

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047550.D
 Acq On : 17 Sep 2024 19:06
 Operator : RC/JU
 Sample : PB163110BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163110BL

Quant Time: Sep 18 03:06:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

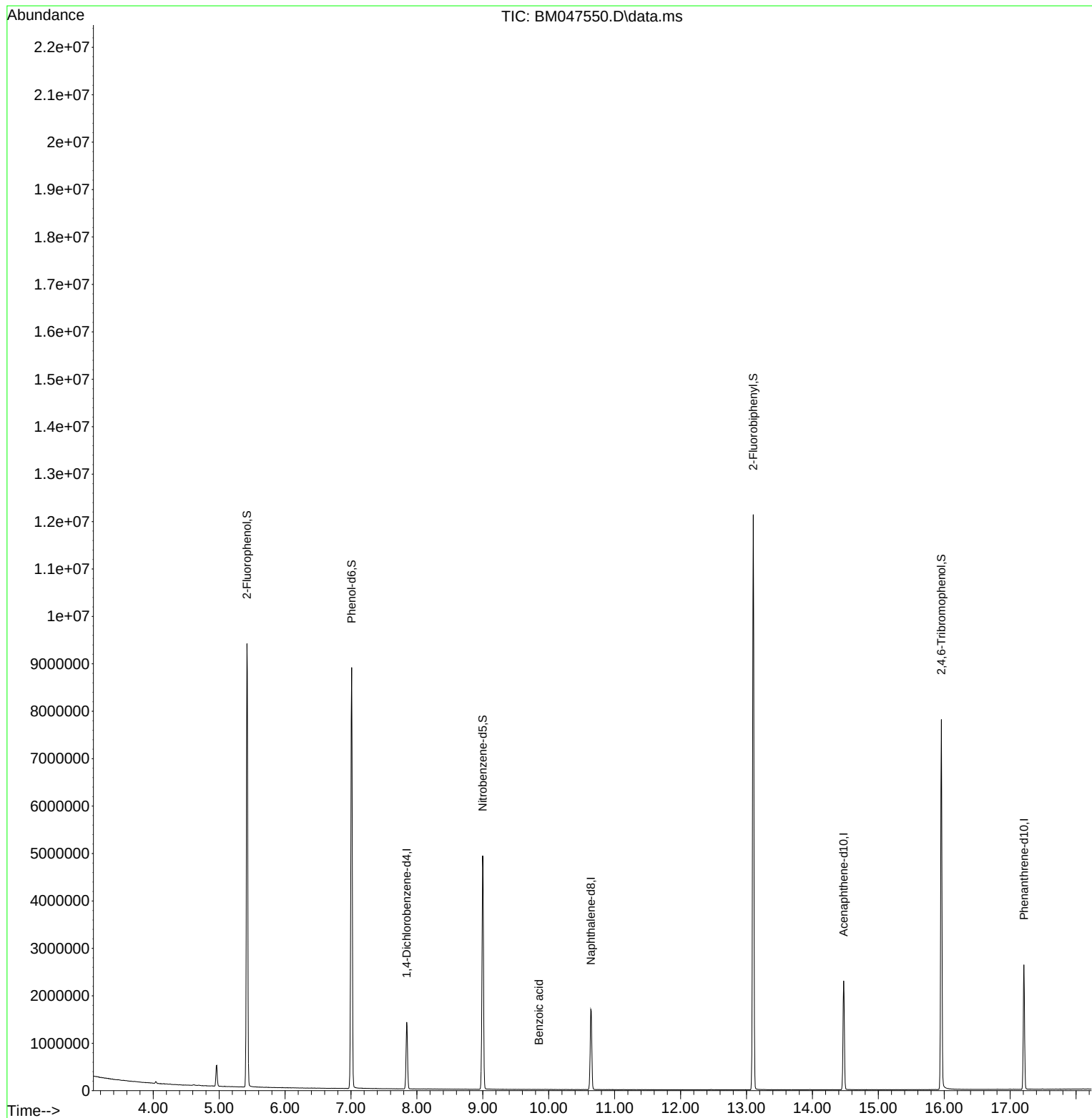
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	345871	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1357777	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	714943	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1341398	20.000	ng	0.00
76) Chrysene-d12	21.433	240	858057	20.000	ng	#-0.01
86) Perylene-d12	24.456	264	742091	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3664235	168.683	ng	0.00
7) Phenol-d6	7.010	99	4597927	150.300	ng	0.00
23) Nitrobenzene-d5	8.998	82	2782791	102.570	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	976661	141.329	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	5418397	104.399	ng	0.00
79) Terphenyl-d14	19.827	244	7143722	149.187	ng	0.00
Target Compounds						
32) Benzoic acid	9.851	122	205	6.712	ng	Qvalue # 59

