

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047291.D
 Acq On : 21 Aug 2024 10:24
 Operator : RC/JU
 Sample : PB162815BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162815BL

Quant Time: Aug 21 11:20:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	288812	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1046018	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	672288	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1316236	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1042857	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1182809	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1892181	117.067	ng	0.00
7) Phenol-d6	6.575	99	2358897	105.915	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1563333	75.256	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	935826	120.050	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	3562373	81.737	ng	-0.02
79) Terphenyl-d14	19.445	244	4683352	96.229	ng	-0.02

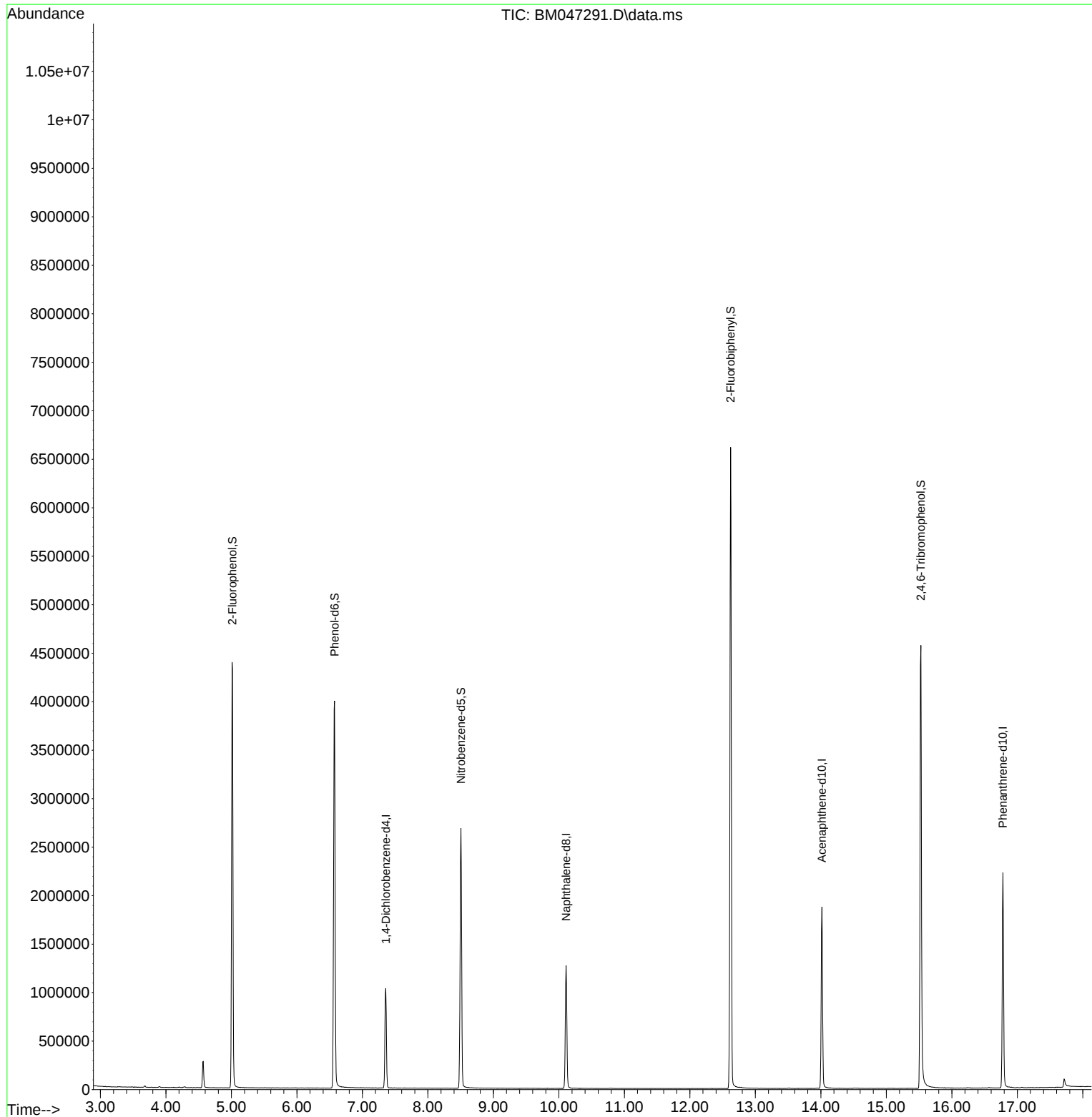
Target Compounds	Qvalue

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

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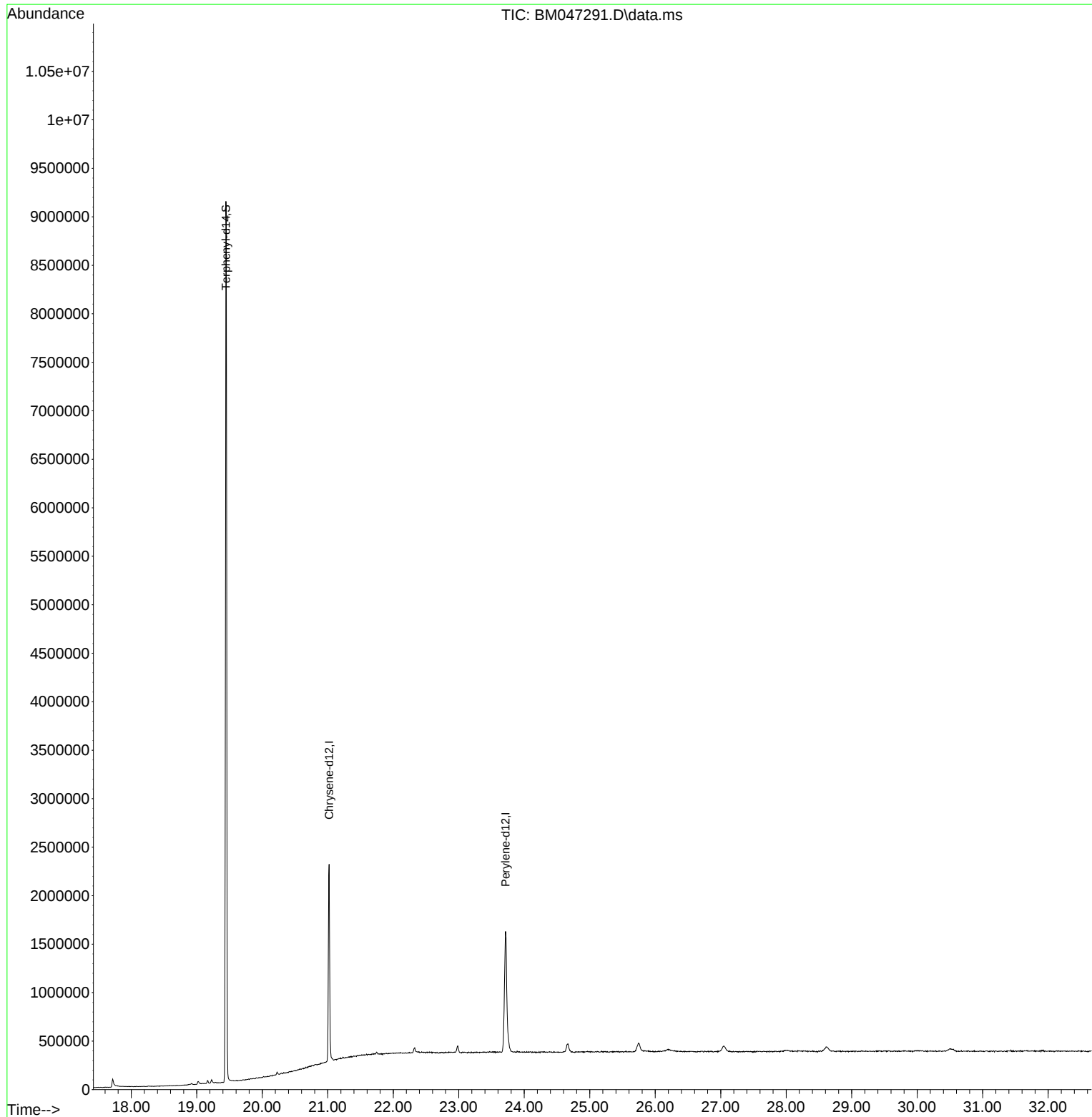
Quant Time: Aug 21 11:20:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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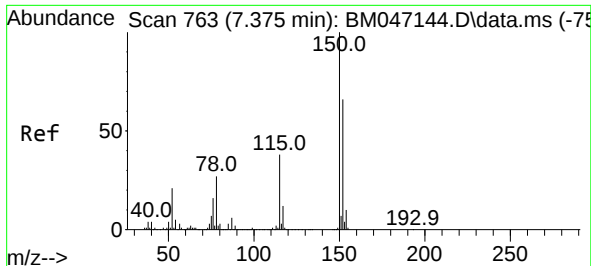


