

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102324\
 Data File : BM048209.D
 Acq On : 23 Oct 2024 18:25
 Operator : RC/JU
 Sample : PB164286BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB164286BL

Quant Time: Oct 24 01:01:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	158631	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	584492	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	345617	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	674329	20.000	ng	0.00
76) Chrysene-d12	21.333	240	563717	20.000	ng	0.00
86) Perylene-d12	24.286	264	638791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1501590	159.117	ng	0.00
7) Phenol-d6	6.904	99	1770057	144.024	ng	0.00
23) Nitrobenzene-d5	8.881	82	1049093	101.344	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	602159	142.342	ng	0.00
45) 2-Fluorobiphenyl	12.986	172	2305028	102.340	ng	0.00
79) Terphenyl-d14	19.733	244	3044307	110.208	ng	0.00

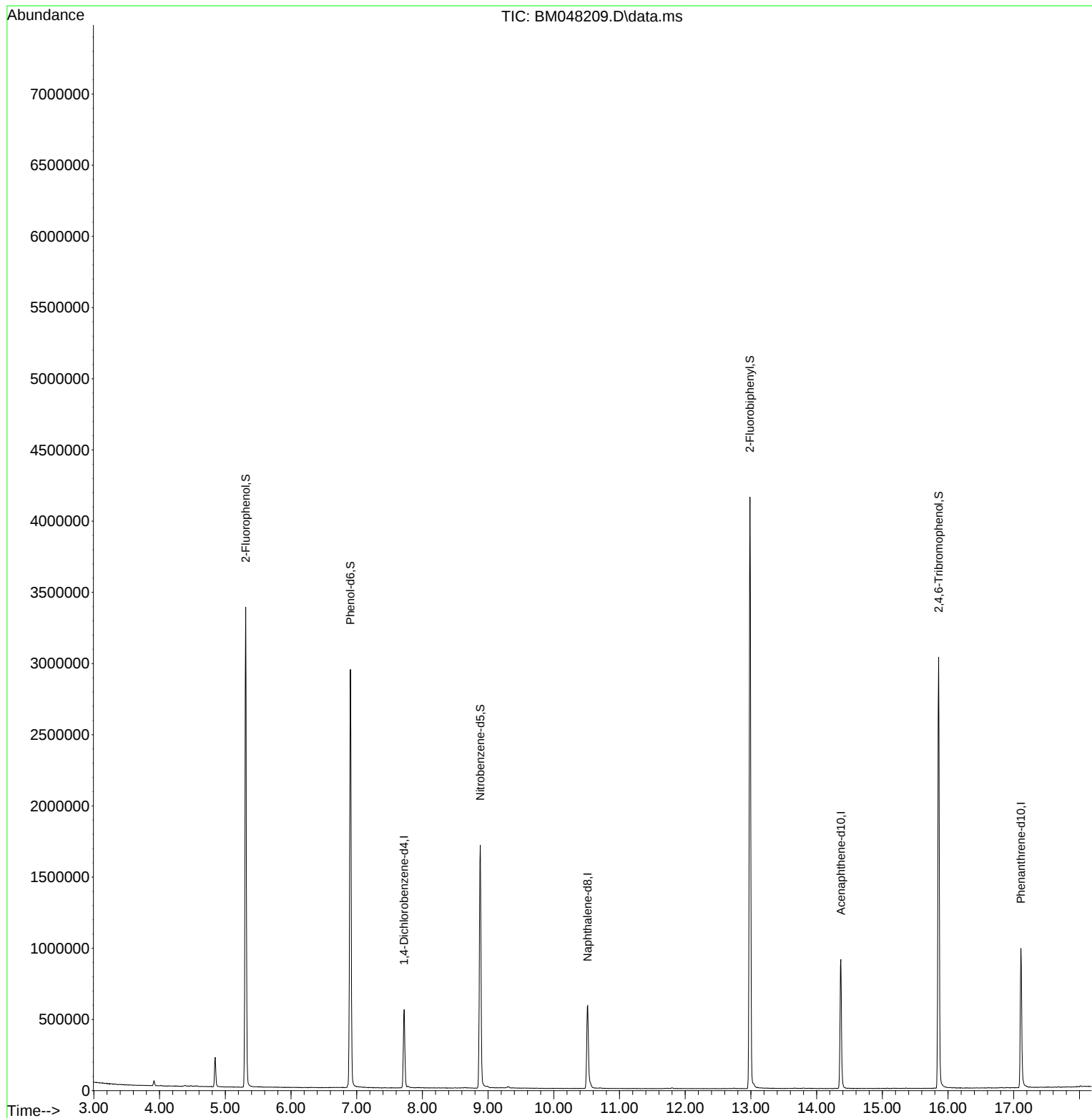
Target Compounds	Qvalue

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

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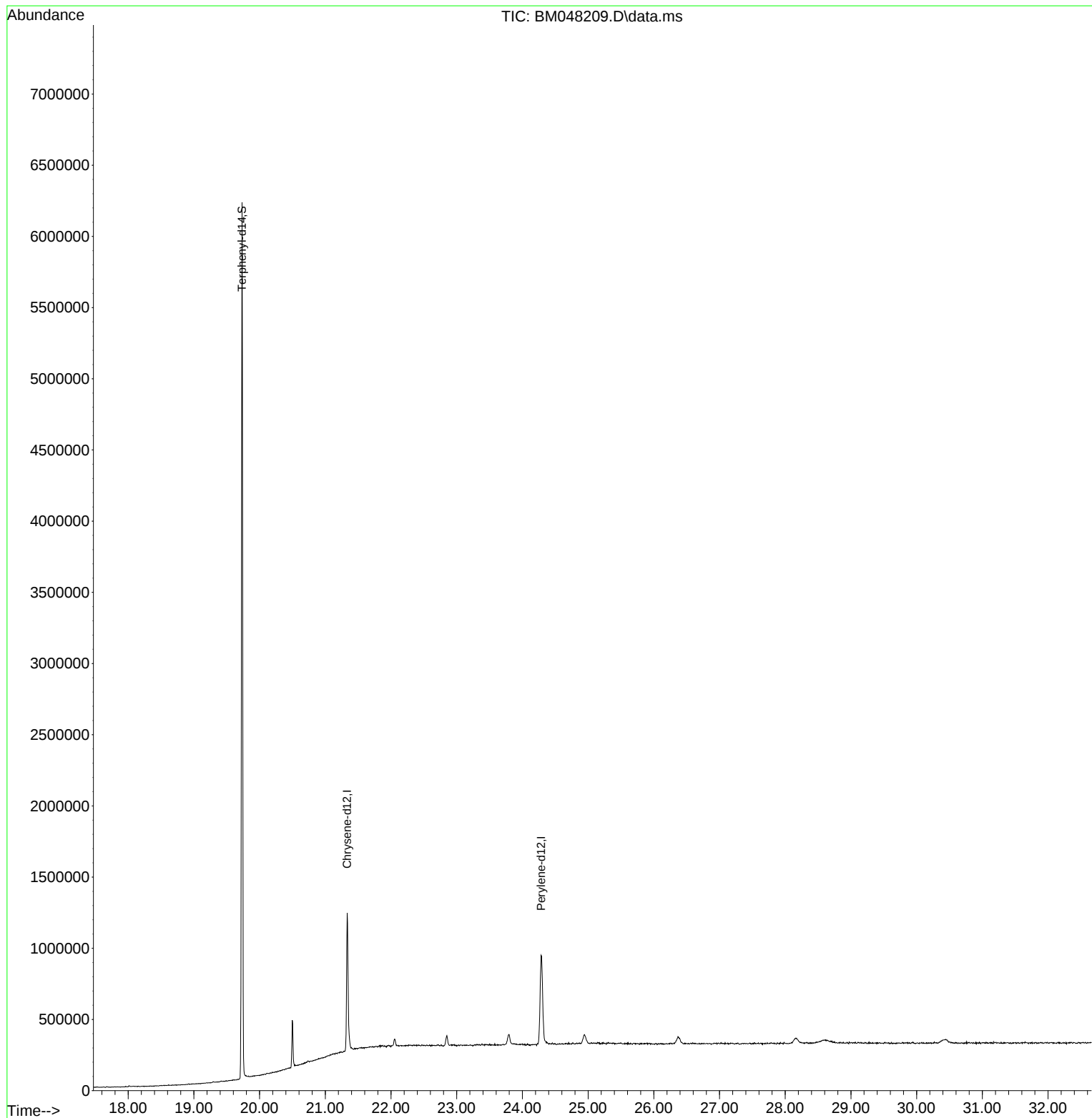
Quant Time: Oct 24 01:01:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
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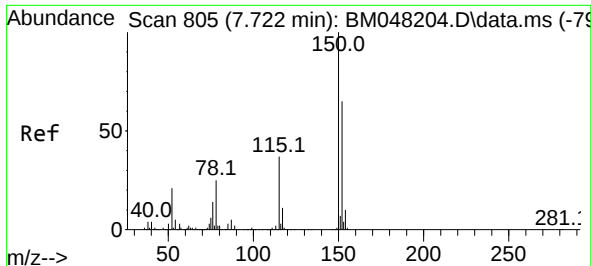


