

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
 Data File : BM047429.D
 Acq On : 03 Sep 2024 17:23
 Operator : RC/JU
 Sample : P3813-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 04 00:27:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

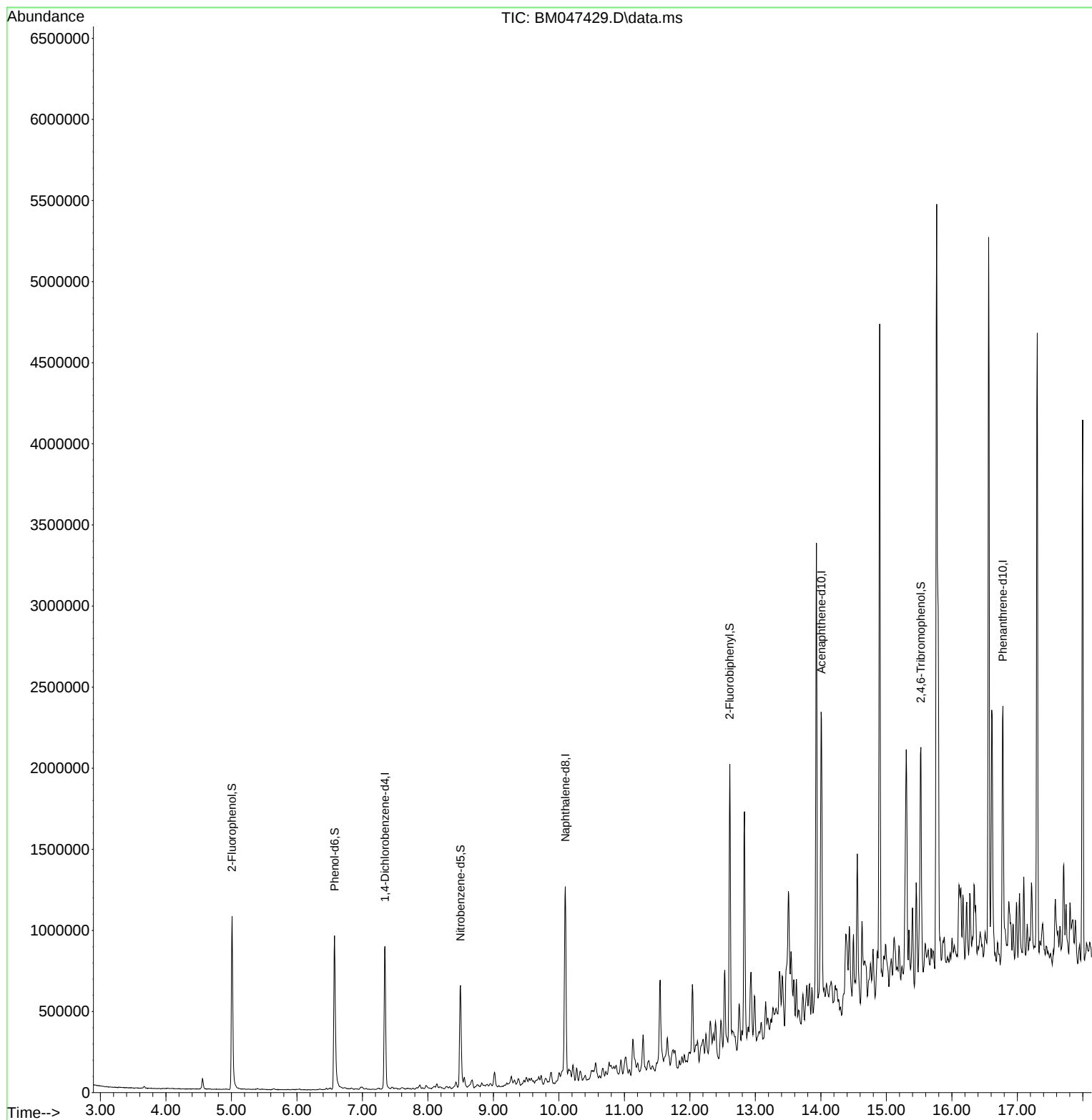
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	264616	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	955832	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	596850	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1039118	20.000	ng	0.00
76) Chrysene-d12	21.021	240	925763	20.000	ng	0.00
86) Perylene-d12	23.733	264	1142779	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	522034	37.849	ng	0.00
7) Phenol-d6	6.575	99	659523	35.102	ng	0.00
23) Nitrobenzene-d5	8.498	82	424417	24.637	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	232200	32.246	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	994944	25.613	ng	0.00
79) Terphenyl-d14	19.445	244	1101709	21.182	ng	0.00
Target Compounds						
9) Benzaldehyde	6.516	77	372	Below Cal	Qvalue #	19

