

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047605.D
 Acq On : 23 Sep 2024 15:44
 Operator : RC/JU
 Sample : P4139-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 350

Quant Time: Sep 23 19:32:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	298472	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	1177824	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	659267	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1442326	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1233781	20.000	ng	-0.01
86) Perylene-d12	24.450	264	1274216	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1547509	79.454	ng	-0.01
7) Phenol-d6	6.999	99	2111688	82.284	ng	0.00
23) Nitrobenzene-d5	8.987	82	1312741	55.483	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	470839	77.128	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2601154	55.828	ng	-0.01
79) Terphenyl-d14	19.821	244	4266602	62.049	ng	0.00

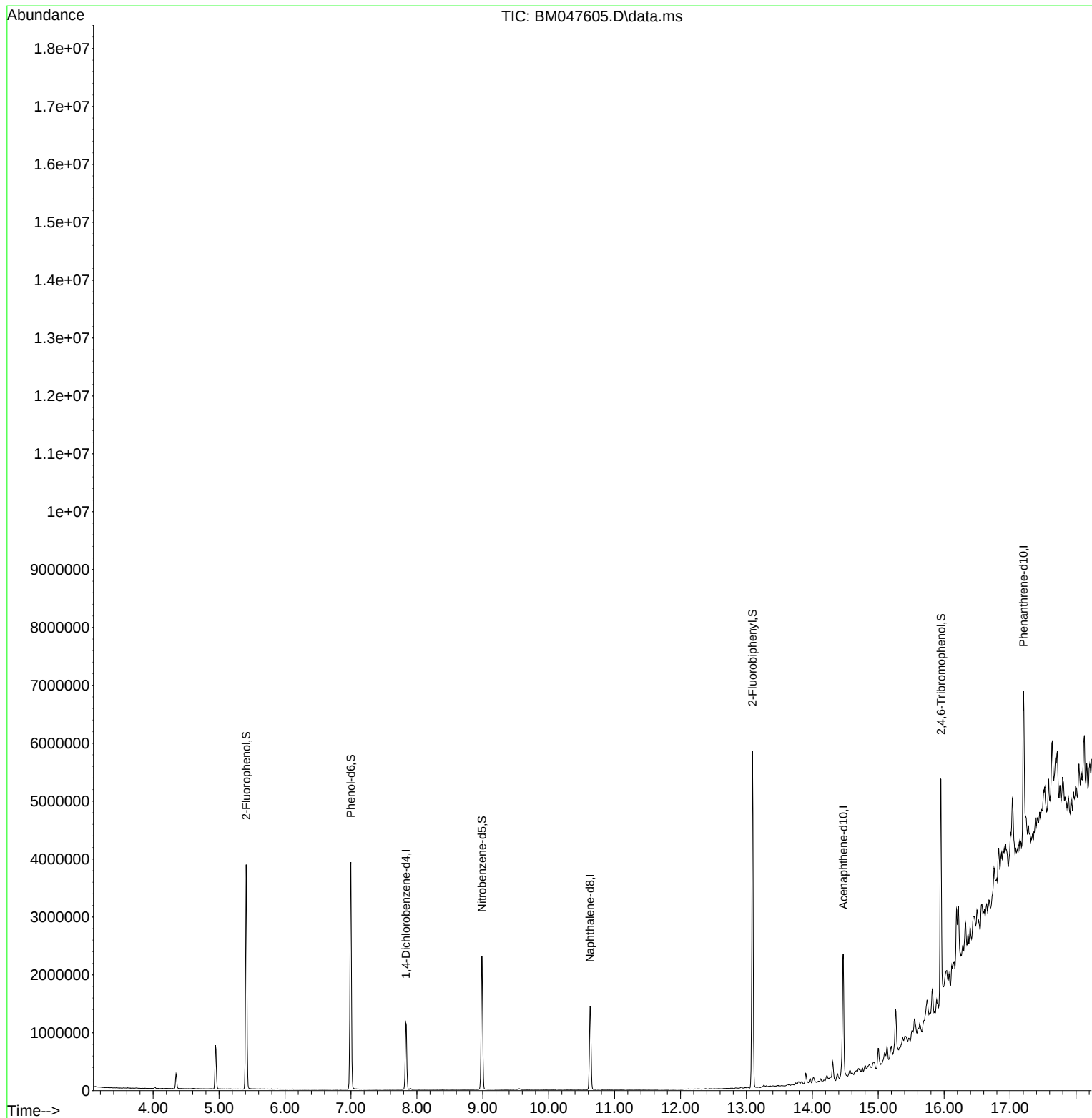
Target Compounds	Qvalue

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

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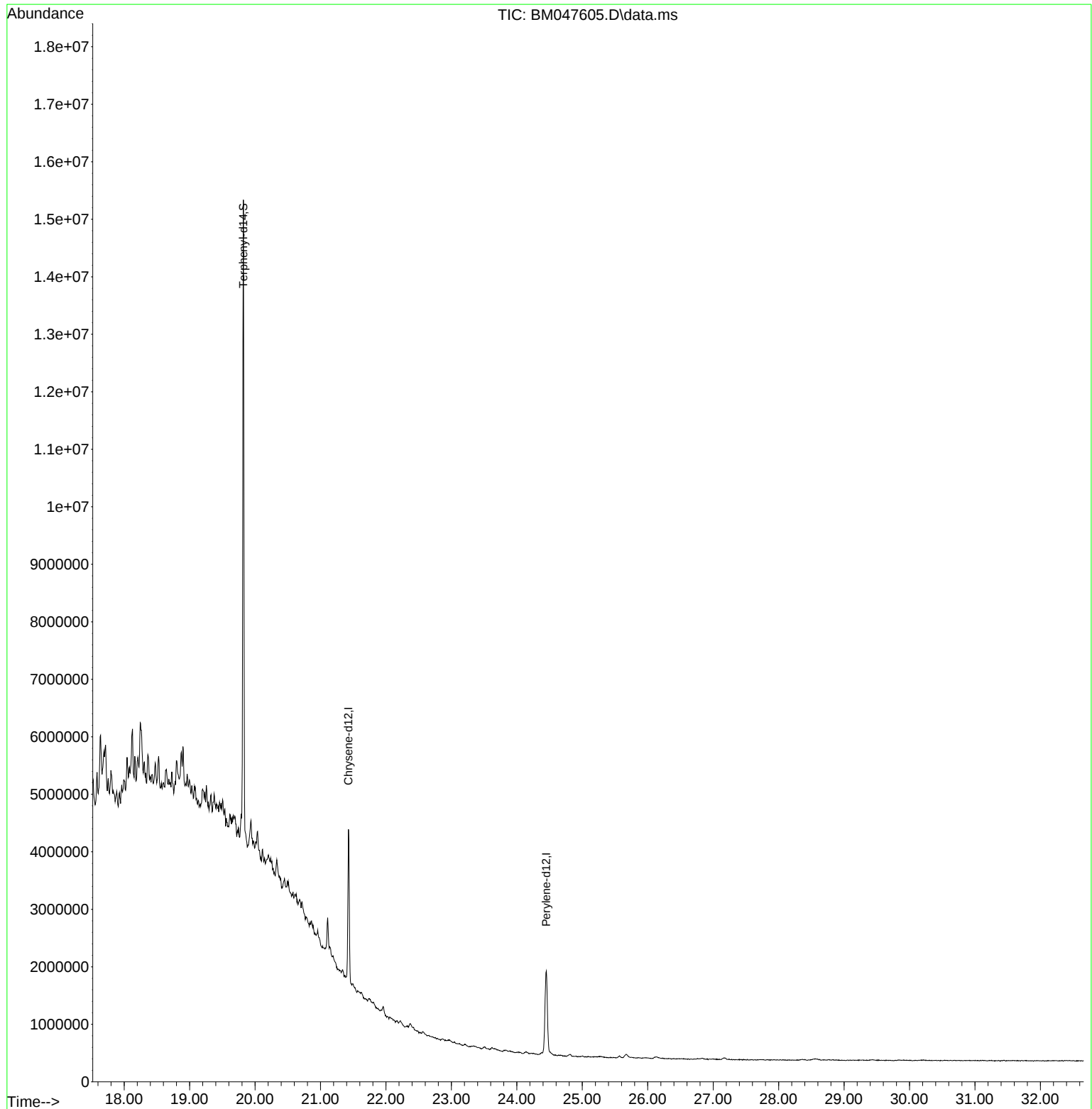
Quant Time: Sep 23 19:32:09 2024
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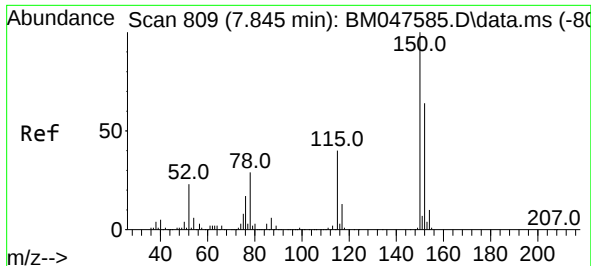