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

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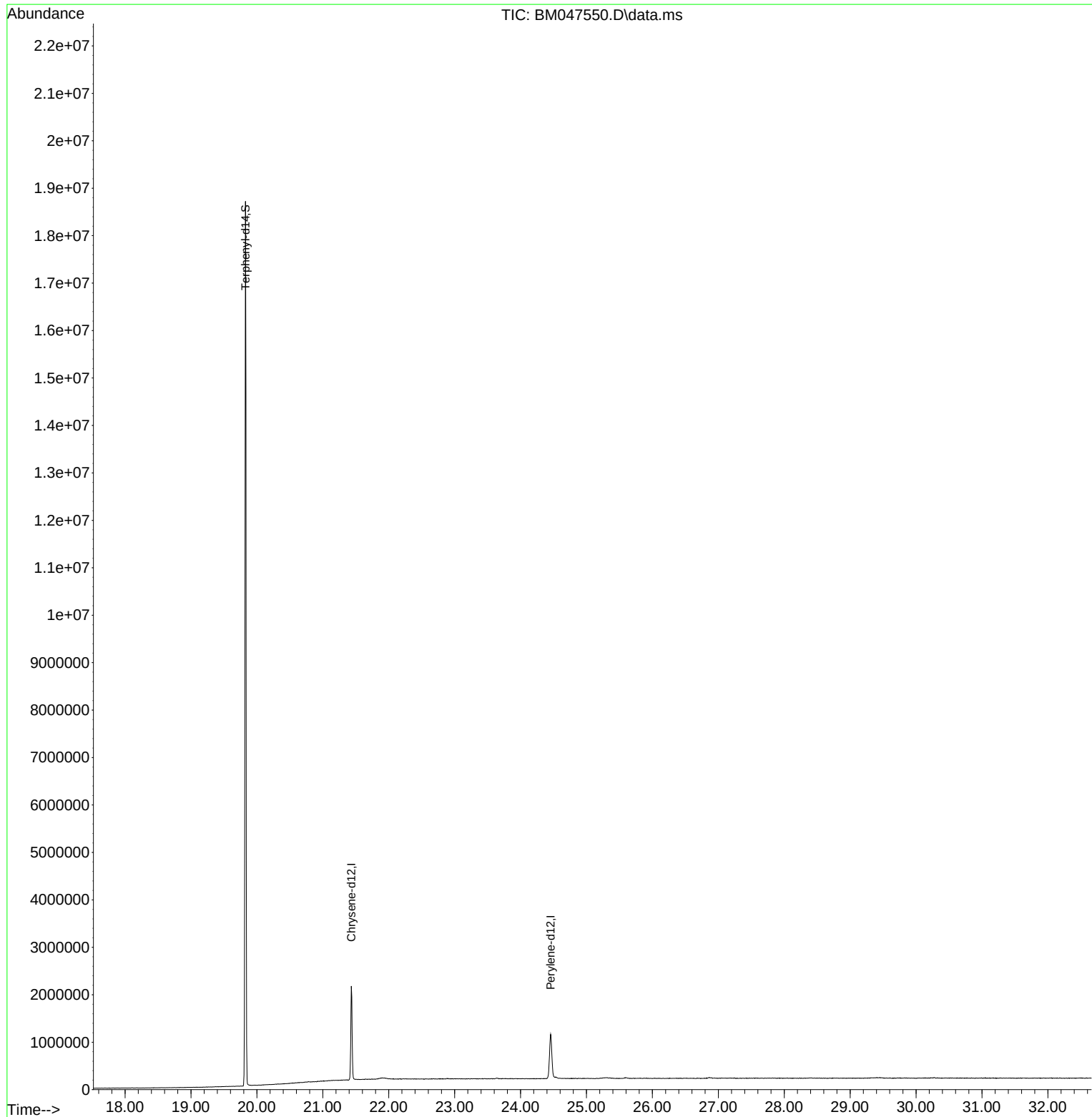
Quant Time: Sep 18 03:06:55 2024
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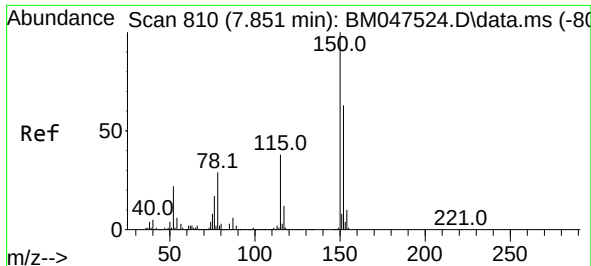


