

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047562.D
 Acq On : 18 Sep 2024 19:05
 Operator : RC/JU
 Sample : P4088-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-08

Quant Time: Sep 19 03:18:39 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	7.851	152	232709	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	903255	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	451602	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	830876	20.000	ng	0.00
76) Chrysene-d12	21.439	240	678507	20.000	ng	# 0.00
86) Perylene-d12	24.474	264	749282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1286881	88.050	ng	0.00
7) Phenol-d6	7.010	99	1756802	85.354	ng	0.00
23) Nitrobenzene-d5	9.004	82	1031721	57.164	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	309423	70.885	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1762994	53.777	ng	0.00
79) Terphenyl-d14	19.833	244	2128644	56.218	ng	0.00

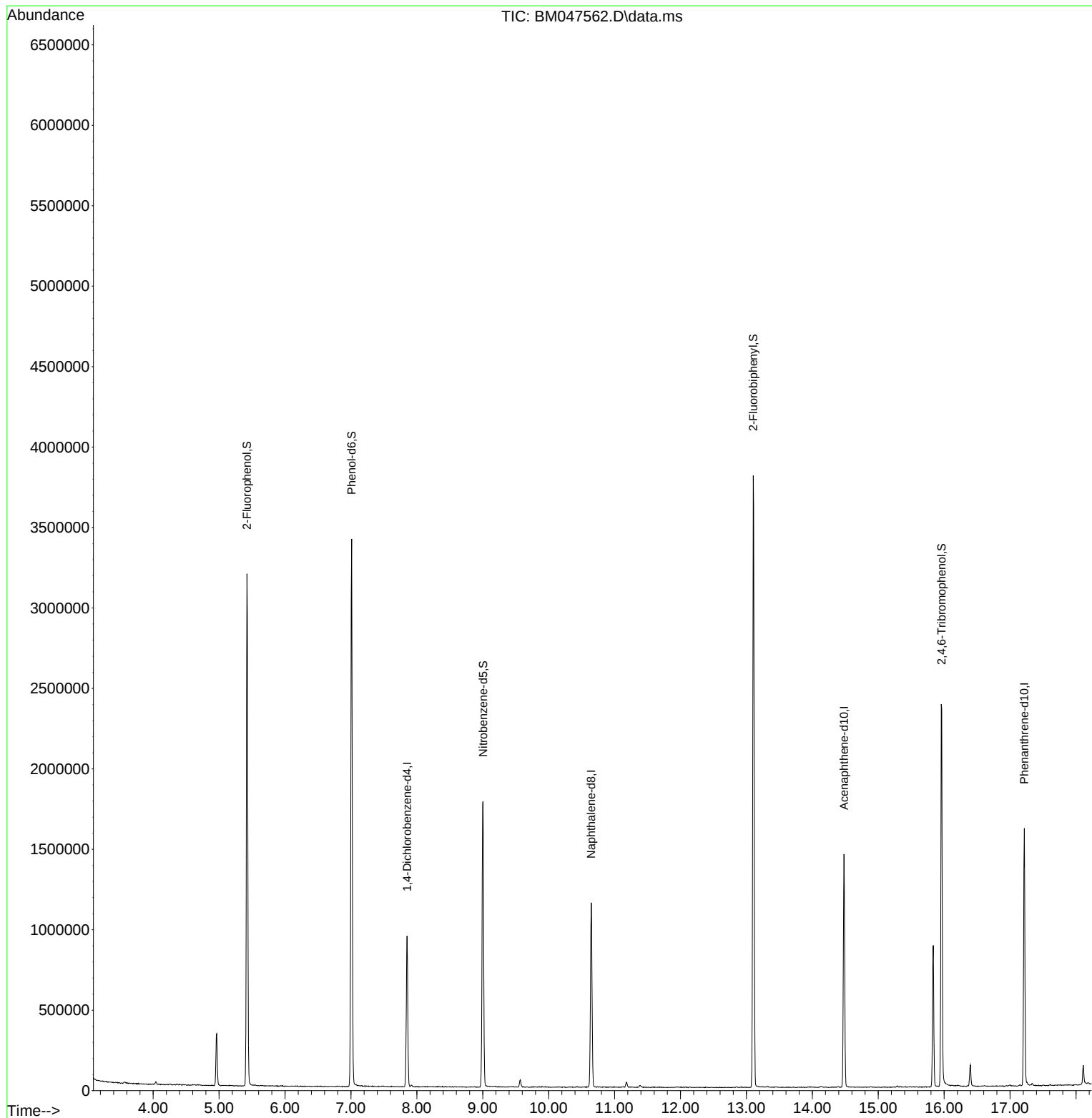
Target Compounds	Qvalue

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

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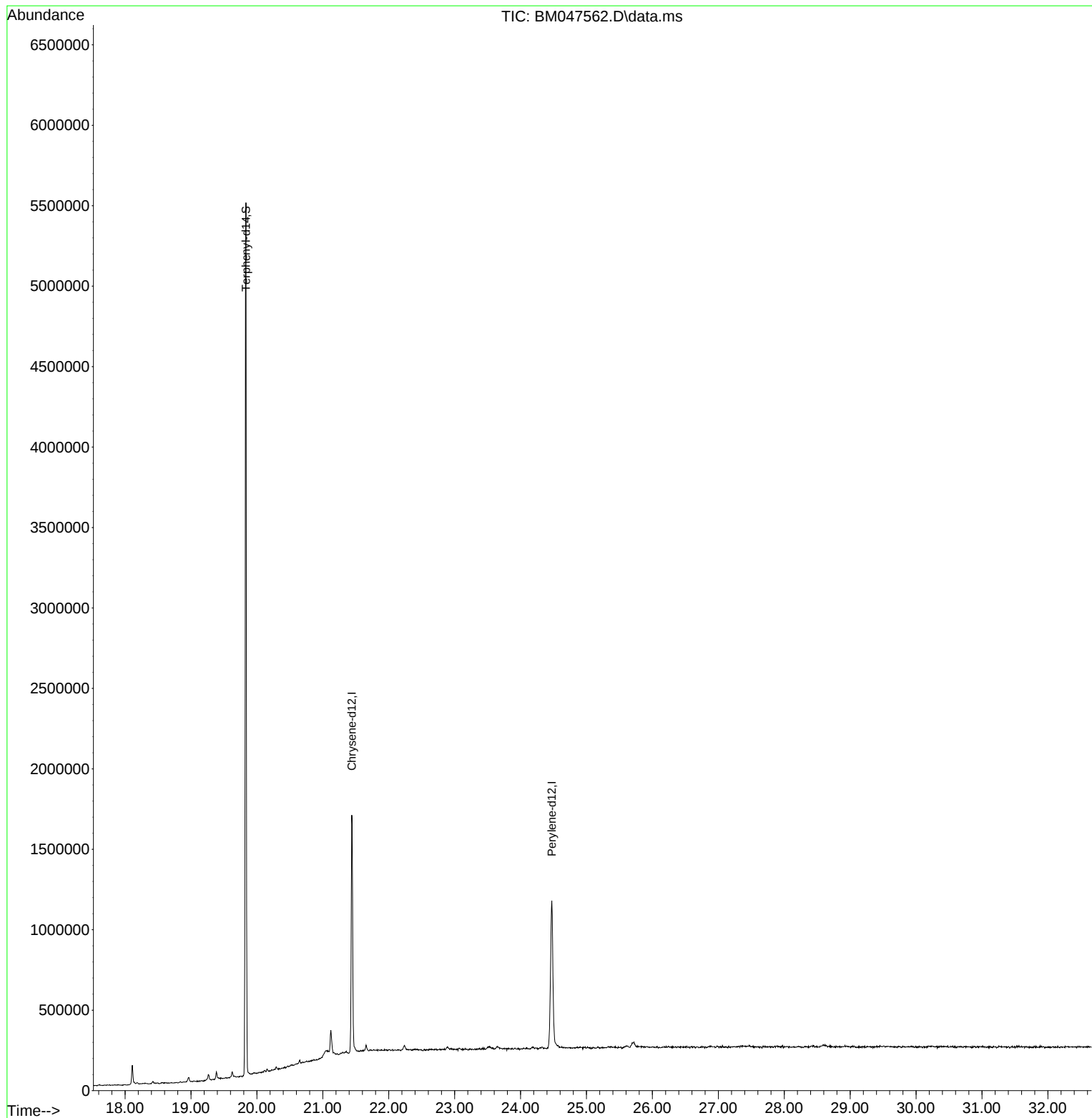
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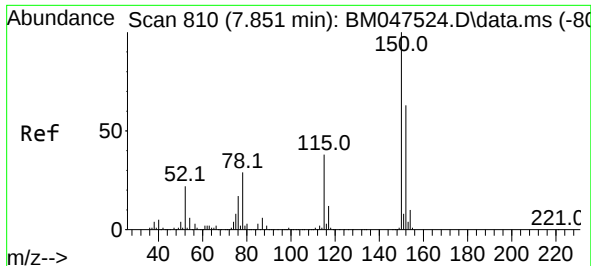