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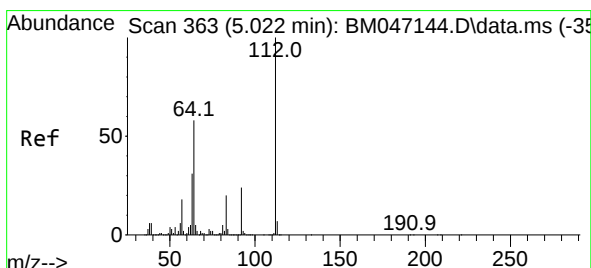
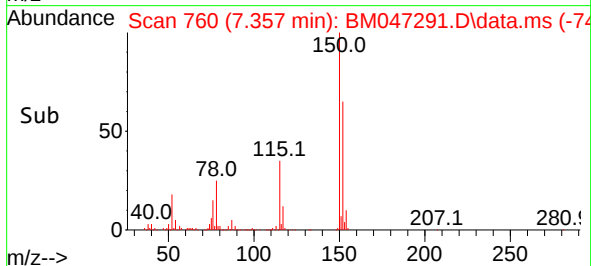
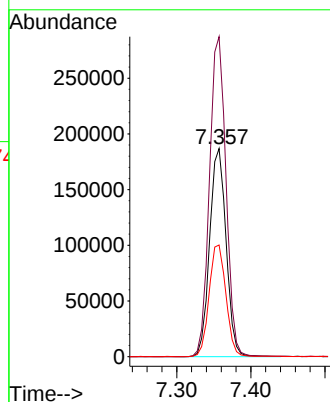
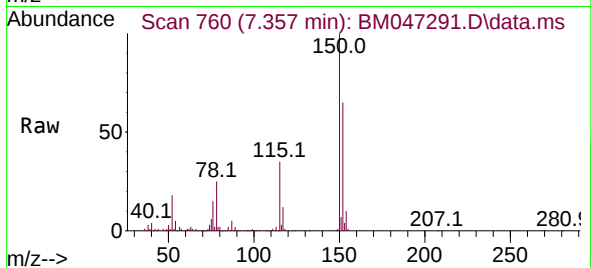




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

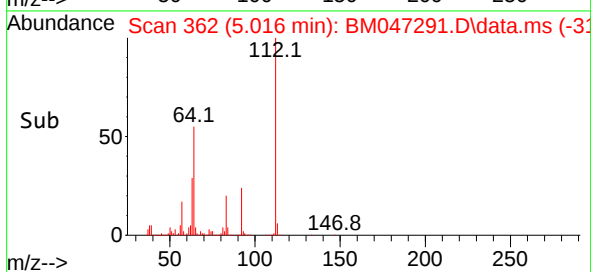
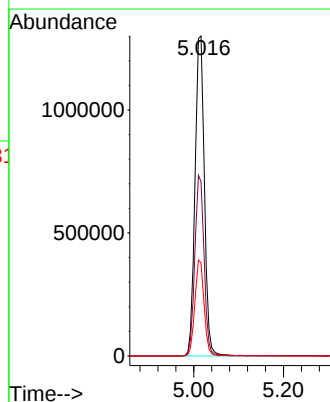
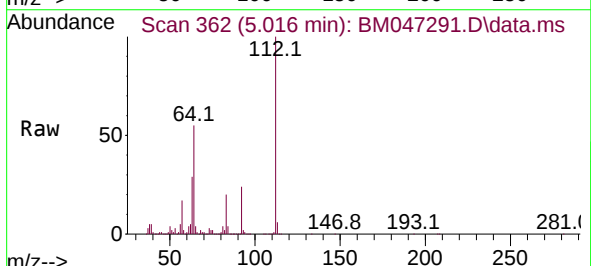
Instrument :
BNA_M
ClientSampleId :
PB162815BL

