14.3 21.5

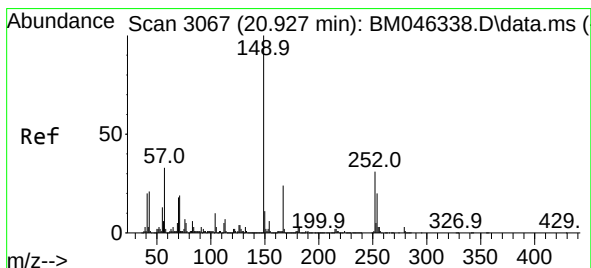
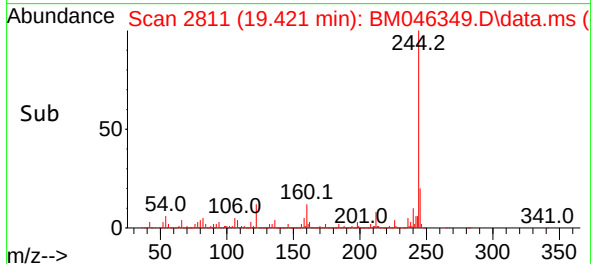
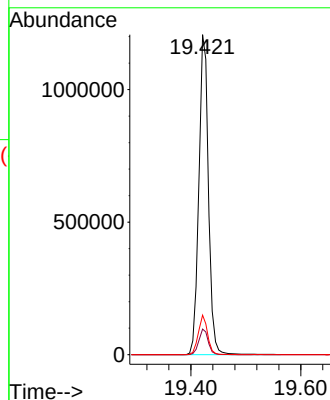
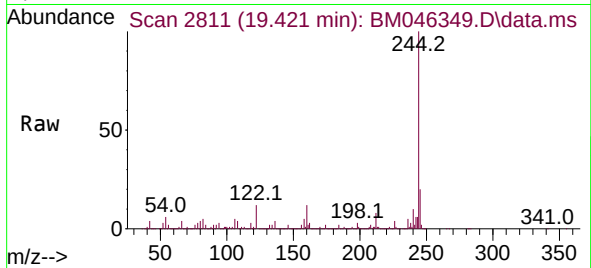




#79
 Terphenyl-d14
 Concen: 53.089 ng
 RT: 19.421 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM046349.D
 Acq: 28 Jun 2024 12:46

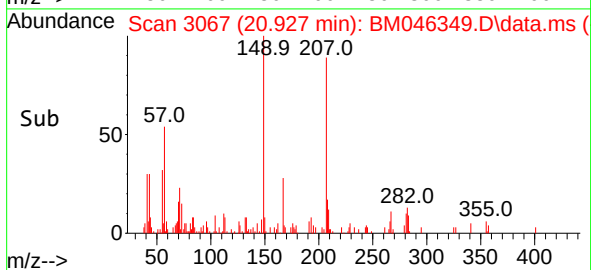
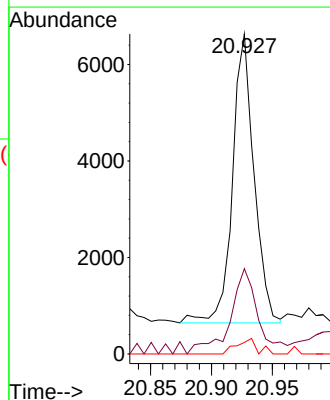
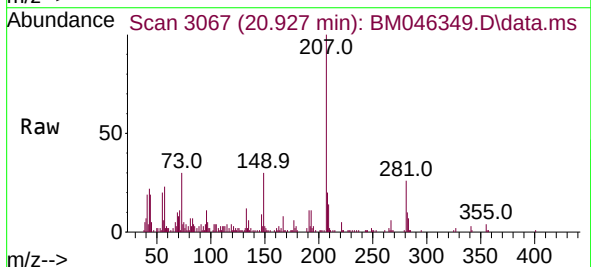
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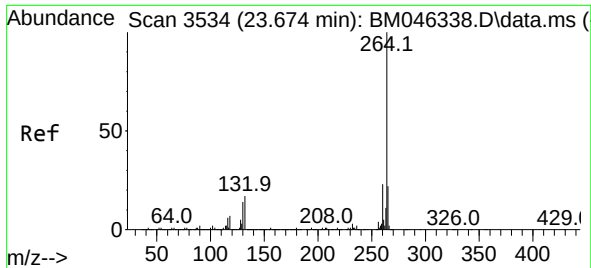
Tgt Ion:244 Resp: 1468078
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 12.3 9.4 14.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.712 ng
 RT: 20.927 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BM046349.D
 Acq: 28 Jun 2024 12:46

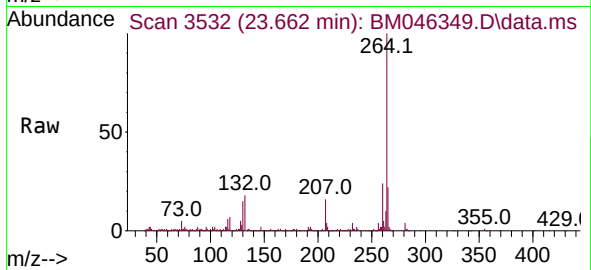
Tgt Ion:149 Resp: 7381
 Ion Ratio Lower Upper
 149 100
 167 26.6 19.6 29.4
 279 3.6 2.6 4.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.662 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM046349.D
Acq: 28 Jun 2024 12:46

Instrument :
BNA_M
ClientSampleId :
7-S-1



Tgt Ion:264 Resp: 470744

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.8	17.7	26.5