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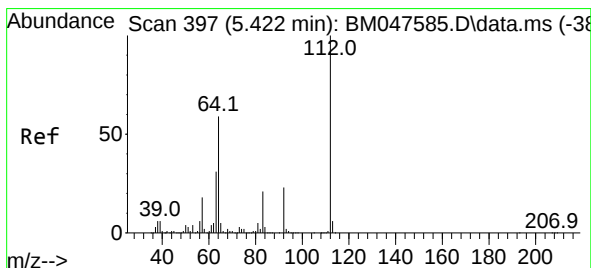
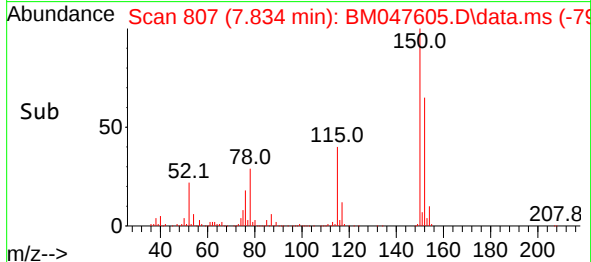
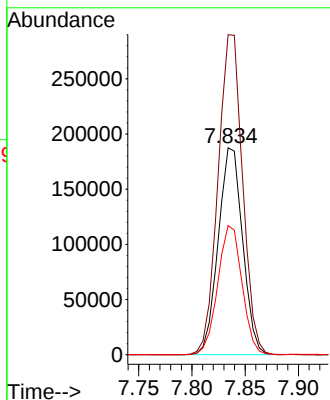
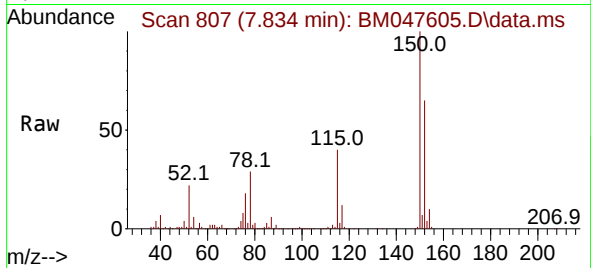




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 809
Delta R.T. -0.011 min
Lab File: BM047605.D
Acq: 23 Sep 2024 15:44

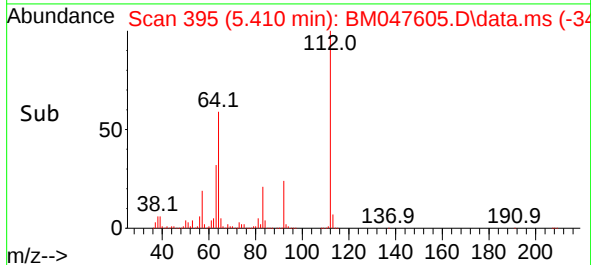
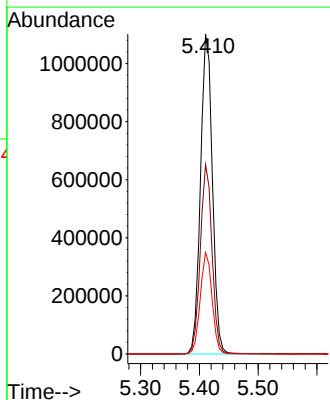
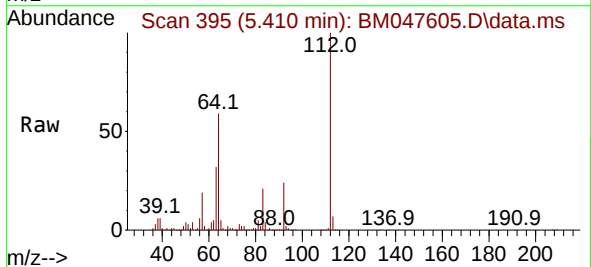
Instrument :
BNA_M
ClientSampleId :
350

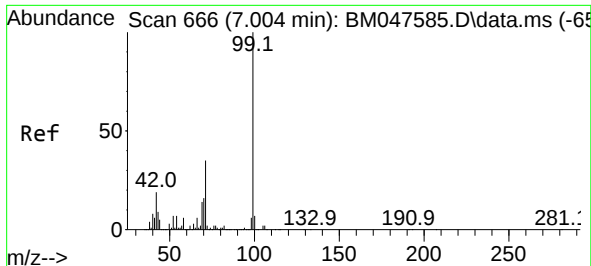
Tgt Ion:152 Resp: 298472
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 62.4 49.9 74.9