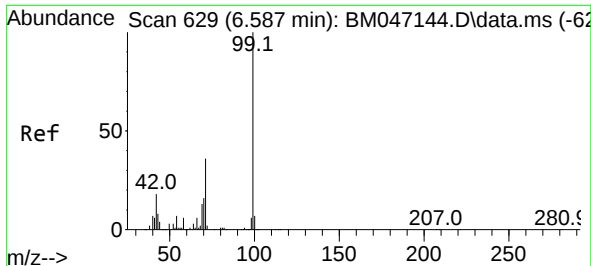
Tgt Ion:152 Resp: 288812
Ion Ratio Lower Upper
152 100
150 153.7 120.5 180.7
115 53.6 45.5 68.3



#5
2-Fluorophenol
Concen: 117.067 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

Tgt Ion:112 Resp: 1892181
Ion Ratio Lower Upper
112 100
64 54.5 46.7 70.1
63 29.1 24.8 37.2



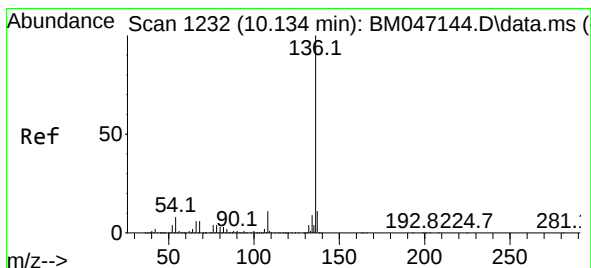
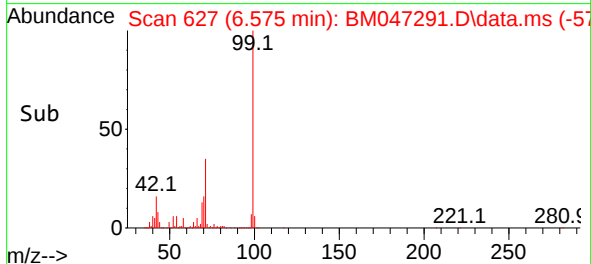
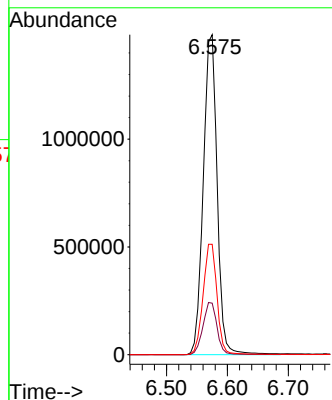
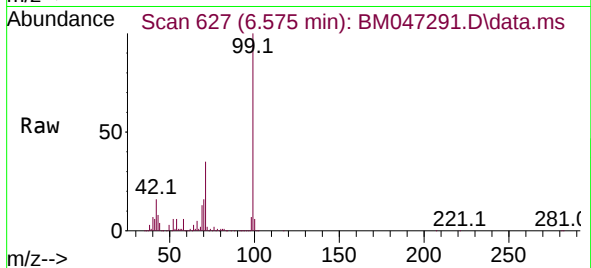


#7
Phenol-d6
Concen: 105.915 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