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

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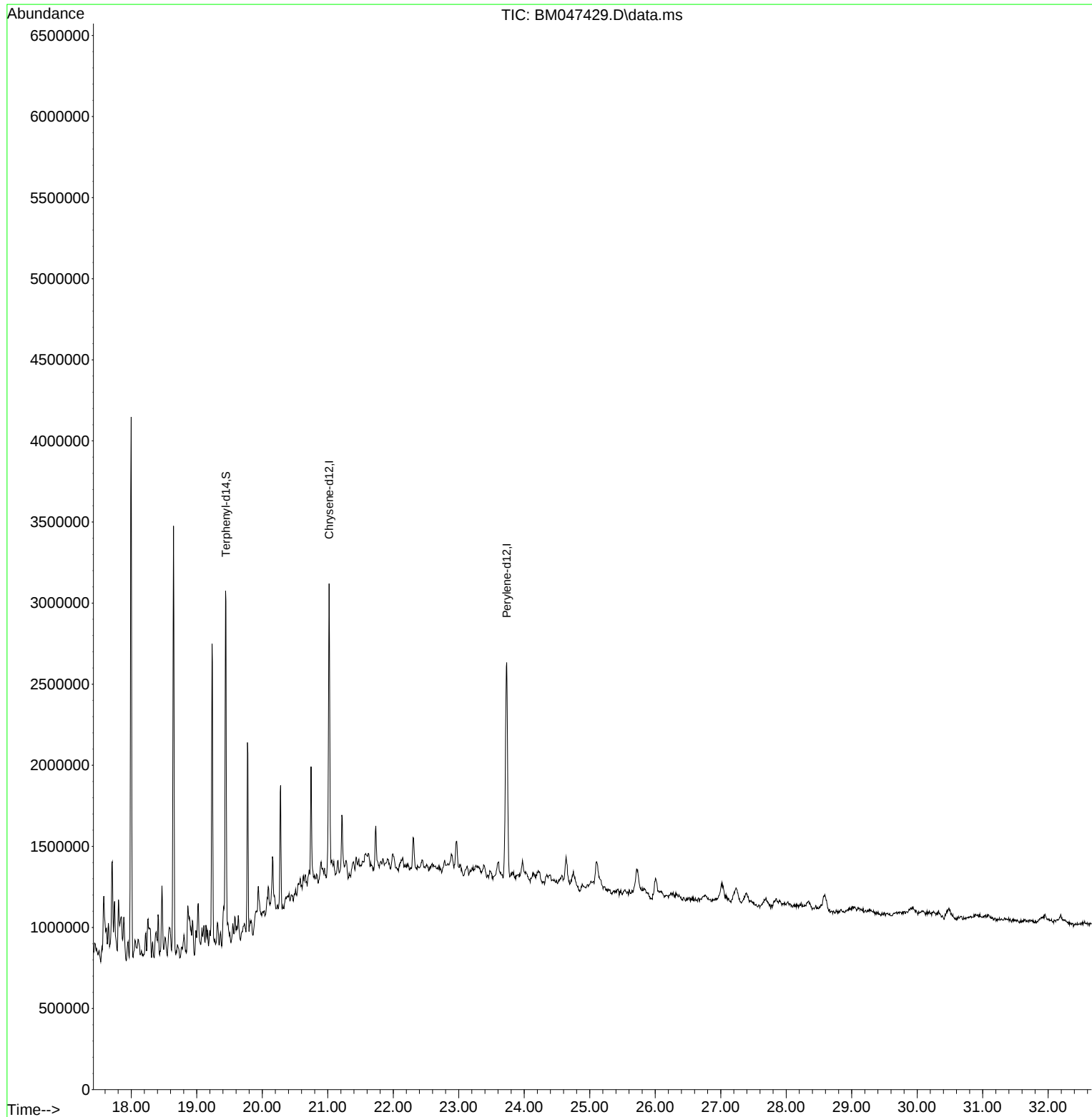
Quant Time: Sep 04 00:27:00 2024
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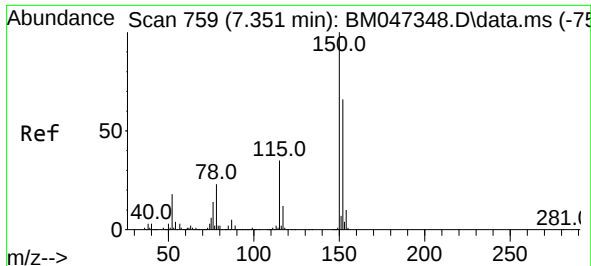