#5
2-Fluorophenol
Concen: 79.454 ng
RT: 5.410 min Scan# 395
Delta R.T. -0.011 min
Lab File: BM047605.D
Acq: 23 Sep 2024 15:44

Tgt Ion:112 Resp: 1547509
Ion Ratio Lower Upper
112 100
64 59.2 46.8 70.2
63 31.7 25.2 37.8



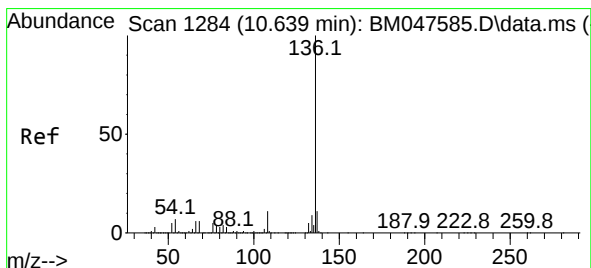
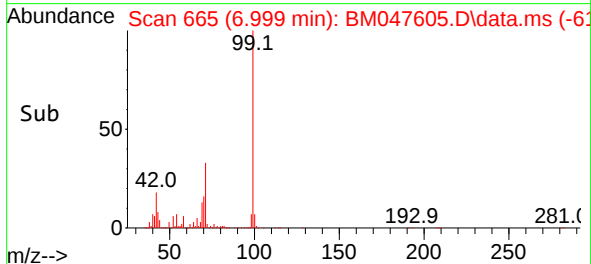
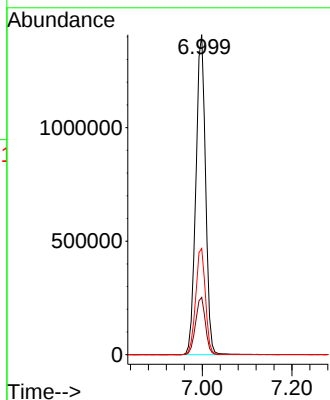
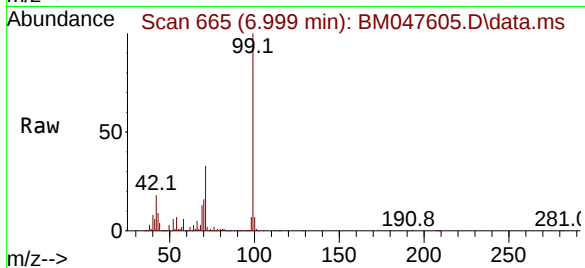


#7
Phenol-d6
Concen: 82.284 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047605.D
Acq: 23 Sep 2024 15:44

Instrument :
BNA_M
ClientSampleId :
350

Tgt Ion: 99 Resp: 2111688

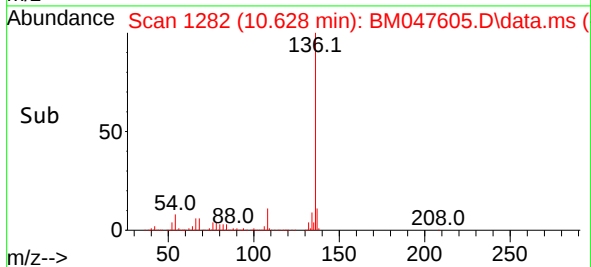
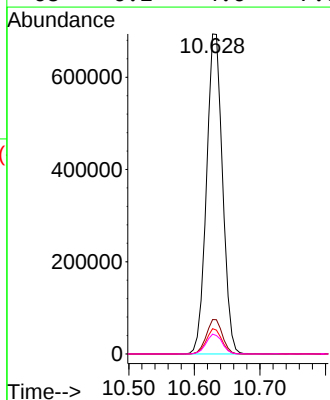
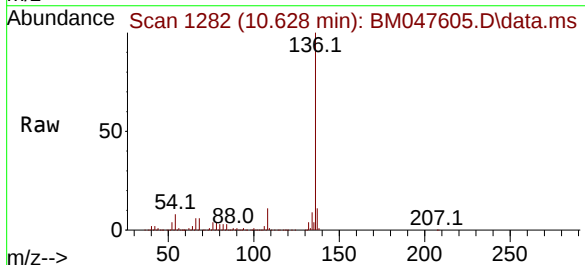
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.3	22.9
71	33.2	27.8	41.6