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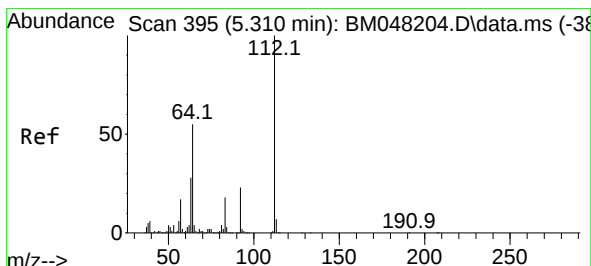
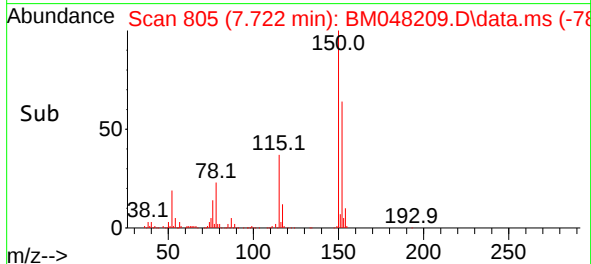
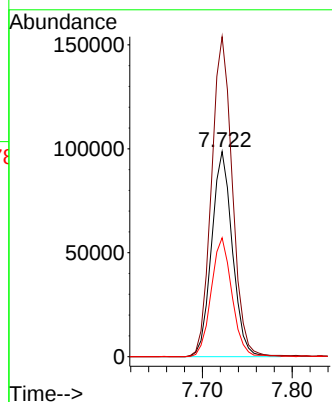
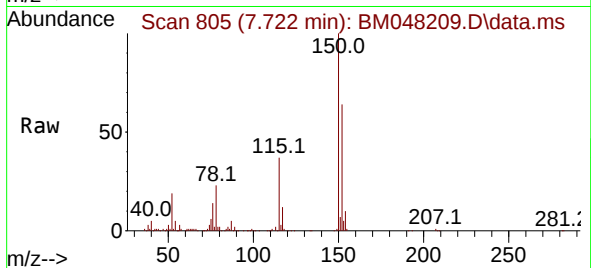




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

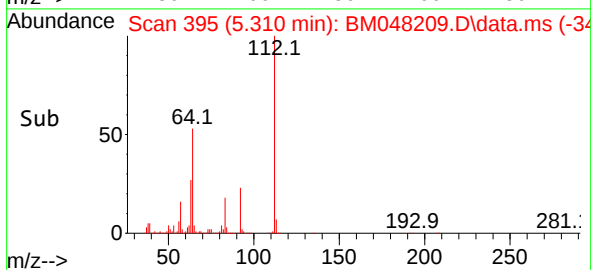
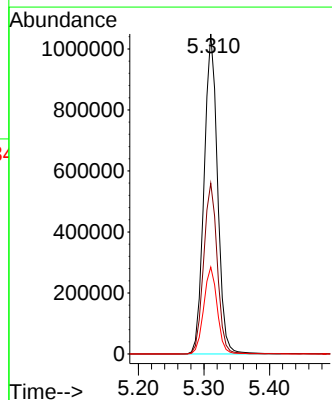
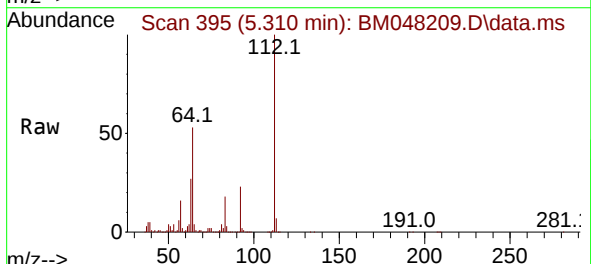
Instrument :
BNA_M
ClientSampleId :
PB164286BL