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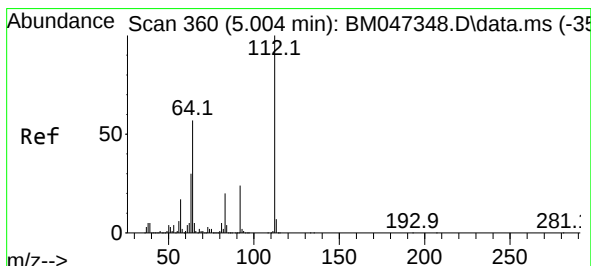
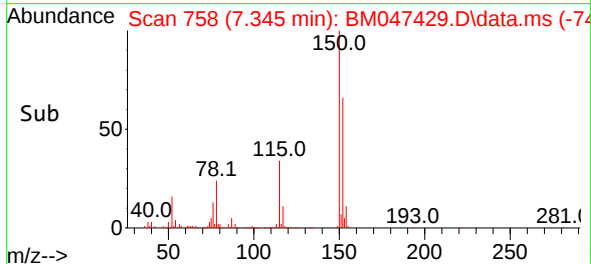
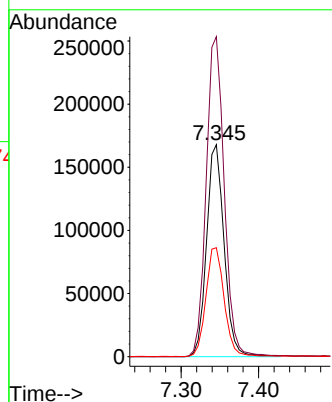
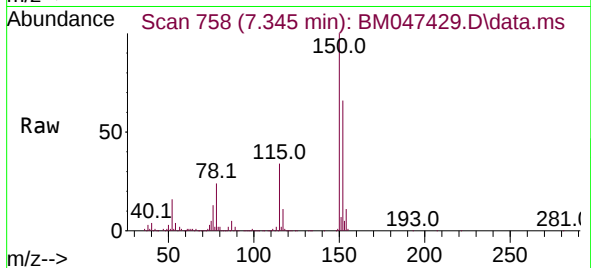




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 758
Delta R.T. -0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

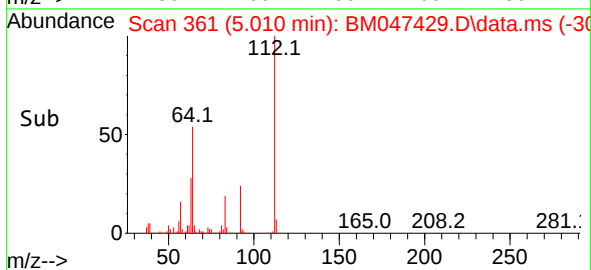
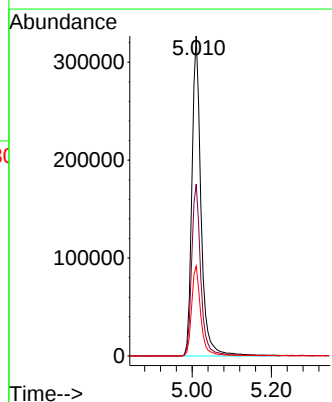
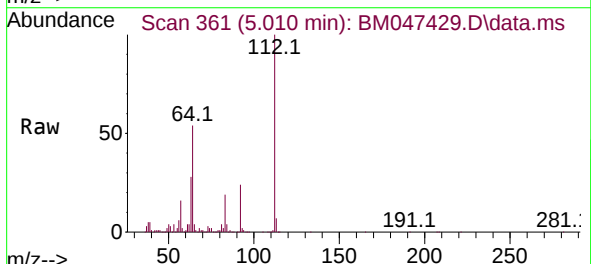
Instrument :
BNA_M
ClientSampleId :