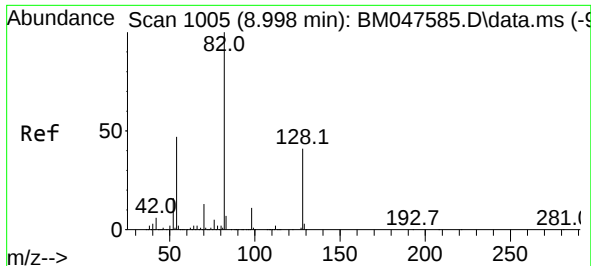


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.011 min
Lab File: BM047605.D
Acq: 23 Sep 2024 15:44

Tgt Ion: 136 Resp: 1177824

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.9	6.0	9.0
68	6.2	4.6	7.0

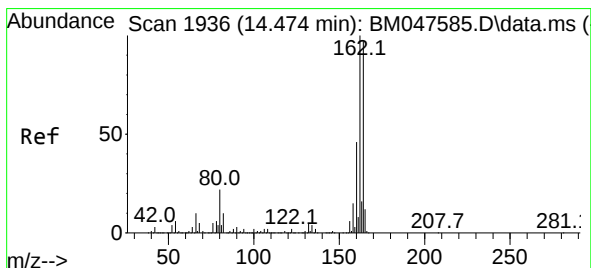
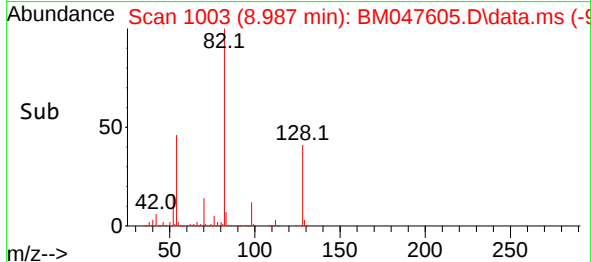
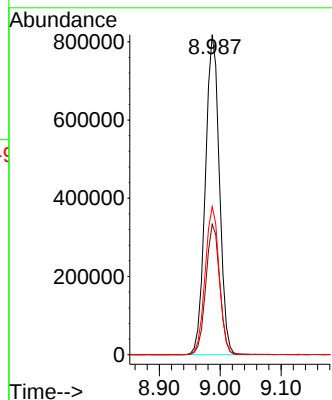
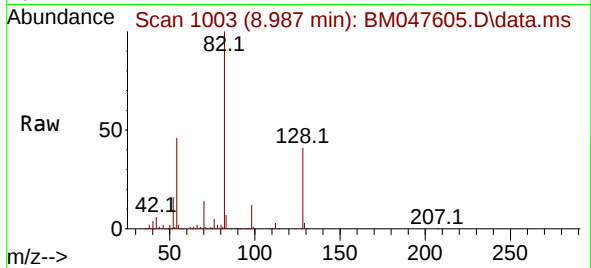




#23
Nitrobenzene-d5
Concen: 55.483 ng
RT: 8.987 min Scan# 1003
Delta R.T. -0.011 min
Lab File: BM047605.D
Acq: 23 Sep 2024 15:44

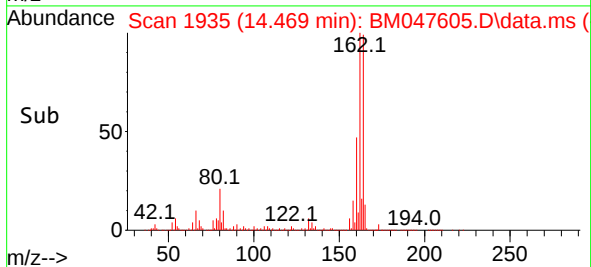
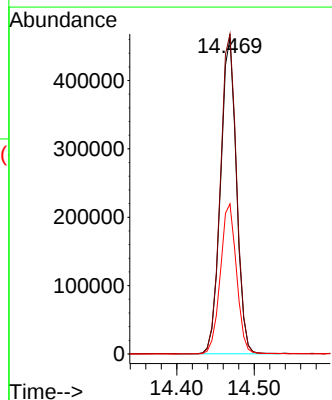
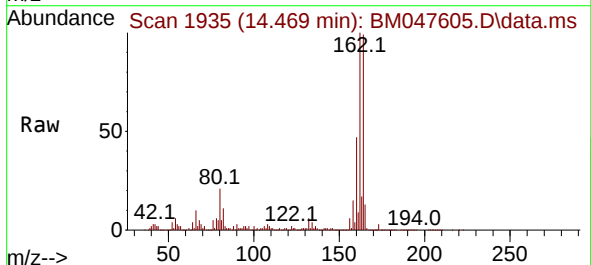
Instrument :
BNA_M
ClientSampleId :
350