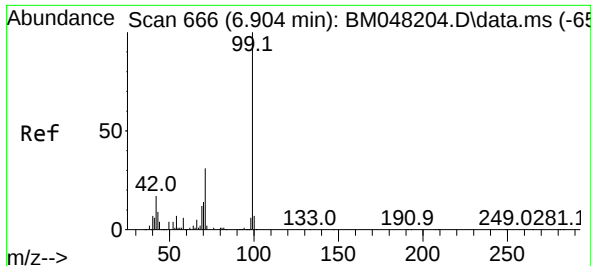
Tgt Ion:152 Resp: 158631
Ion Ratio Lower Upper
152 100
150 156.0 123.0 184.6
115 57.9 45.8 68.6



#5
2-Fluorophenol
Concen: 159.117 ng
RT: 5.310 min Scan# 395
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

Tgt Ion:112 Resp: 1501590
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 27.2 22.7 34.1



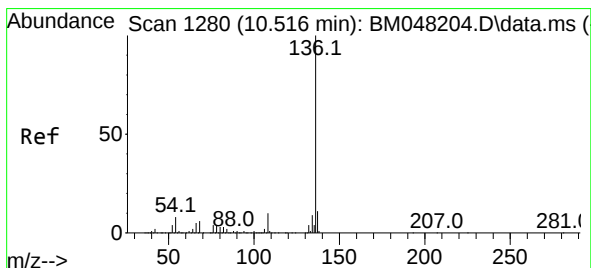
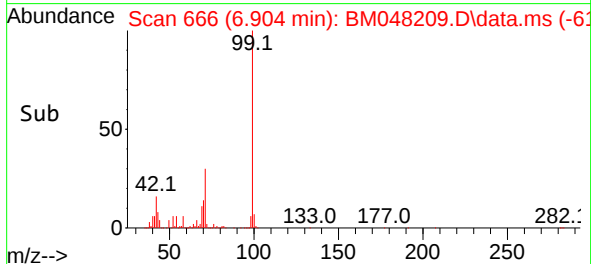
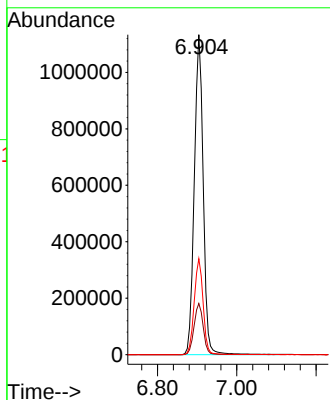
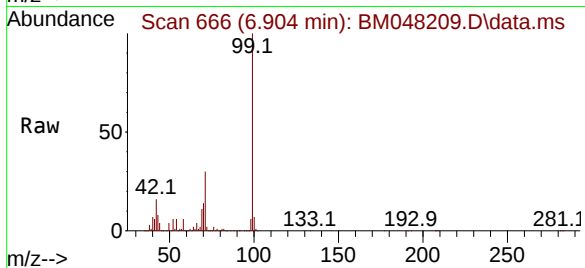


#7
Phenol-d6
Concen: 144.024 ng
RT: 6.904 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

Instrument :
BNA_M
ClientSampleId :
PB164286BL

Tgt Ion: 99 Resp: 1770057

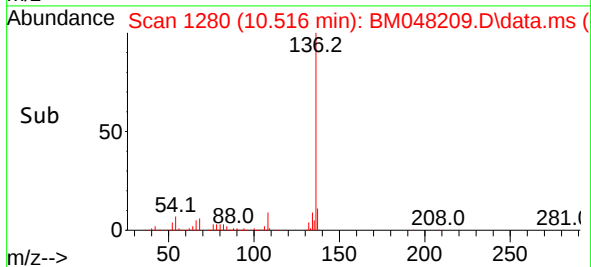
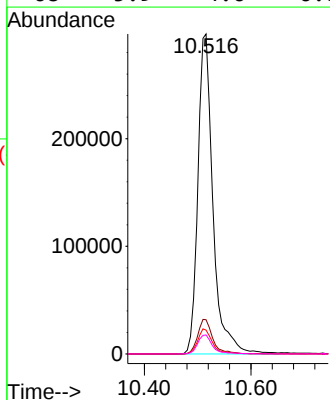
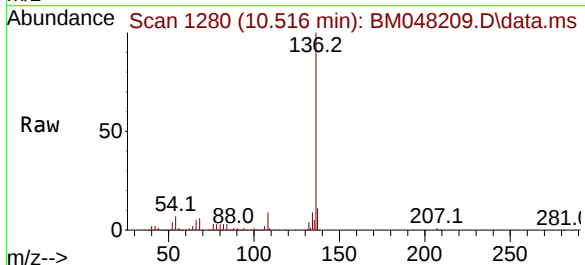
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.8	20.8
71	30.0	24.9	37.3