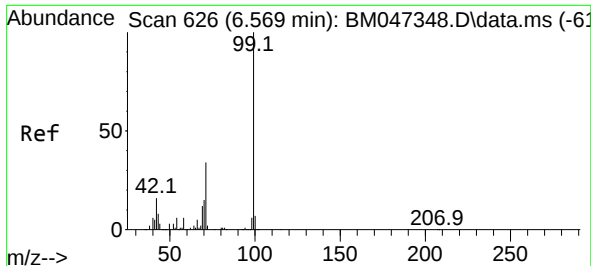
Tgt Ion:152 Resp: 264616
Ion Ratio Lower Upper
152 100
150 150.9 121.3 181.9
115 51.4 42.6 64.0



#5
2-Fluorophenol
Concen: 37.849 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Tgt Ion:112 Resp: 522034
Ion Ratio Lower Upper
112 100
64 53.7 45.7 68.5
63 28.1 23.8 35.8

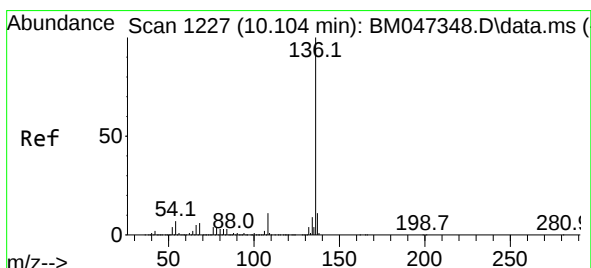
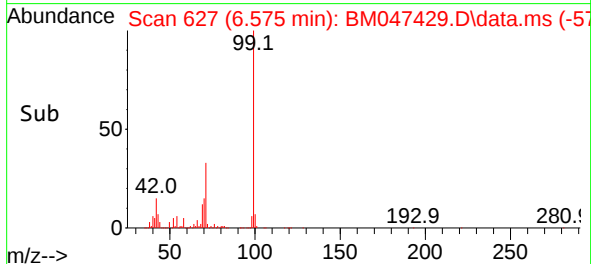
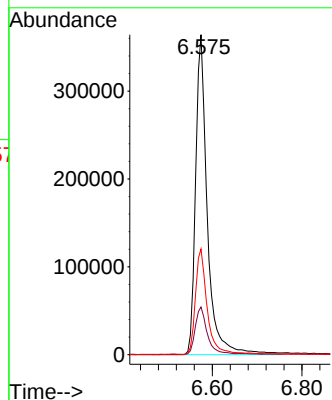
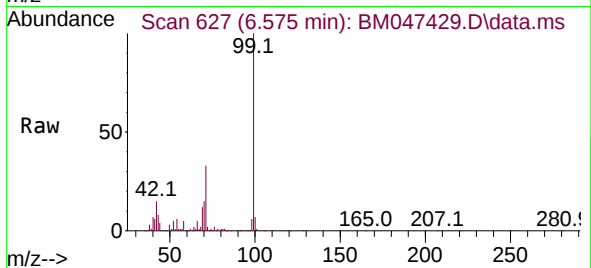




#7
Phenol-d6
Concen: 35.102 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

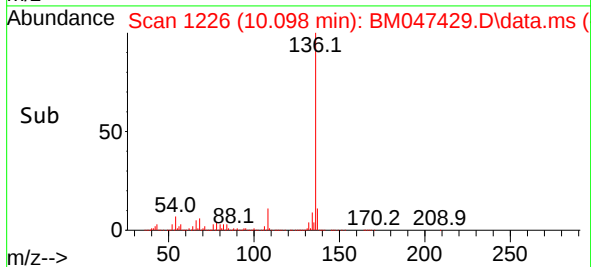
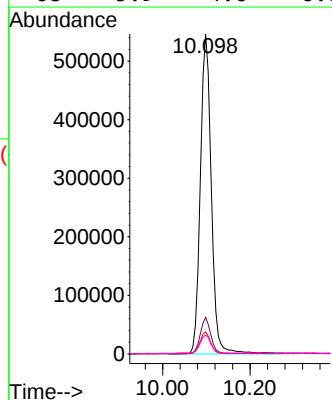
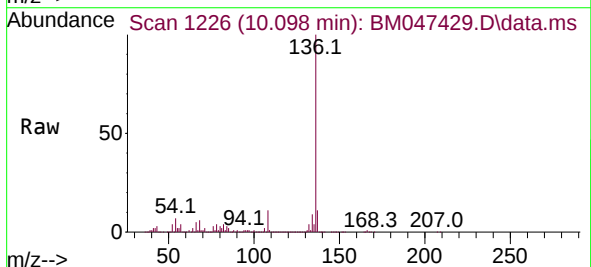
Instrument :
BNA_M
ClientSampleId :