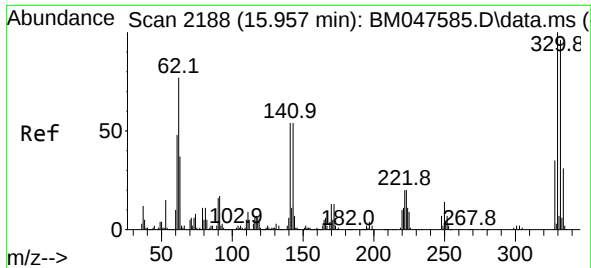
Tgt Ion: 82 Resp: 1312741
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 46.3 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BM047605.D
Acq: 23 Sep 2024 15:44

Tgt Ion:164 Resp: 659267
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 47.4 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 77.128 ng

RT: 15.951 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BM047605.D

Acq: 23 Sep 2024 15:44

Instrument :

BNA_M

ClientSampleId :

350

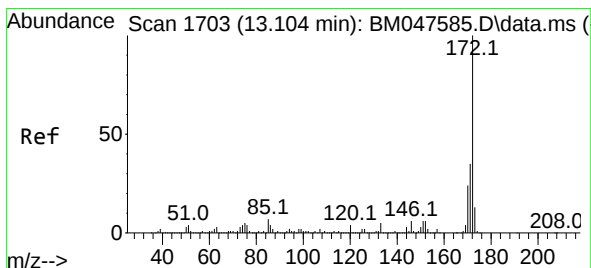
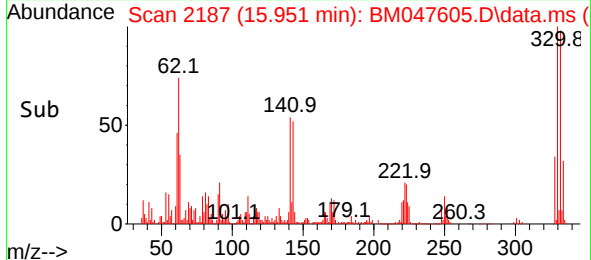
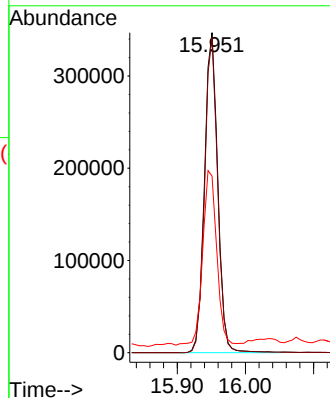
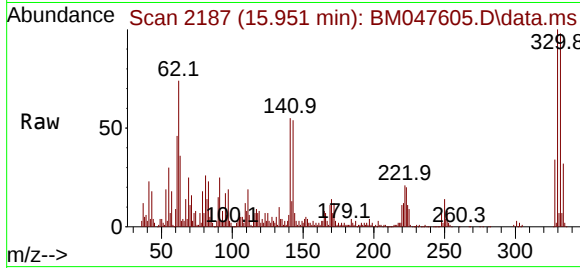
Tgt Ion:330 Resp: 470839