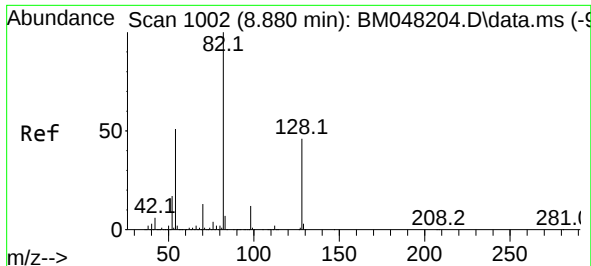


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

Tgt Ion: 136 Resp: 584492

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	6.5	9.7
68	5.9	4.6	6.8

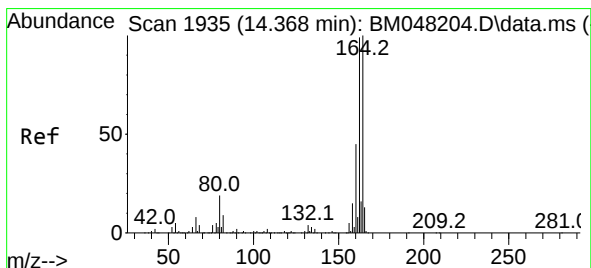
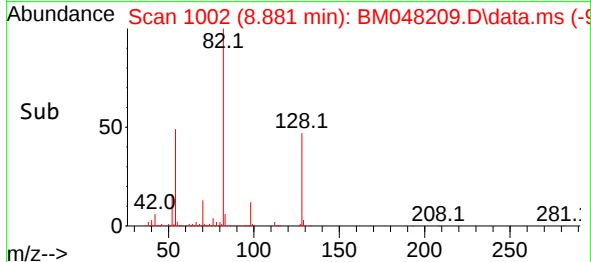
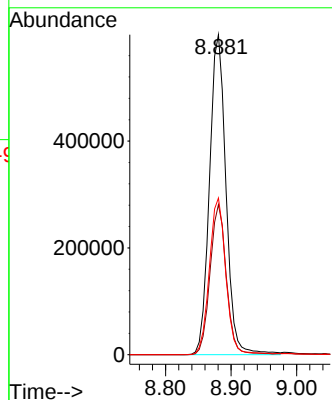
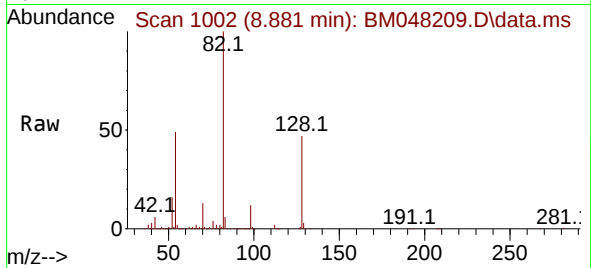




#23
Nitrobenzene-d5
Concen: 101.344 ng
RT: 8.881 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

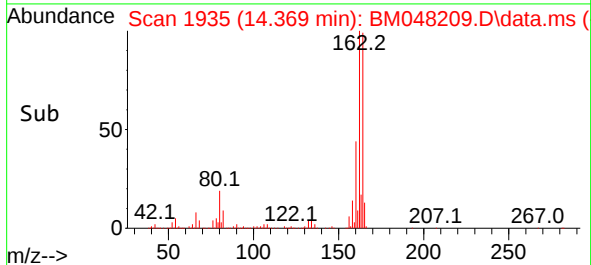
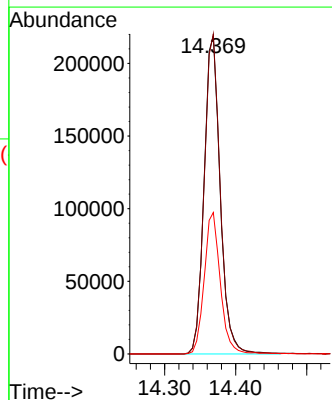
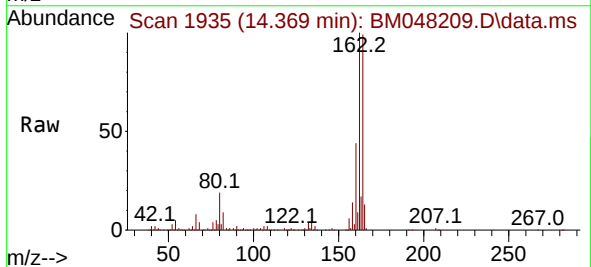
Instrument :
BNA_M
ClientSampleId :
PB164286BL