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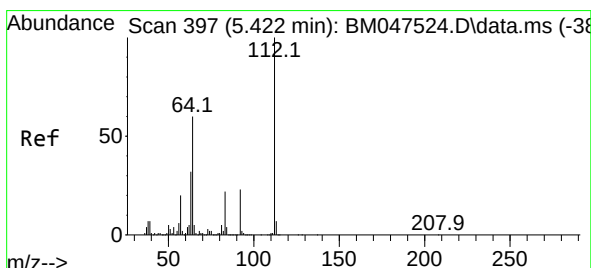
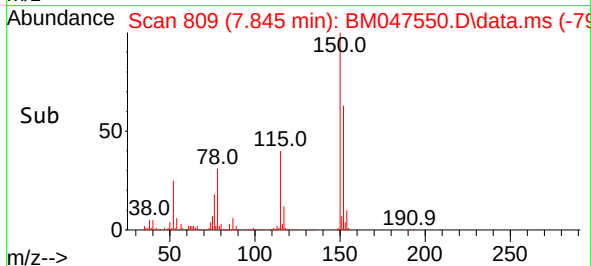
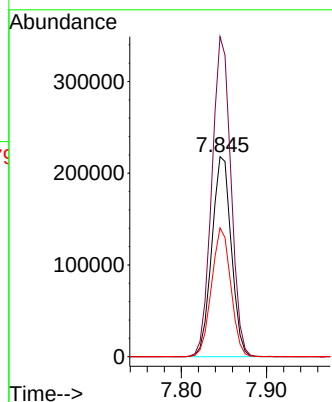
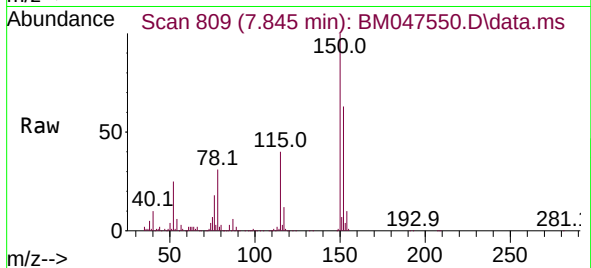




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

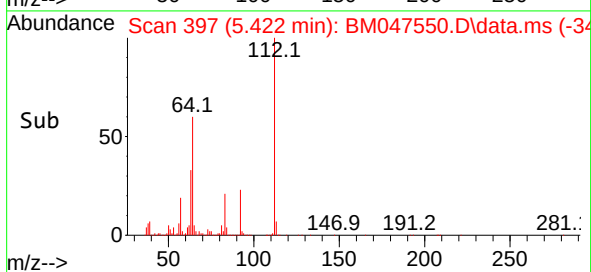
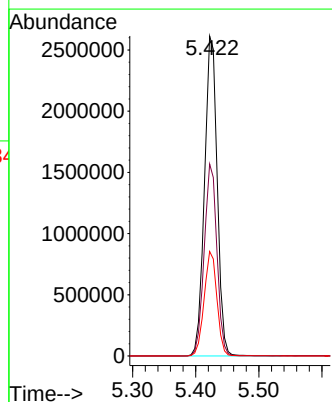
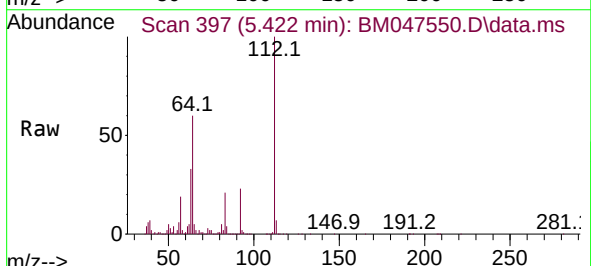
Instrument :
BNA_M
ClientSampleId :
PB163110BL

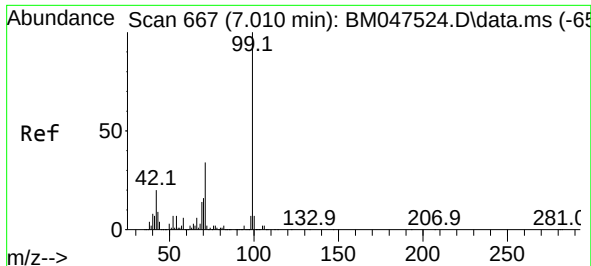
Tgt Ion:152 Resp: 345871
Ion Ratio Lower Upper
152 100
150 160.0 126.8 190.2
115 64.4 47.8 71.8



#5
2-Fluorophenol
Concen: 168.683 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:112 Resp: 3664235
Ion Ratio Lower Upper
112 100
64 60.0 48.2 72.4
63 32.6 26.0 39.0