Instrument :
BNA_M
ClientSampleId :
PB162815BL

Tgt Ion: 99 Resp: 2358897

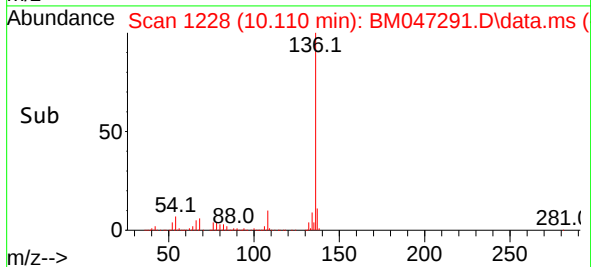
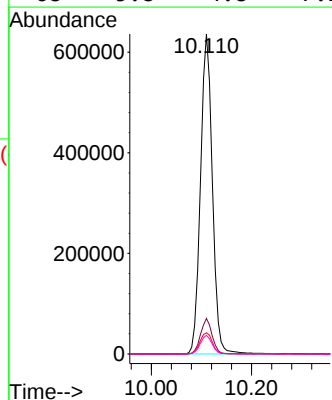
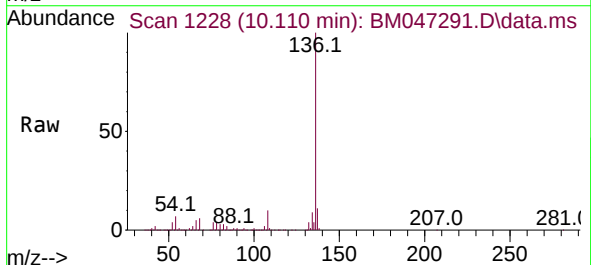
Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	34.5	28.5	42.7

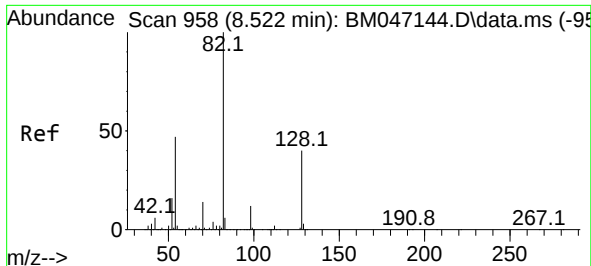


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

Tgt Ion: 136 Resp: 1046018

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.6	6.0	9.0
68	5.8	4.8	7.2

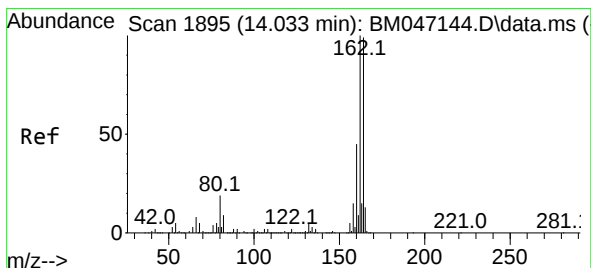
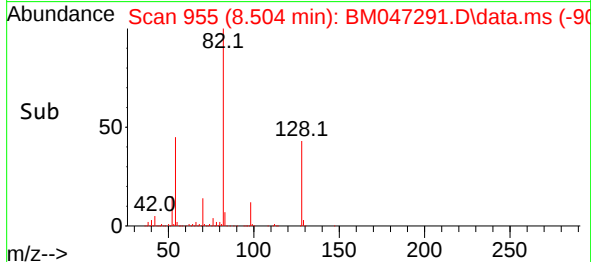
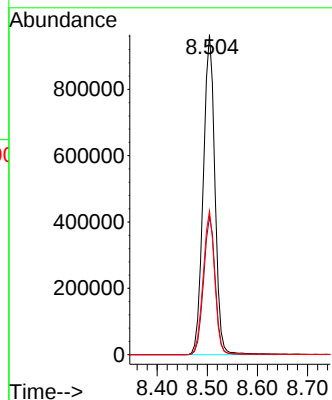
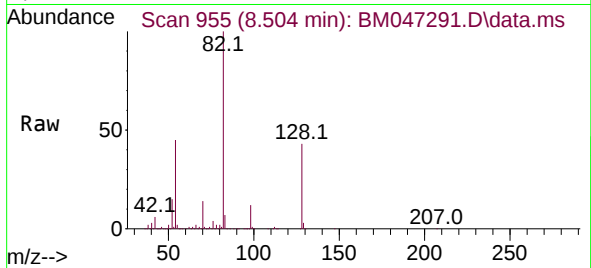