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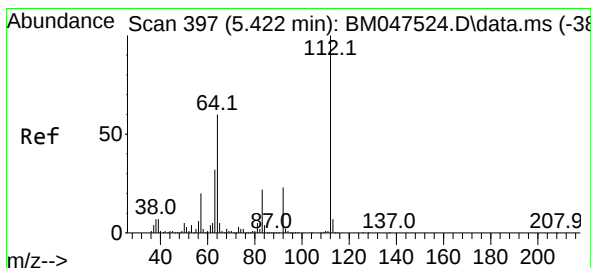
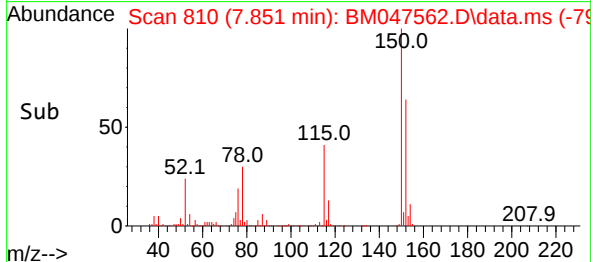
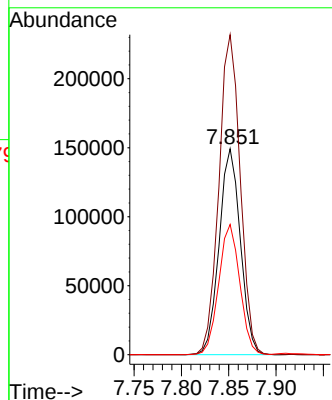
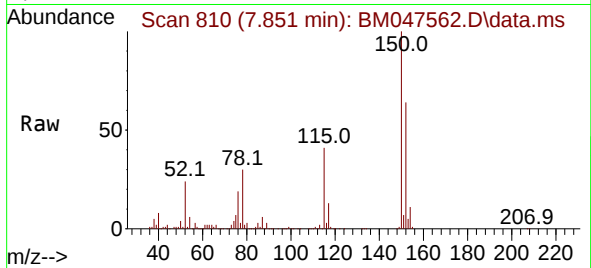




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

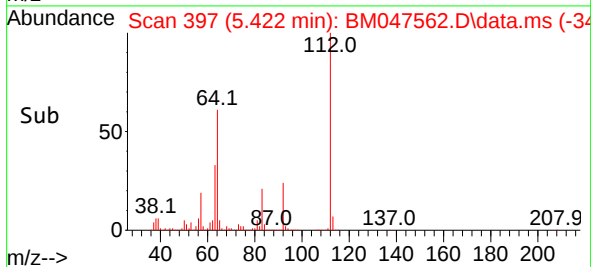
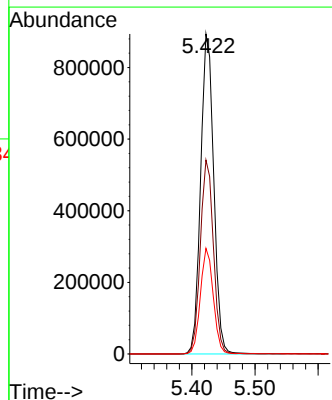
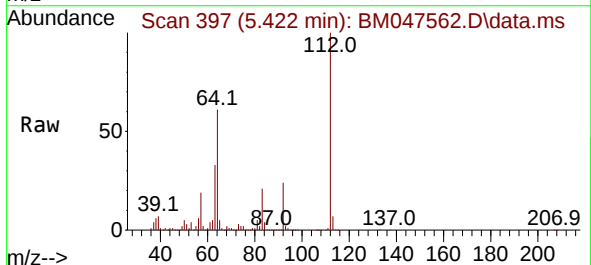
Instrument :
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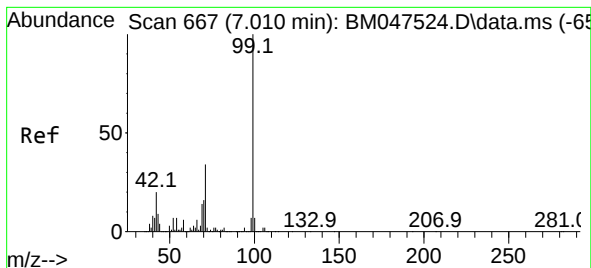
Tgt Ion:152 Resp: 232709
Ion Ratio Lower Upper
152 100
150 155.3 126.8 190.2
115 63.2 47.8 71.8