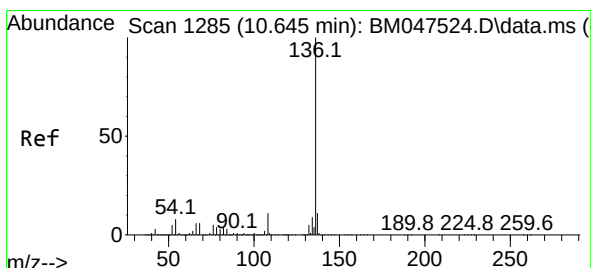
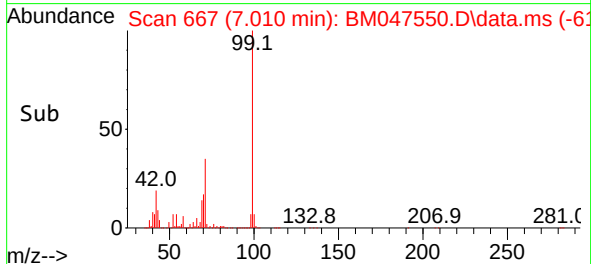
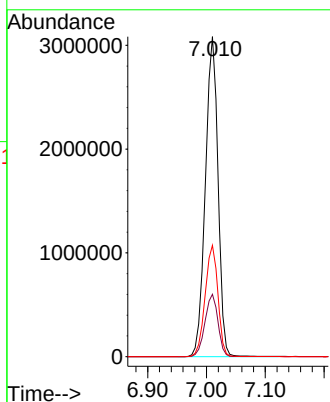
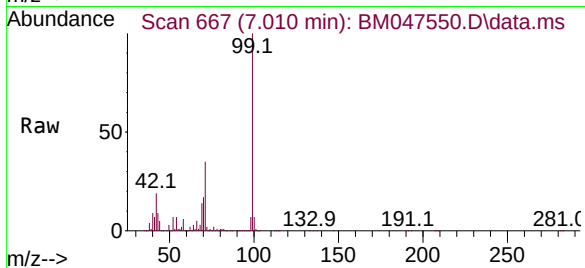


#7
Phenol-d6
Concen: 150.300 ng
RT: 7.010 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Instrument :
BNA_M
ClientSampleId :
PB163110BL

Tgt Ion: 99 Resp: 4597927

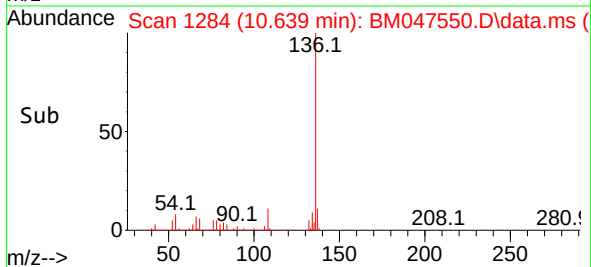
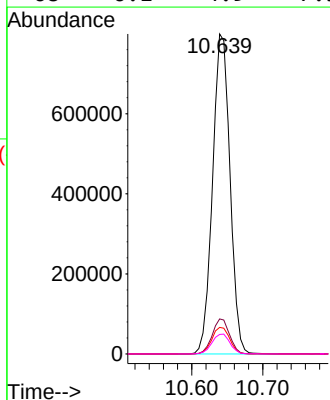
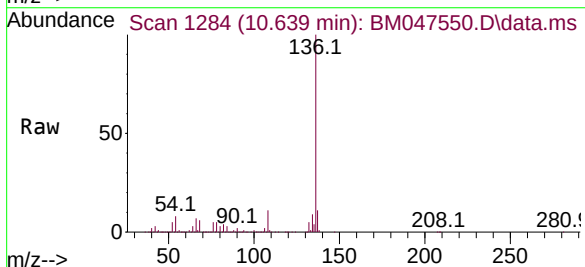
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.8
71	34.8	27.6	41.4

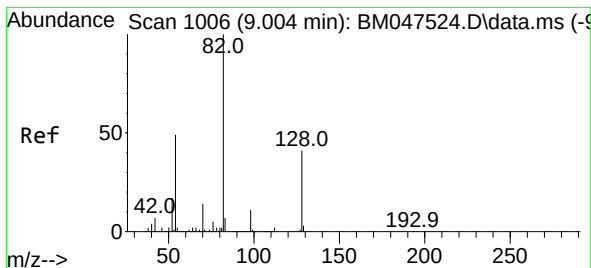


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:136 Resp: 1357777

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.3	6.6	9.8
68	6.1	4.9	7.3





#23

Nitrobenzene-d5

Concen: 102.570 ng

RT: 8.998 min Scan# 1100

Delta R.T. -0.006 min

Lab File: BM047550.D

Acq: 17 Sep 2024 19:06

Instrument :