#23
Nitrobenzene-d5
Concen: 75.256 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

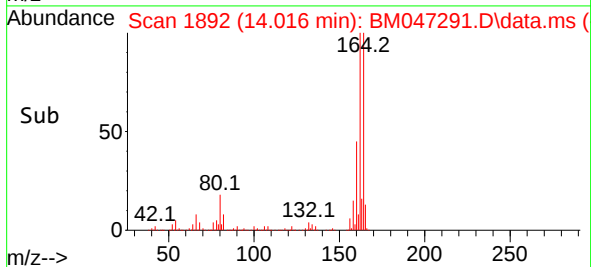
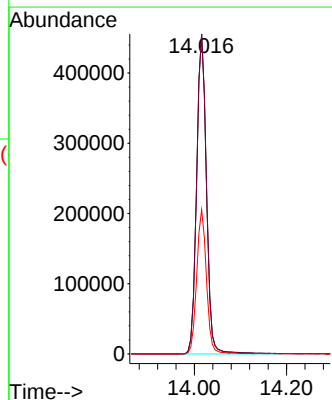
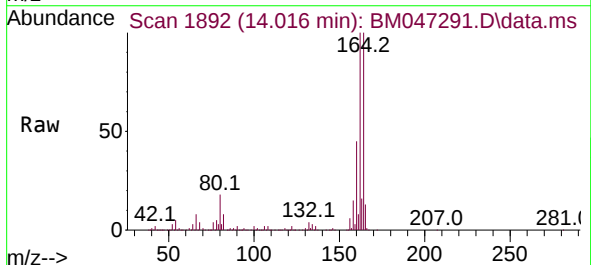
Instrument :
BNA_M
ClientSampleId :
PB162815BL

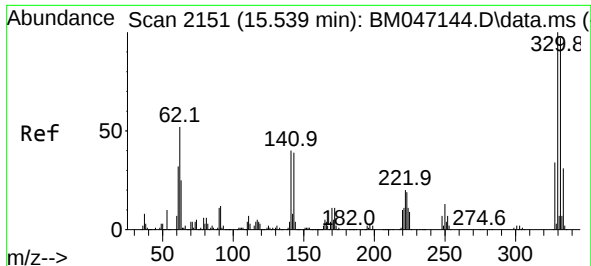
Tgt Ion: 82 Resp: 1563333
Ion Ratio Lower Upper
82 100
128 43.1 32.3 48.5
54 44.9 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

Tgt Ion:164 Resp: 672288
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 45.1 36.0 54.0