#5
2-Fluorophenol
Concen: 88.050 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:112 Resp: 1286881
Ion Ratio Lower Upper
112 100
64 60.6 48.2 72.4
63 33.0 26.0 39.0





#7

Phenol-d6

Concen: 85.354 ng

RT: 7.010 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM047562.D

Acq: 18 Sep 2024 19:05

Instrument :

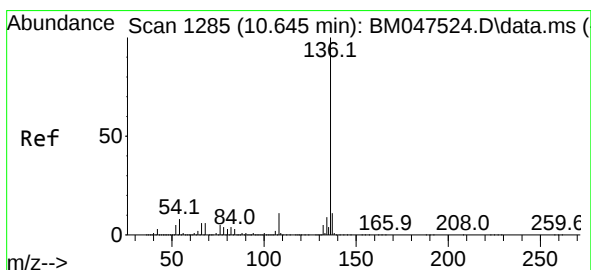
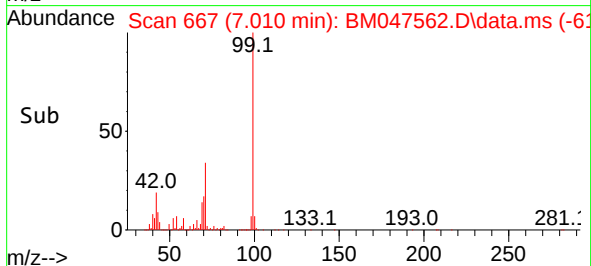
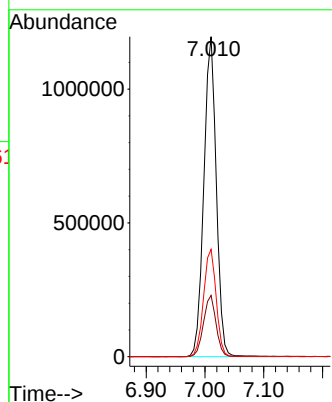
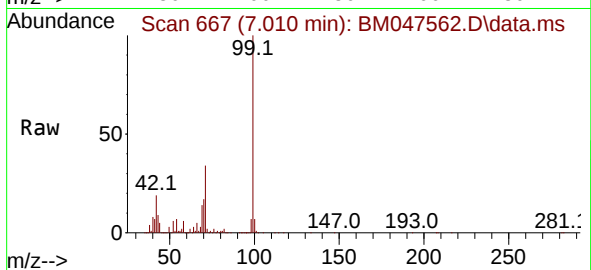
BNA_M

ClientSampleId :

NB-614-COMP-08

Tgt Ion: 99 Resp: 1756802

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.8
71	33.6	27.6	41.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.645 min Scan# 1285

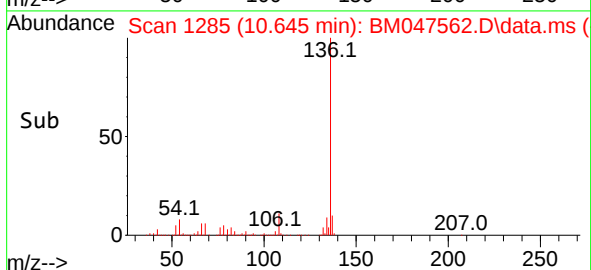
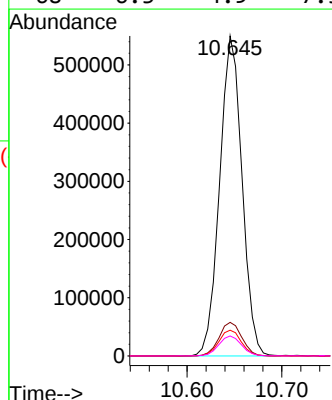
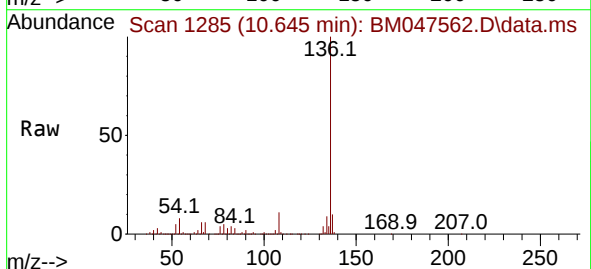
Delta R.T. 0.000 min