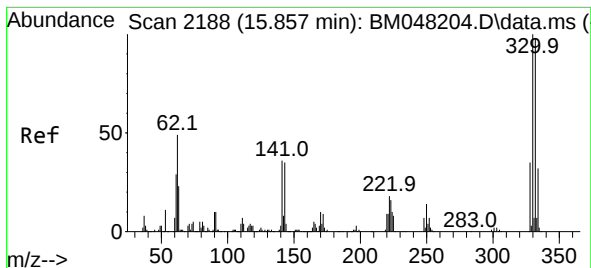
Tgt Ion: 82 Resp: 1049093
Ion Ratio Lower Upper
82 100
128 46.9 36.6 54.8
54 49.0 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

Tgt Ion:164 Resp: 345617
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 44.5 35.8 53.8

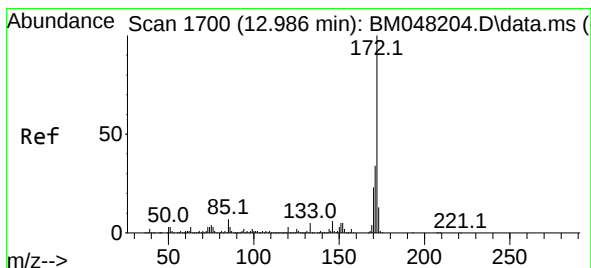
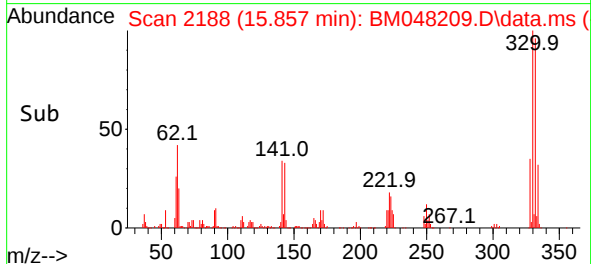
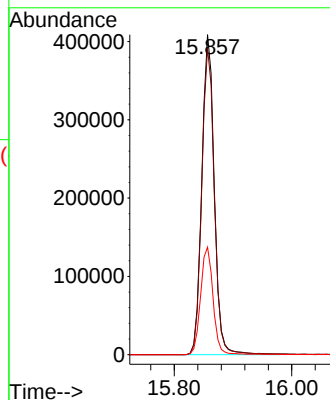
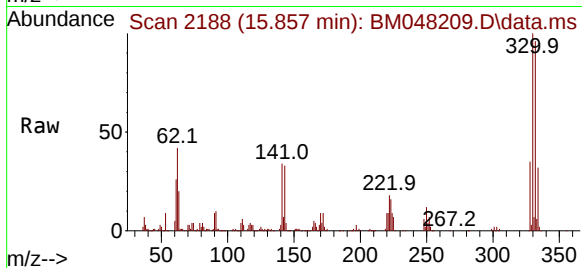




#42
2,4,6-Tribromophenol
Concen: 142.342 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