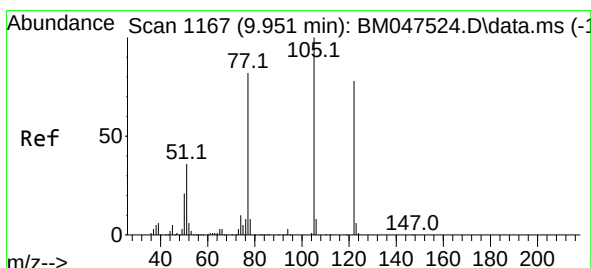
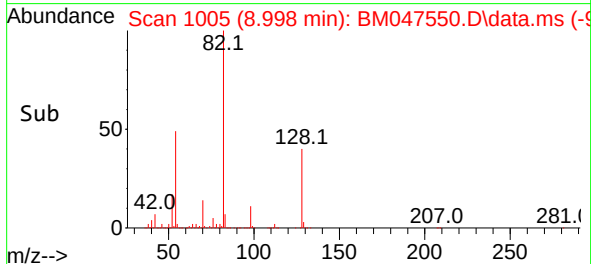
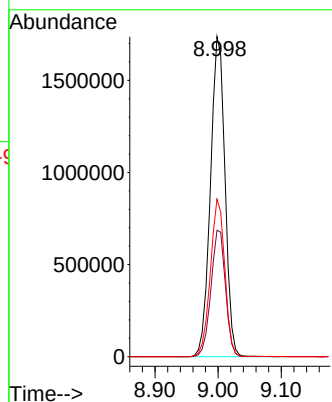
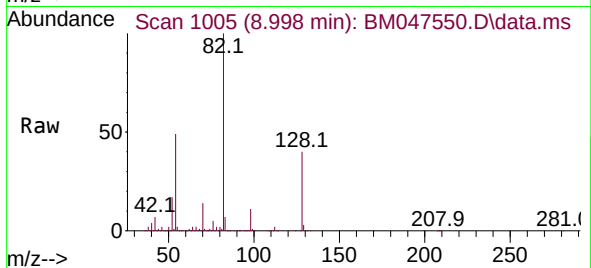
BNA_M

ClientSampleId :

PB163110BL

Tgt Ion: 82 Resp: 2782791

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	49.2	39.3	58.9



#32

Benzoic acid

Concen: 6.712 ng

RT: 9.851 min Scan# 1150

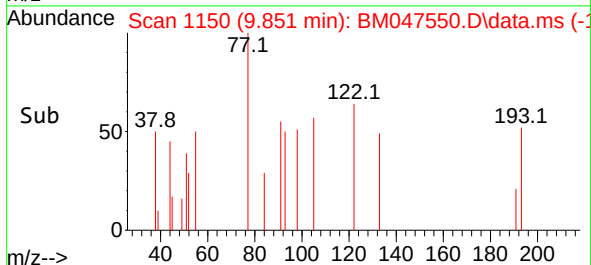
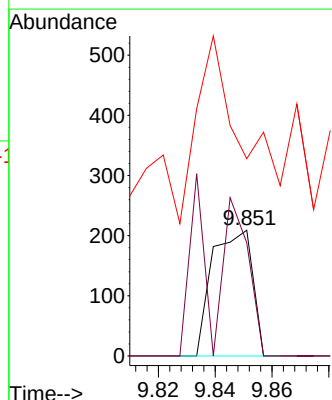
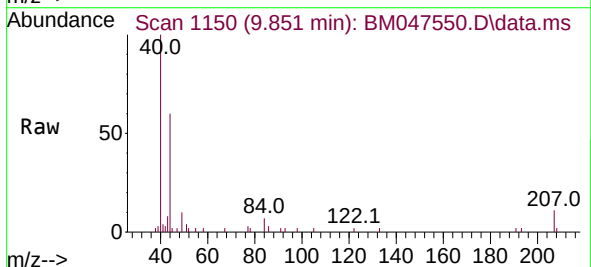
Delta R.T. -0.100 min

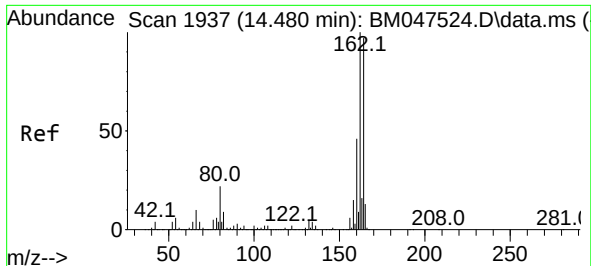
Lab File: BM047550.D

Acq: 17 Sep 2024 19:06

Tgt Ion:122 Resp: 205

Ion	Ratio	Lower	Upper
122	100		
105	90.0	104.7	144.7#
77	156.9	83.4	123.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM047550.D