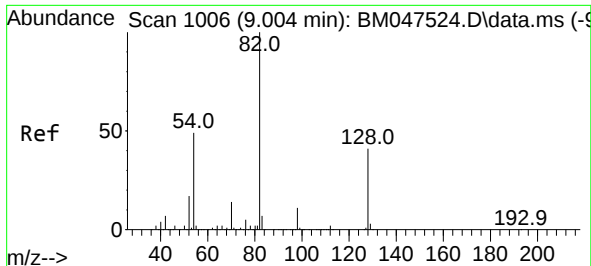
Lab File: BM047562.D

Acq: 18 Sep 2024 19:05

Tgt Ion: 136 Resp: 903255

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	8.1	6.6	9.8
68	6.3	4.9	7.3

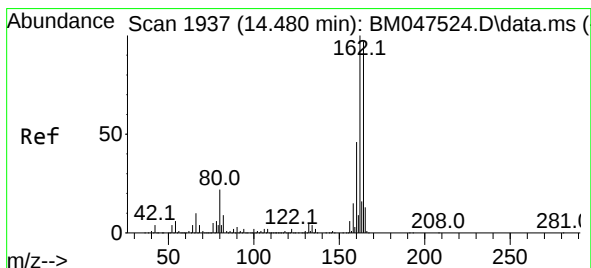
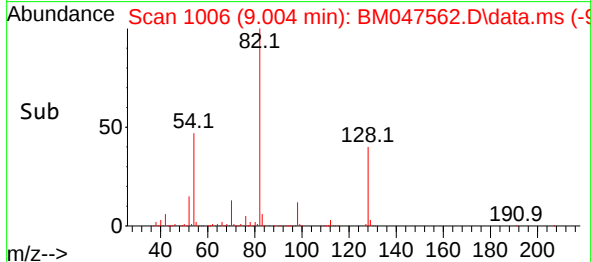
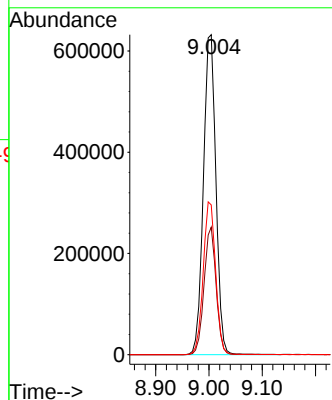
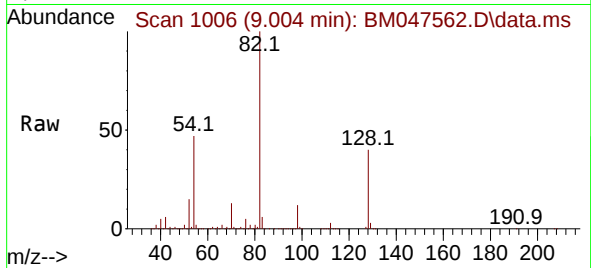




#23
Nitrobenzene-d5
Concen: 57.164 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