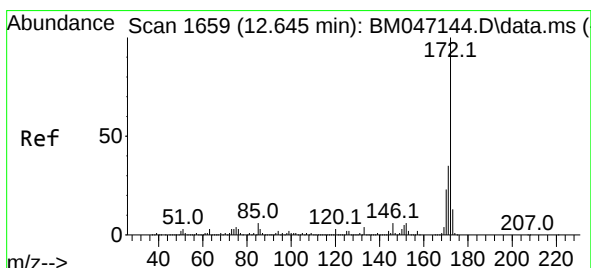
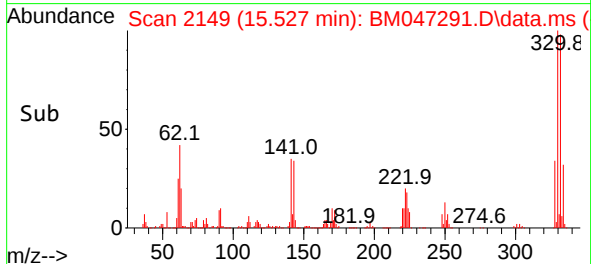
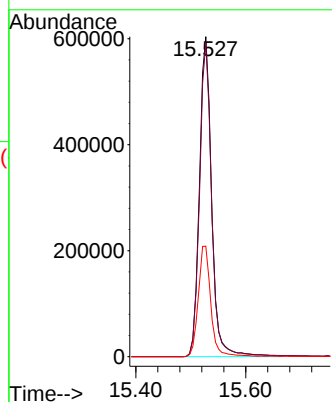
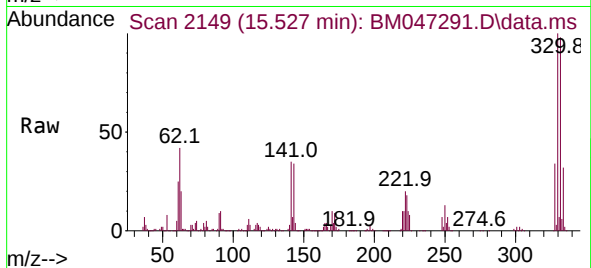




#42
2,4,6-Tribromophenol
Concen: 120.050 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

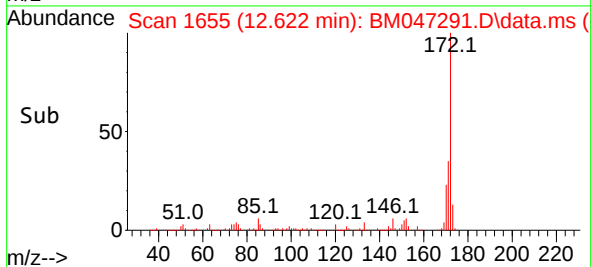
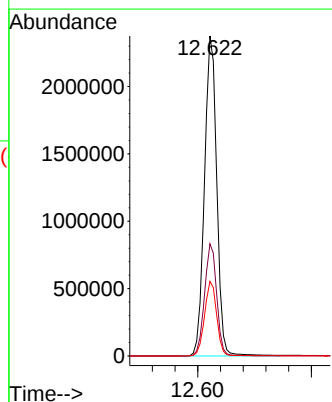
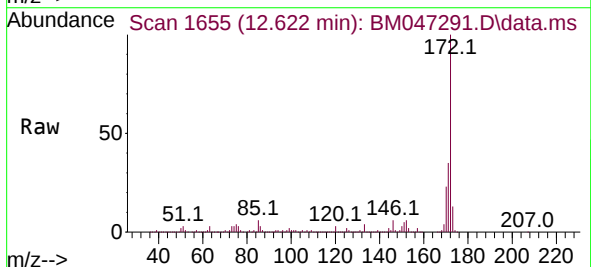
Instrument :
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ClientSampleId :
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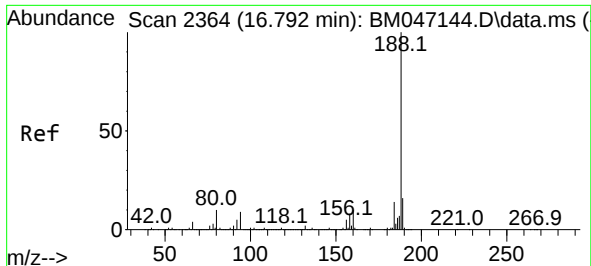
Tgt Ion:330 Resp: 935826
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.2
141 35.7 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 81.737 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

Tgt Ion:172 Resp: 3562373
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.3 18.7 28.1