Acq: 17 Sep 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB163110BL

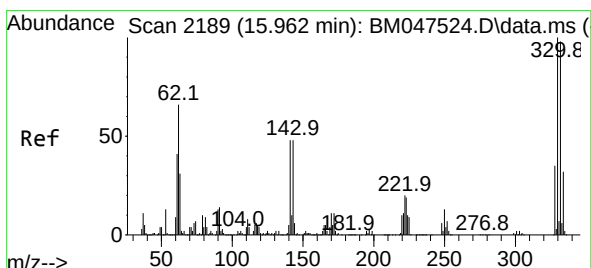
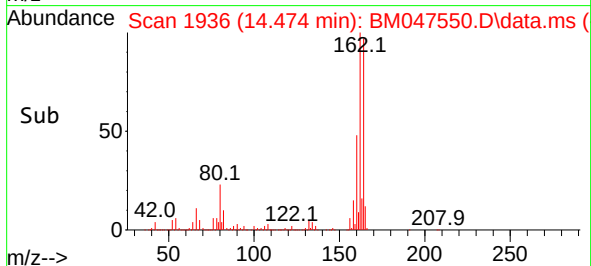
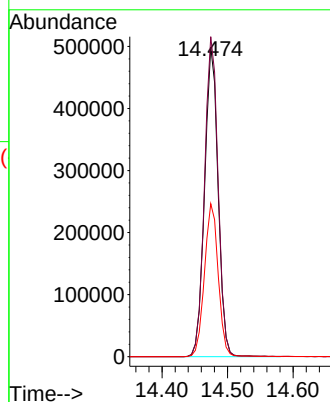
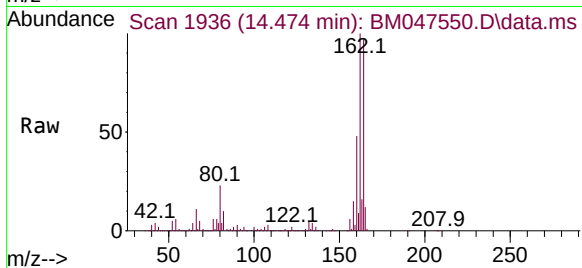
Tgt Ion:164 Resp: 714943

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.2

160 49.4 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 141.329 ng

RT: 15.957 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BM047550.D

Acq: 17 Sep 2024 19:06

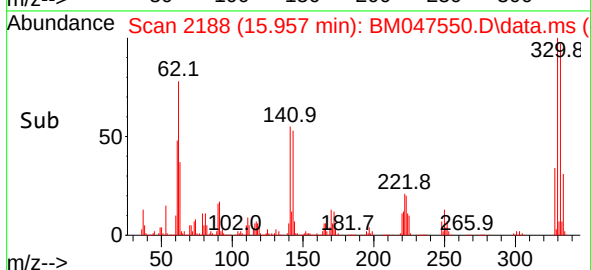
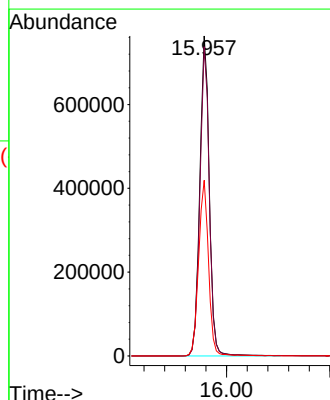
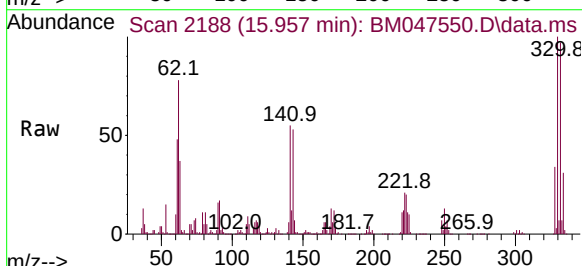
Tgt Ion:330 Resp: 976661

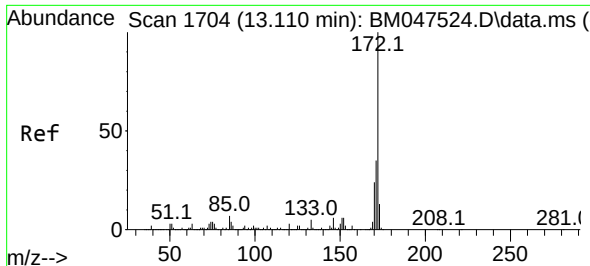
Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