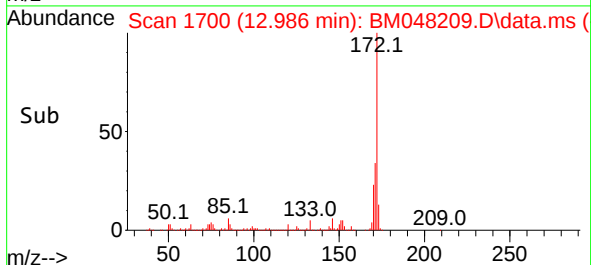
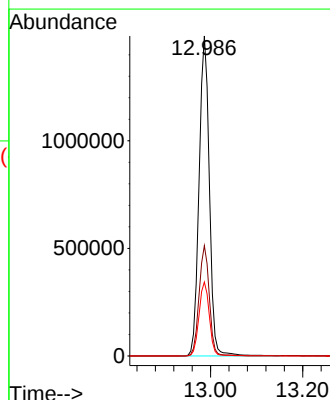
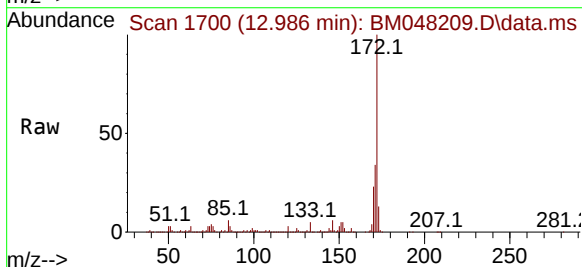
Instrument :
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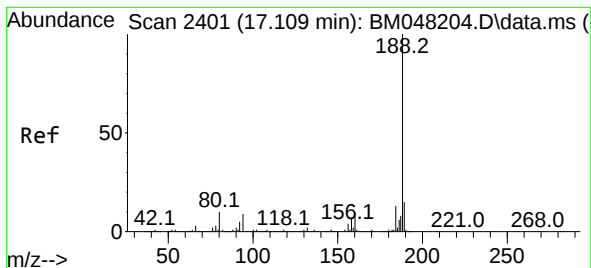
Tgt Ion:330 Resp: 602159
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 33.5 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 102.340 ng
RT: 12.986 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

Tgt Ion:172 Resp: 2305028
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.1 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.110 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM048209.D

Acq: 23 Oct 2024 18:25

Instrument :

BNA_M

ClientSampleId :

PB164286BL

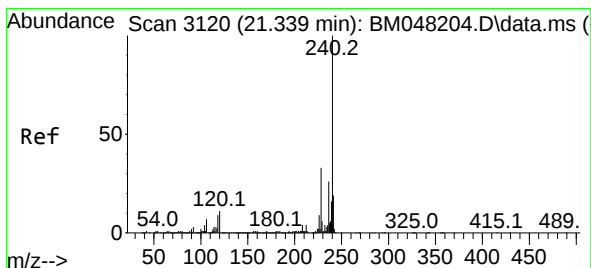
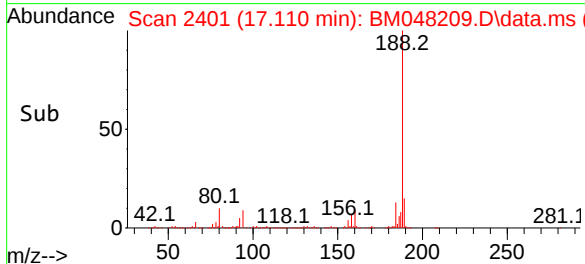
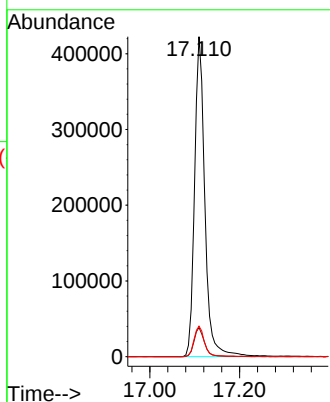
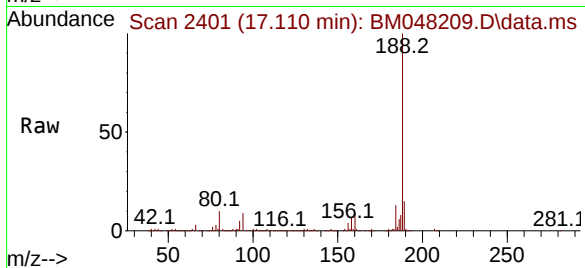
Tgt Ion:188 Resp: 674329