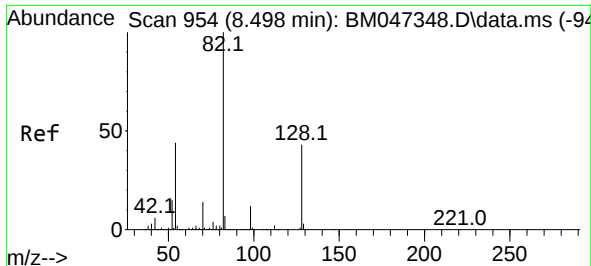
Tgt Ion: 99 Resp: 659523
Ion Ratio Lower Upper
99 100
42 14.9 13.0 19.4
71 33.1 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Tgt Ion: 136 Resp: 955832
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.9 5.2 7.8
68 5.9 4.6 6.8

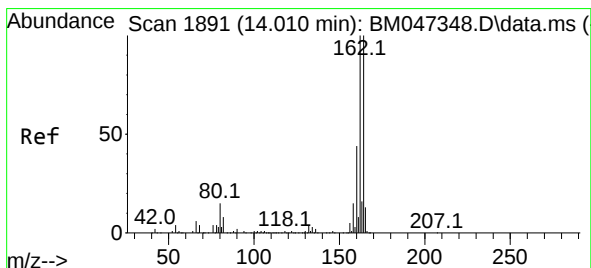
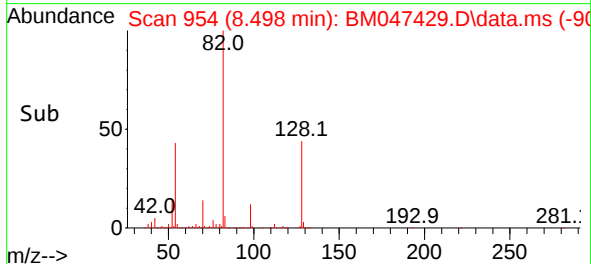
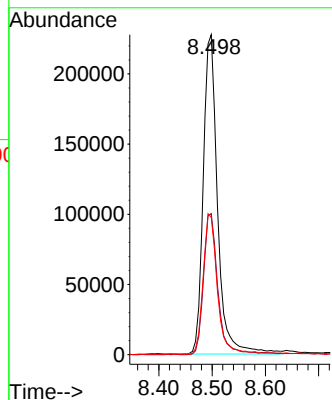
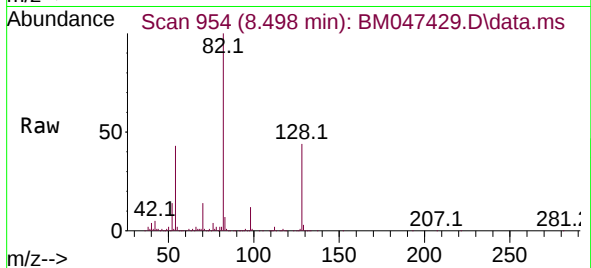




#23
Nitrobenzene-d5
Concen: 24.637 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

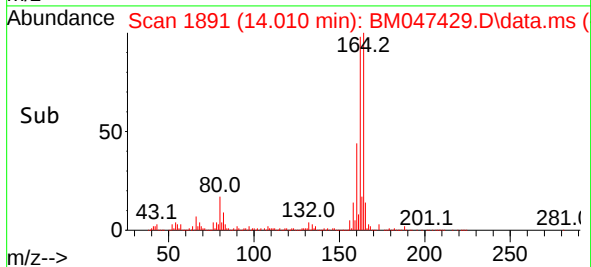
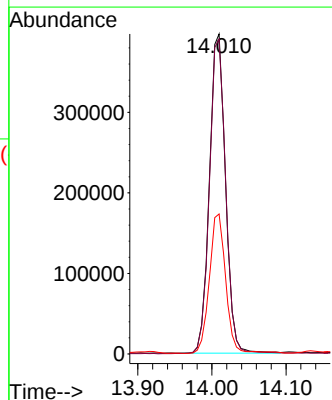
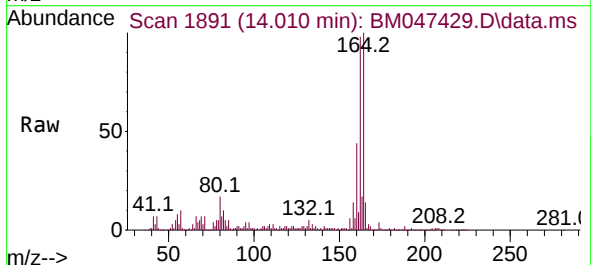
Instrument :
BNA_M
ClientSampleId :