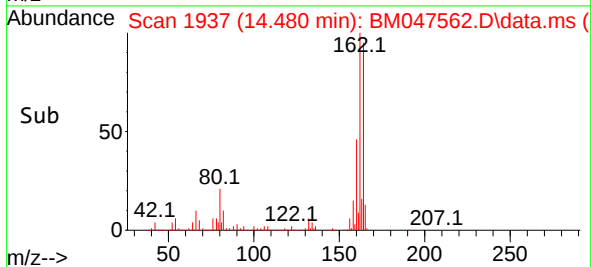
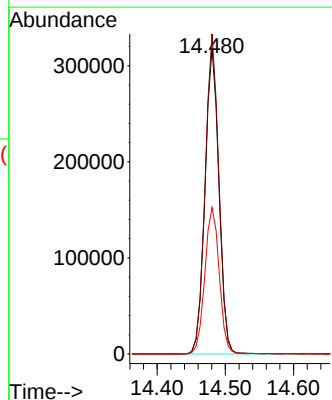
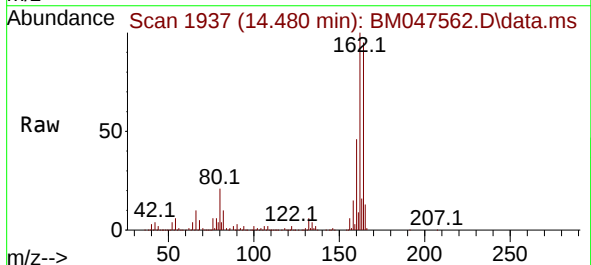
Instrument :
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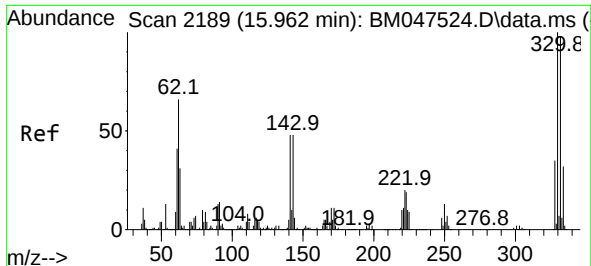
Tgt Ion: 82 Resp: 1031721
Ion Ratio Lower Upper
82 100
128 39.9 33.0 49.4
54 46.8 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:164 Resp: 451602
Ion Ratio Lower Upper
164 100
162 104.8 82.2 123.2
160 48.0 38.2 57.2

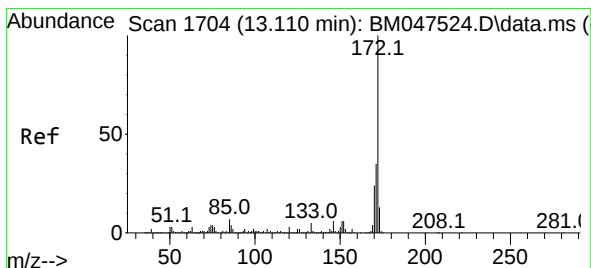
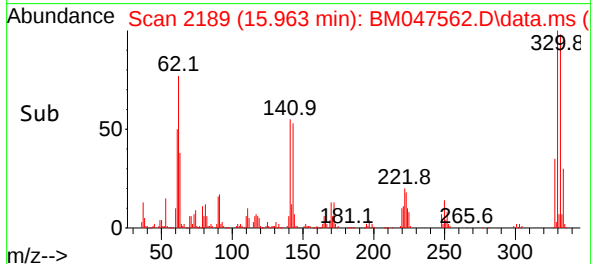
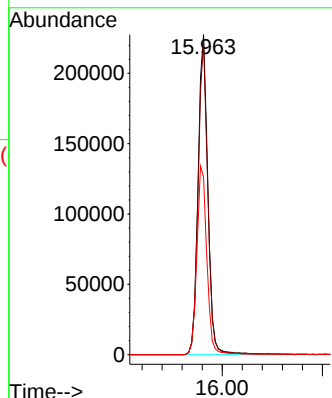
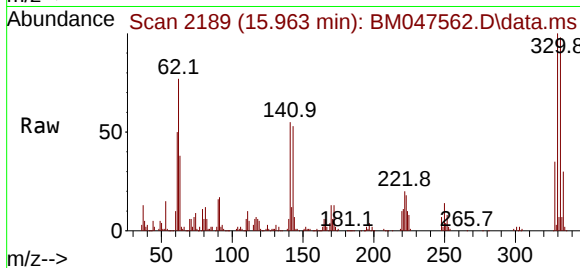




#42
2,4,6-Tribromophenol
Concen: 70.885 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