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 57.3 45.9 68.9



#45

2-Fluorobiphenyl

Concen: 55.828 ng

RT: 13.092 min Scan# 1701

Delta R.T. -0.011 min

Lab File: BM047605.D

Acq: 23 Sep 2024 15:44

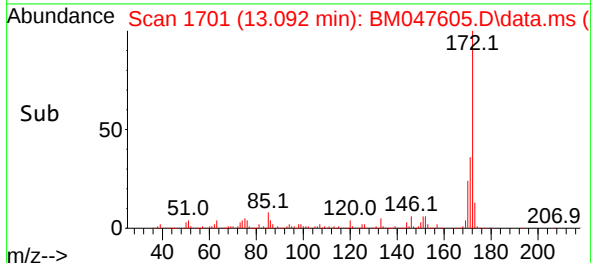
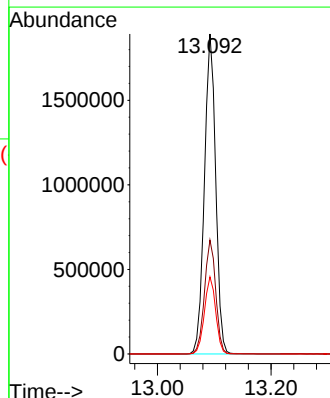
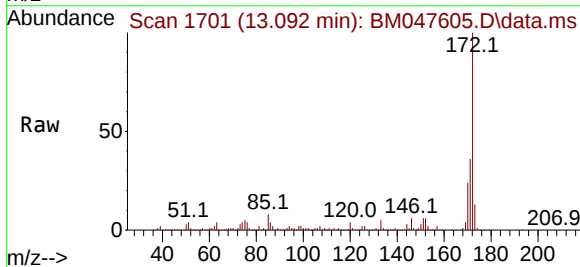
Tgt Ion:172 Resp: 2601154

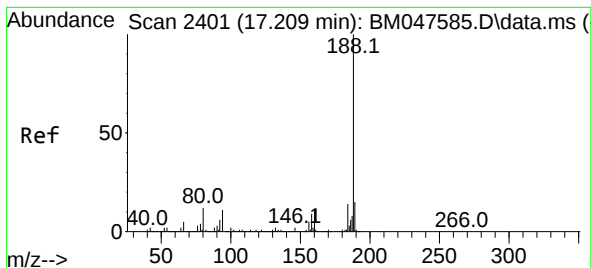
Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 24.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 24

Delta R.T. -0.005 min

Lab File: BM047605.D

Acq: 23 Sep 2024 15:44

Instrument :

BNA_M

ClientSampleId :

350

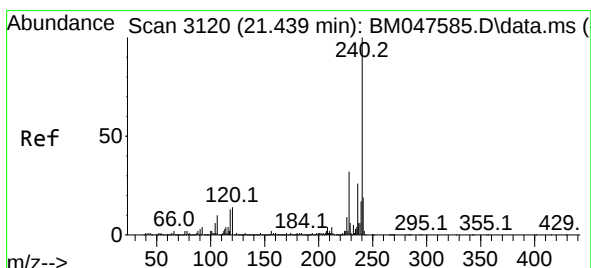
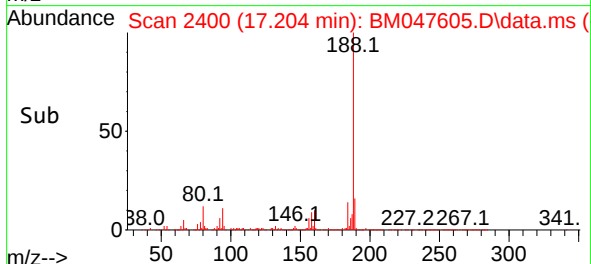
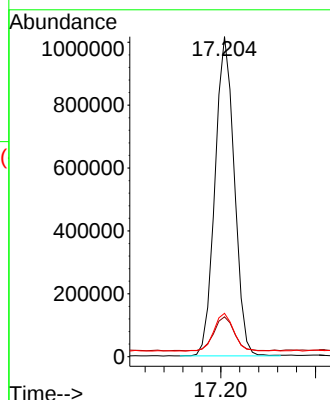
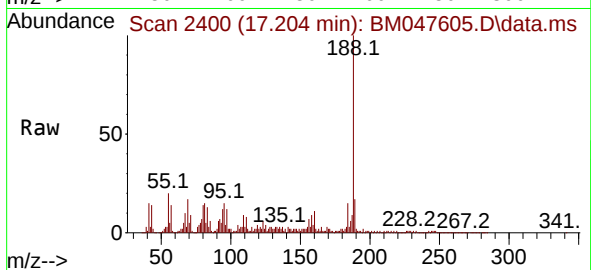
Tgt Ion:188 Resp: 1442326