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

80 9.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM048209.D

Acq: 23 Oct 2024 18:25

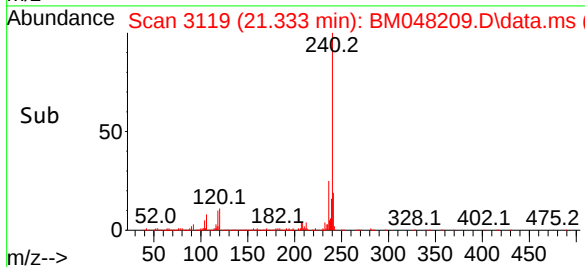
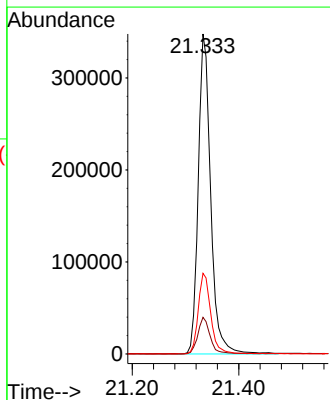
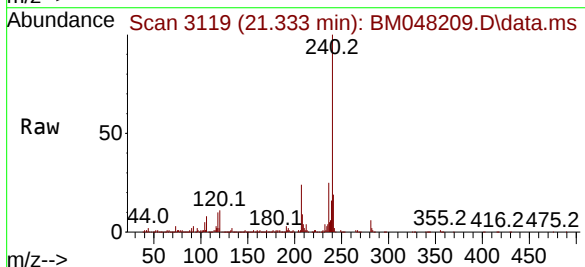
Tgt Ion:240 Resp: 563717

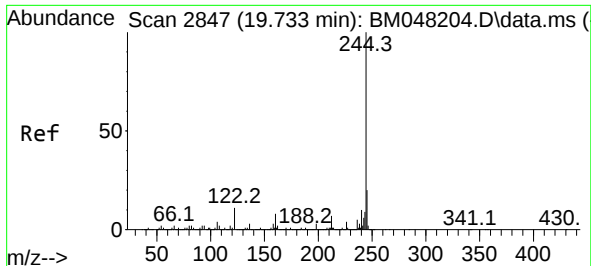
Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

236 25.2 20.7 31.1

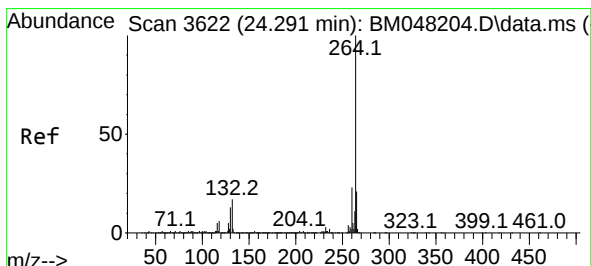
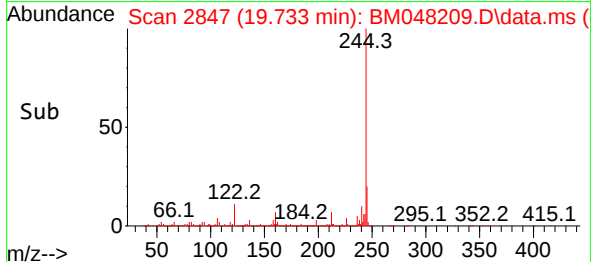
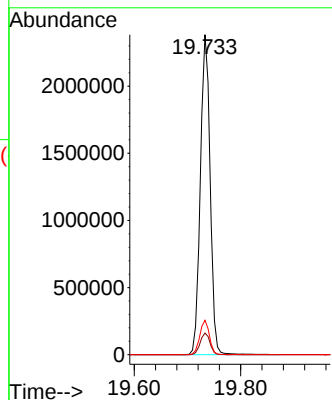
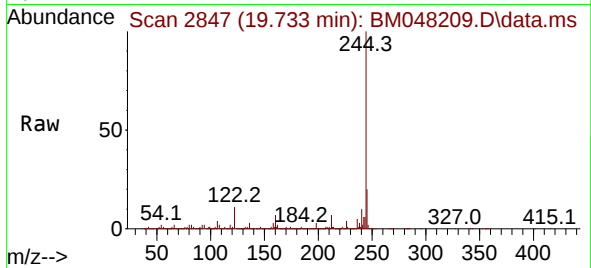




#79
 Terphenyl-d14
 Concen: 110.208 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM048209.D
 Acq: 23 Oct 2024 18:25

Instrument :
 BNA_M
 ClientSampleId :
 PB164286BL

Tgt Ion:244 Resp: 3044307
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.286 min Scan# 3621
 Delta R.T. -0.006 min
 Lab File: BM048209.D
 Acq: 23 Oct 2024 18:25

Tgt Ion:264 Resp: 638791
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 22.0 17.4 26.2