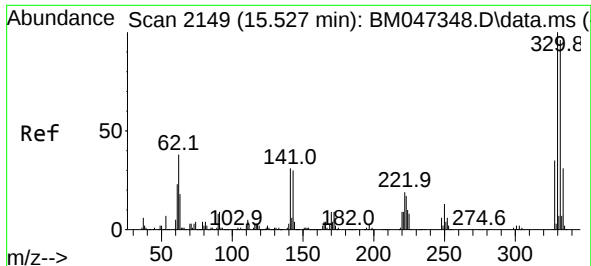
Tgt Ion: 82 Resp: 424417
Ion Ratio Lower Upper
82 100
128 44.1 34.6 51.8
54 42.9 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

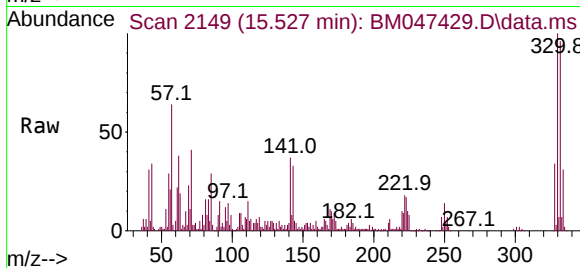
Tgt Ion: 164 Resp: 596850
Ion Ratio Lower Upper
164 100
162 98.4 79.7 119.5
160 43.8 34.9 52.3



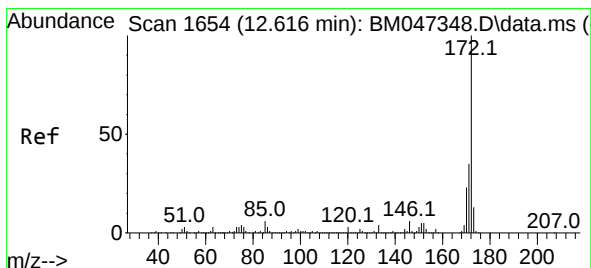
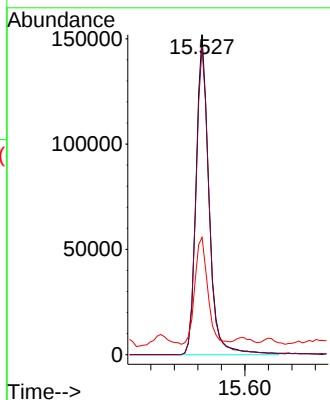
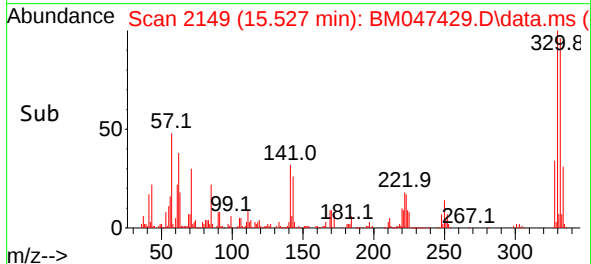


#42
2,4,6-Tribromophenol
Concen: 32.246 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

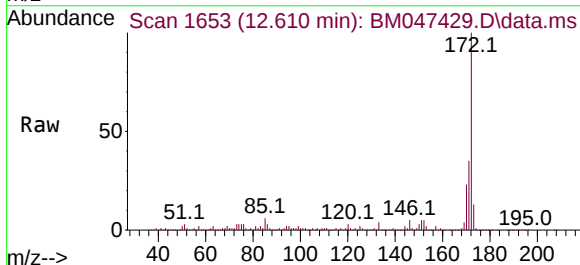
Instrument :
BNA_M
ClientSampleId :