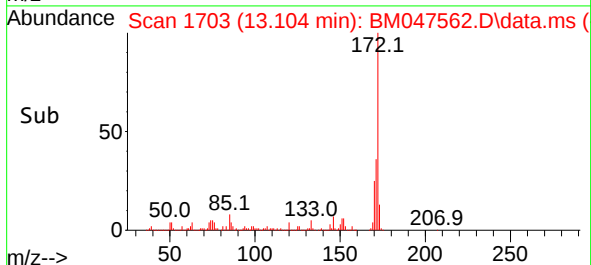
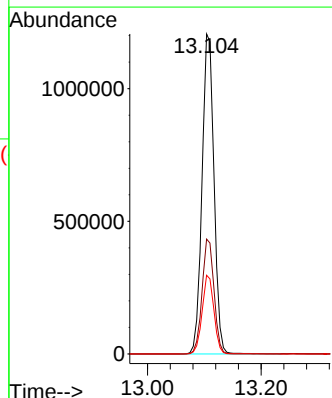
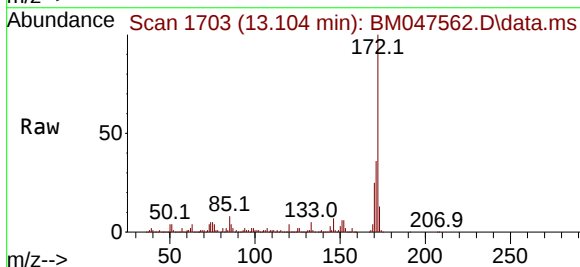
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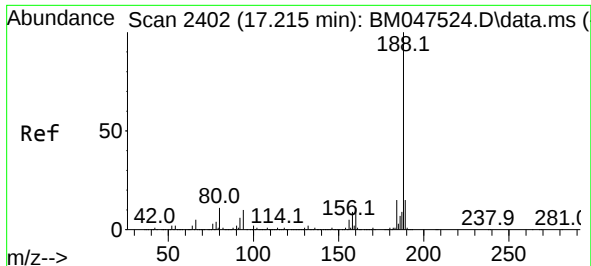
Tgt Ion:330 Resp: 309423
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 59.6 42.2 63.2



#45
2-Fluorobiphenyl
Concen: 53.777 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:172 Resp: 1762994
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.6 19.4 29.0

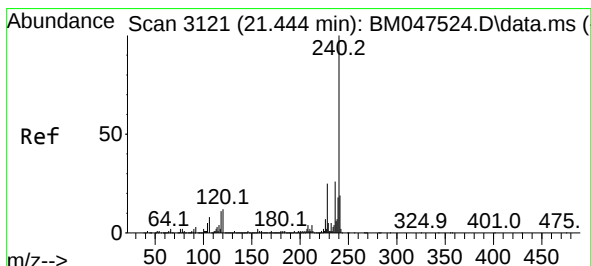
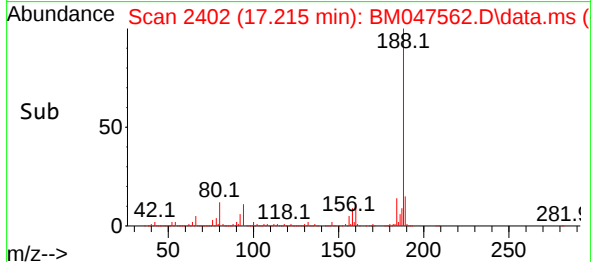
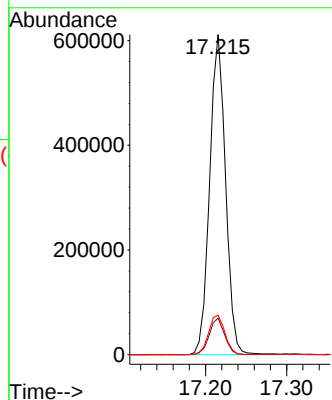
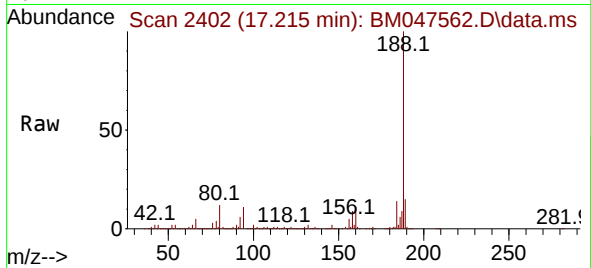