Ion Ratio Lower Upper

188 100

94 12.4 8.6 13.0

80 13.6 9.9 14.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.011 min

Lab File: BM047605.D

Acq: 23 Sep 2024 15:44

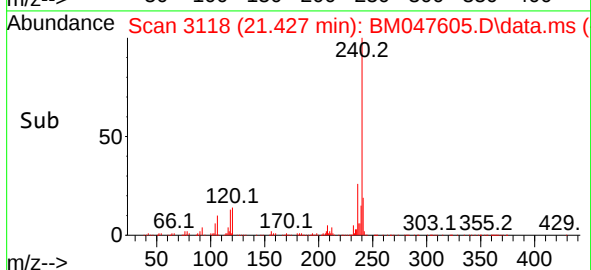
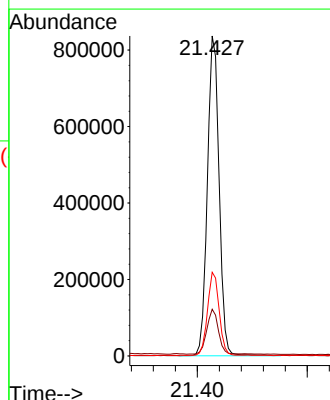
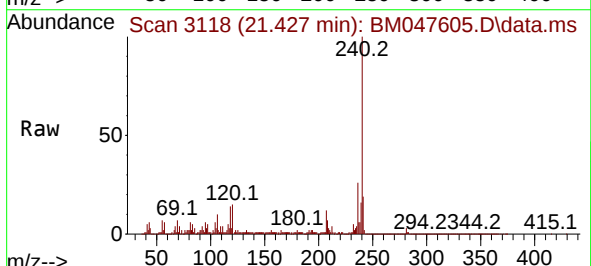
Tgt Ion:240 Resp: 1233781

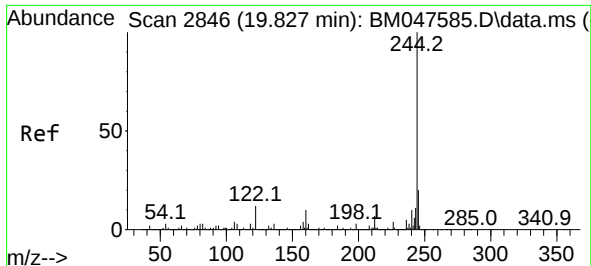
Ion Ratio Lower Upper

240 100

120 14.6 10.8 16.2

236 26.1 20.8 31.2

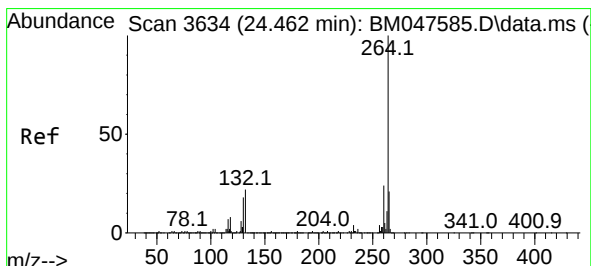
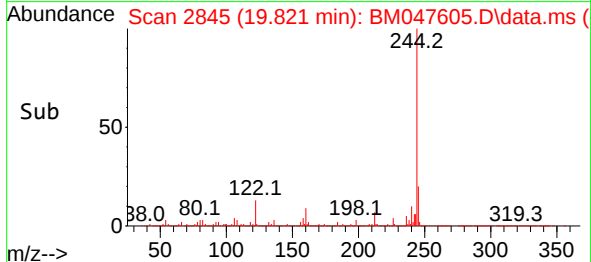
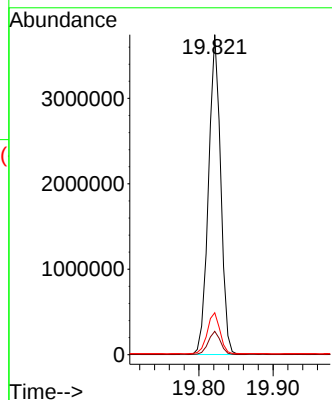
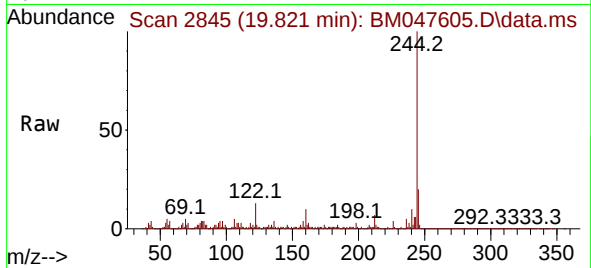




#79
 Terphenyl-d14
 Concen: 62.049 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047605.D
 Acq: 23 Sep 2024 15:44

Instrument :
 BNA_M
 ClientSampleId :
 350

Tgt Ion:244 Resp: 4266602
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.1 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.450 min Scan# 3632
 Delta R.T. -0.011 min
 Lab File: BM047605.D
 Acq: 23 Sep 2024 15:44

Tgt Ion:264 Resp: 1274216
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.9 17.0 25.6