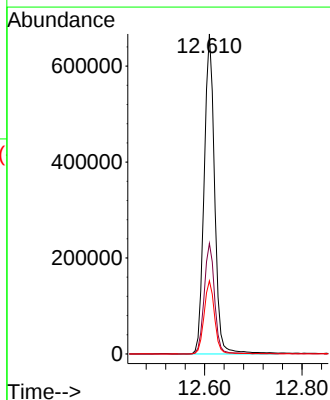
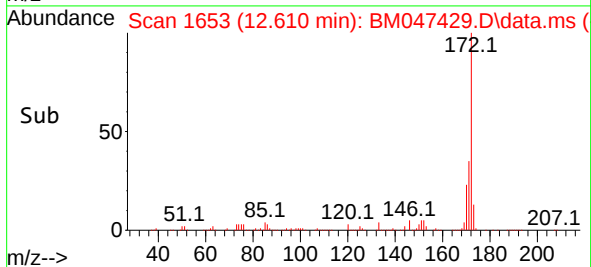
Tgt Ion:330 Resp: 232200
Ion Ratio Lower Upper
330 100
332 98.1 77.2 115.8
141 33.5 27.6 41.4

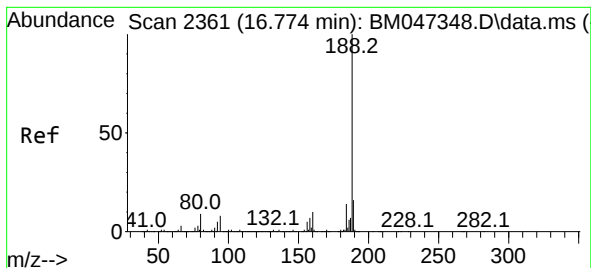


#45
2-Fluorobiphenyl
Concen: 25.613 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23



Tgt Ion:172 Resp: 994944
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.8 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047429.D

Acq: 03 Sep 2024 17:23

Instrument :

BNA_M

ClientSampleId :

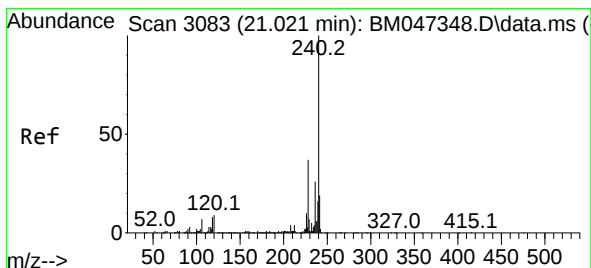
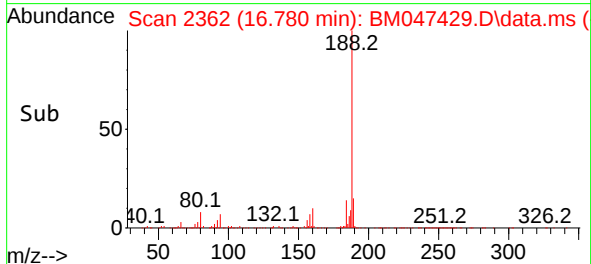
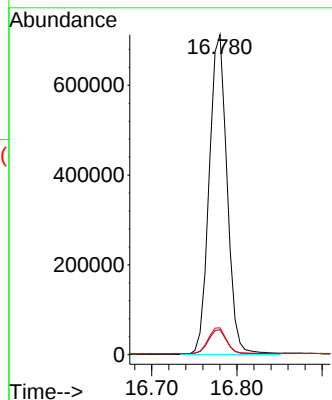
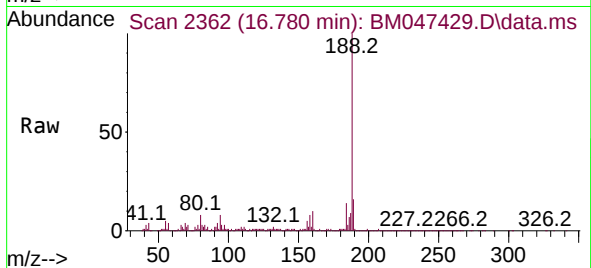
Tgt Ion:188 Resp: 1039118

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.4 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047429.D