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

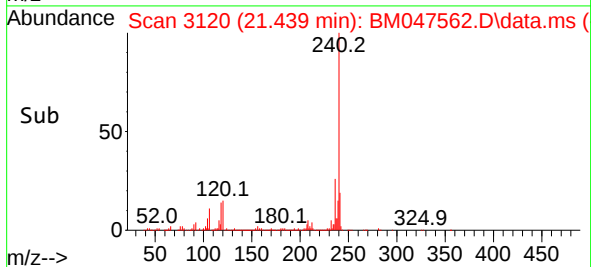
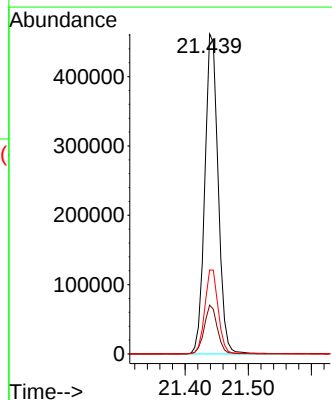
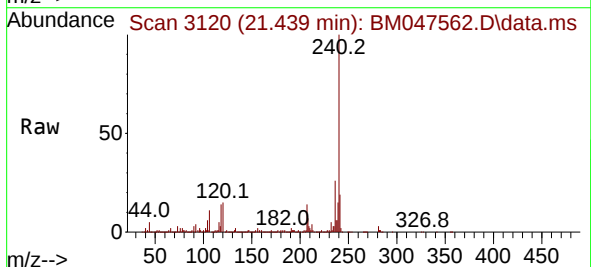
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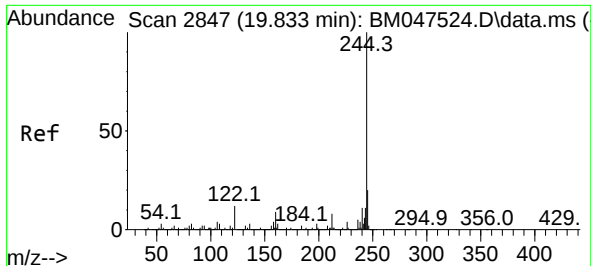
Tgt Ion:188 Resp: 830876
Ion Ratio Lower Upper
188 100
94 11.4 8.4 12.6
80 12.4 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:240 Resp: 678507
Ion Ratio Lower Upper
240 100
120 15.2 9.6 14.4#
236 26.2 20.9 31.3

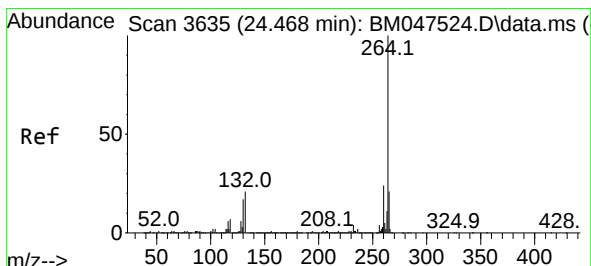
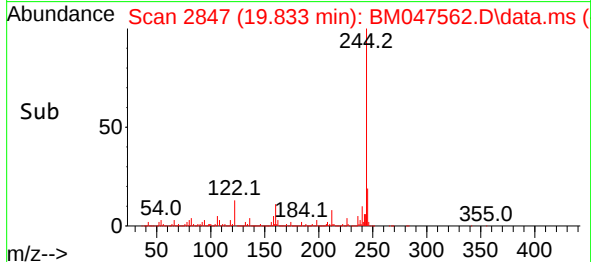
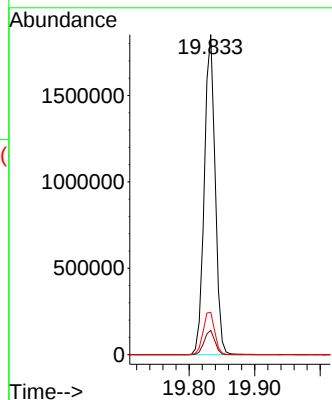
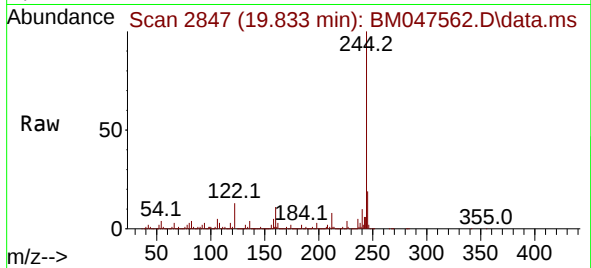




#79
 Terphenyl-d14
 Concen: 56.218 ng
 RT: 19.833 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047562.D
 Acq: 18 Sep 2024 19:05

Instrument :
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Tgt Ion:244 Resp: 2128644
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 13.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.474 min Scan# 3636
 Delta R.T. 0.006 min
 Lab File: BM047562.D
 Acq: 18 Sep 2024 19:05

Tgt Ion:264 Resp: 749282
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 21.7 17.4 26.2