141 57.1 42.2 63.2

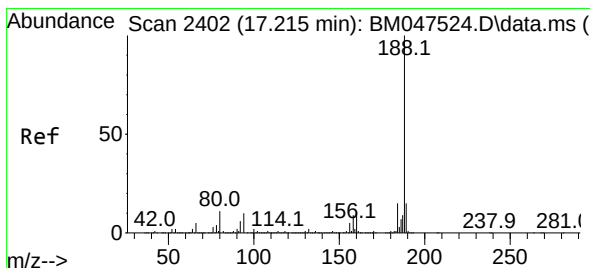
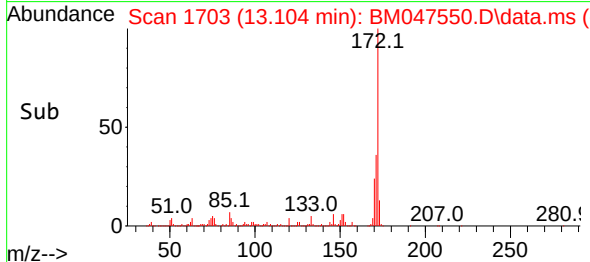
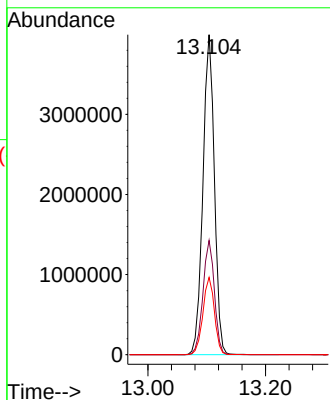
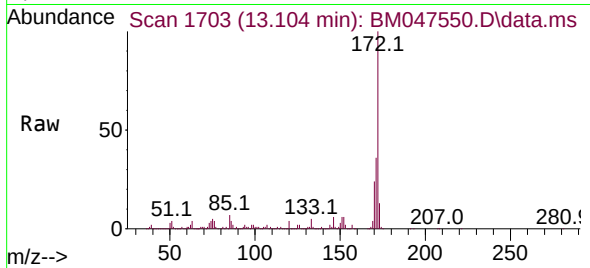




#45
2-Fluorobiphenyl
Concen: 104.399 ng
RT: 13.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

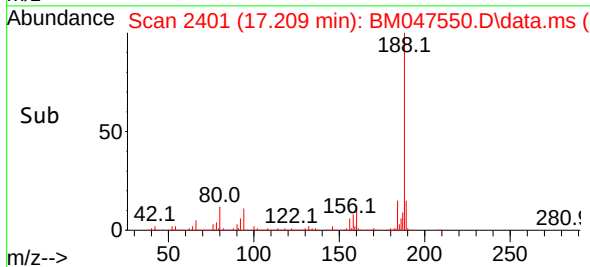
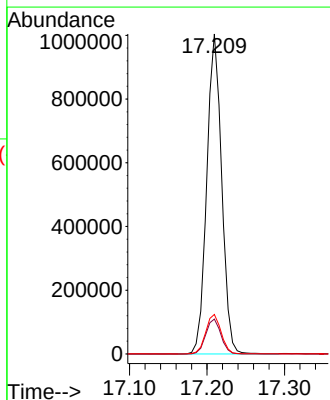
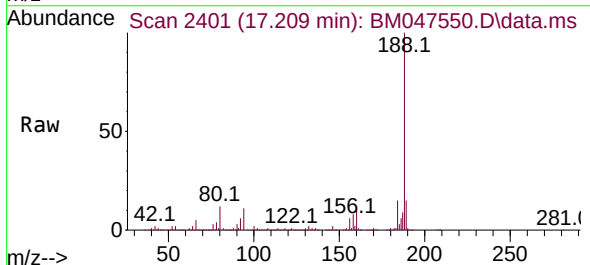
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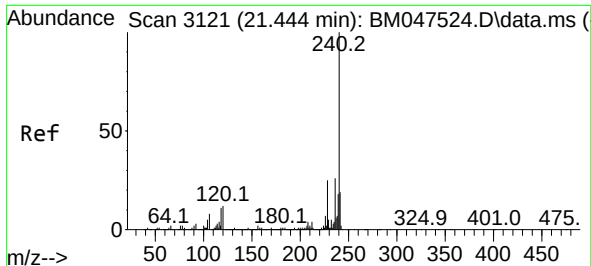
Tgt Ion:172 Resp: 5418397
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.2 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:188 Resp: 1341398
Ion Ratio Lower Upper
188 100
94 10.9 8.4 12.6
80 12.4 9.1 13.7