Acq: 03 Sep 2024 17:23

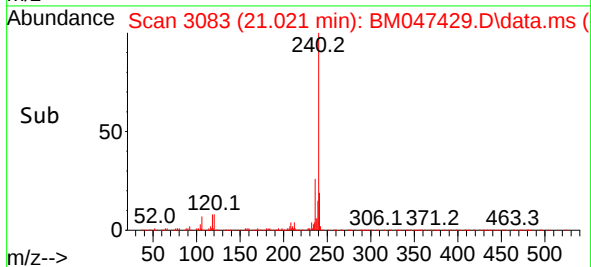
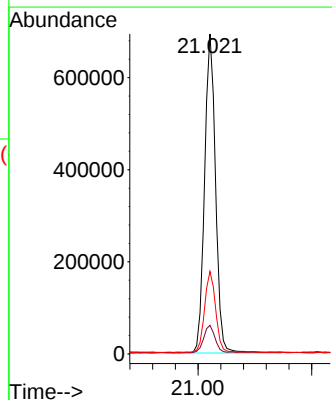
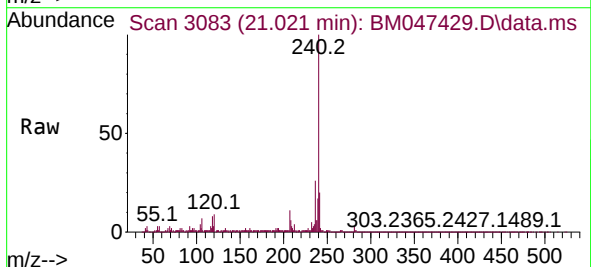
Tgt Ion:240 Resp: 925763

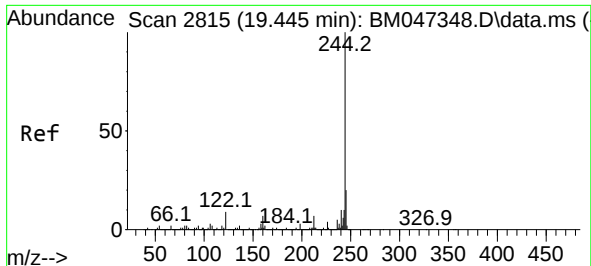
Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.0

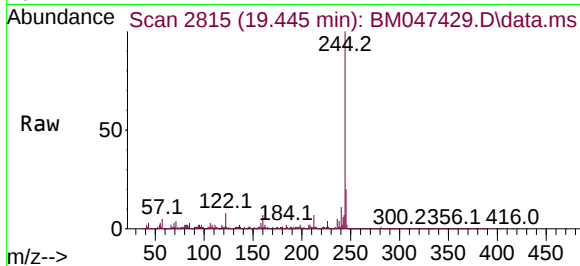
236 25.8 20.8 31.2



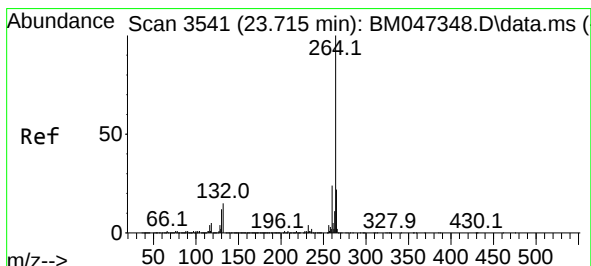
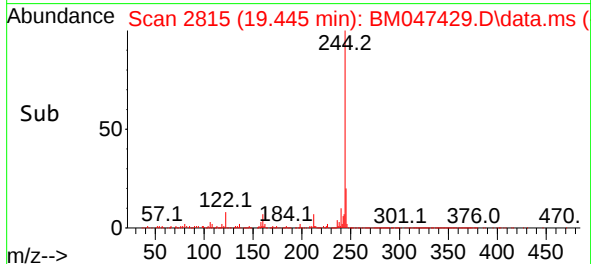
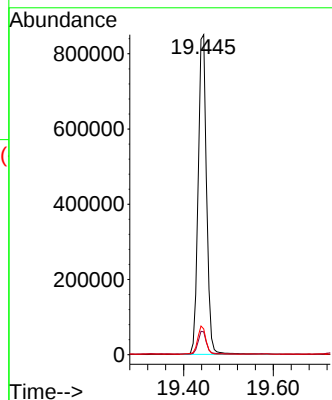


#79
 Terphenyl-d14
 Concen: 21.182 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047429.D
 Acq: 03 Sep 2024 17:23

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 1101709
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.733 min Scan# 3544
 Delta R.T. 0.018 min
 Lab File: BM047429.D
 Acq: 03 Sep 2024 17:23

Tgt Ion:264 Resp: 1142779
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 22.5 17.8 26.6