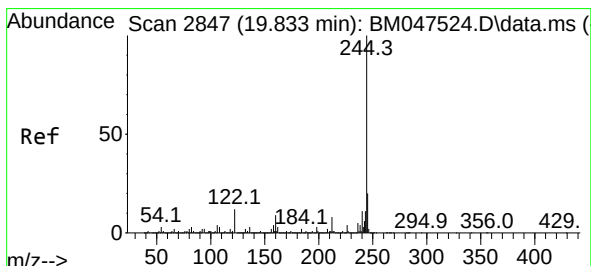
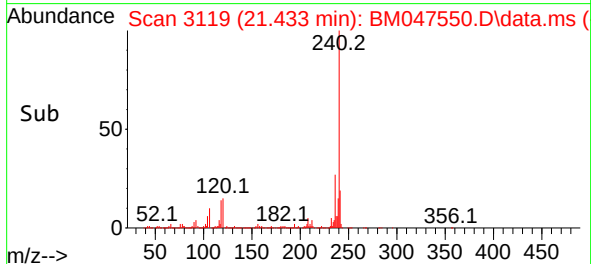
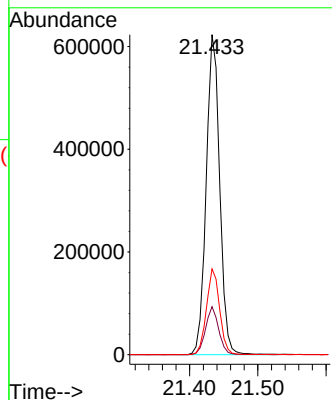
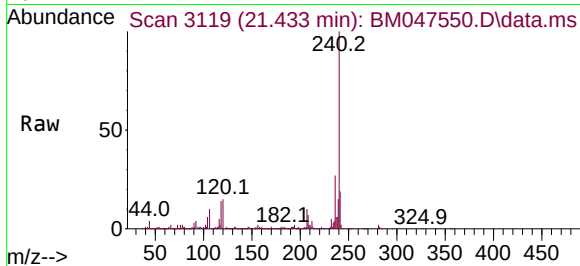




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

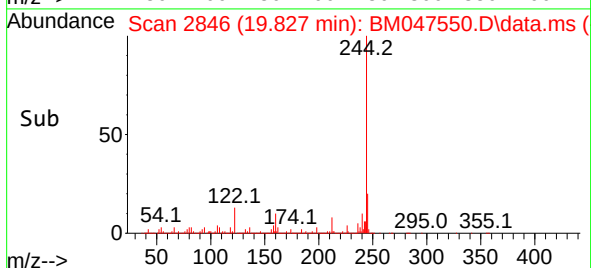
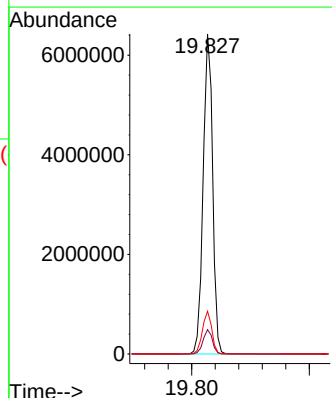
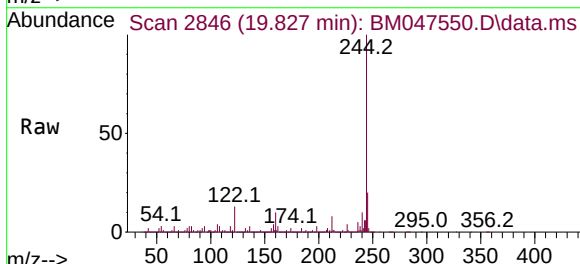
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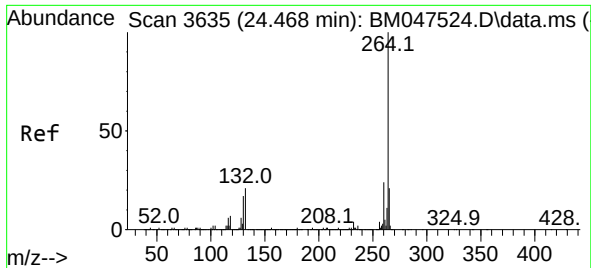
Tgt Ion:240 Resp: 858057
Ion Ratio Lower Upper
240 100
120 15.0 9.6 14.4#
236 26.8 20.9 31.3



#79
Terphenyl-d14
Concen: 149.187 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:244 Resp: 7143722
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 13.4 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Instrument :
BNA_M
ClientSampleId :
PB163110BL

Tgt Ion:264 Resp: 742091

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.5	17.4	26.2