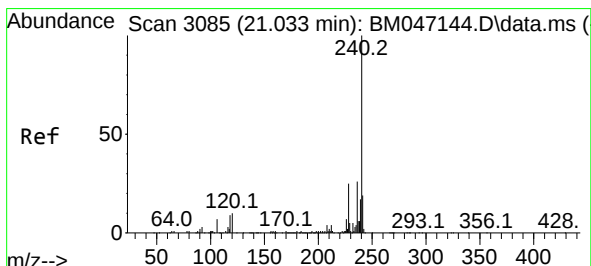
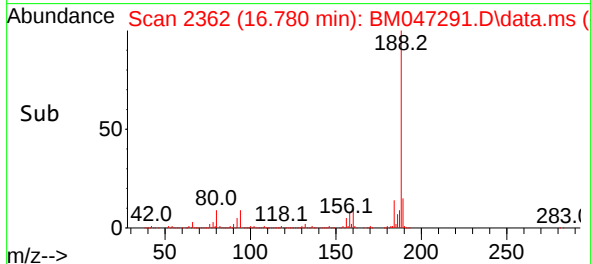
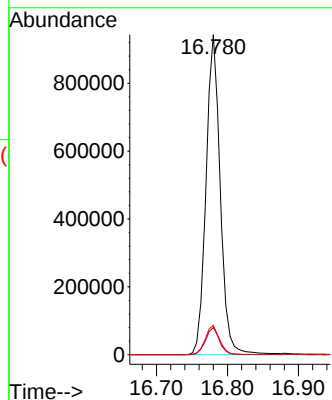
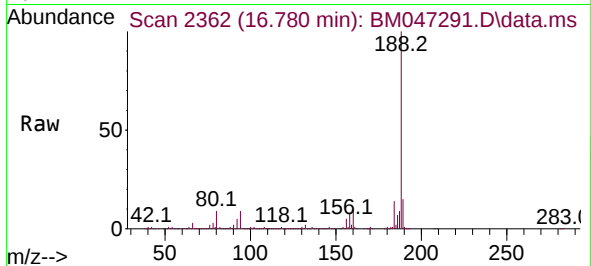




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

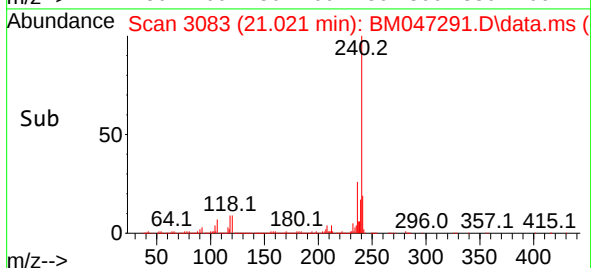
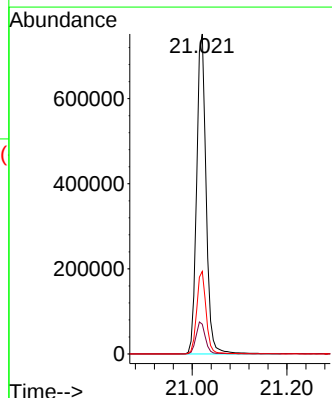
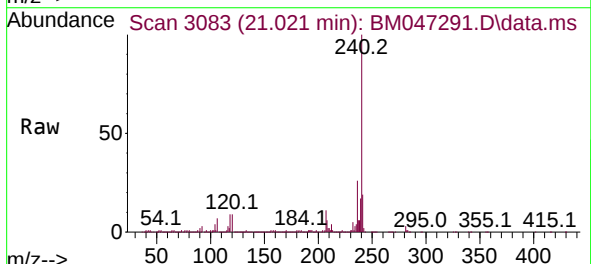
Instrument :
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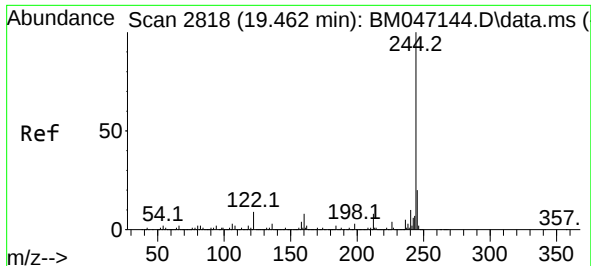
Tgt Ion:188 Resp: 1316236
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.2 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047291.D
Acq: 21 Aug 2024 10:24

Tgt Ion:240 Resp: 1042857
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 25.8 20.6 30.8

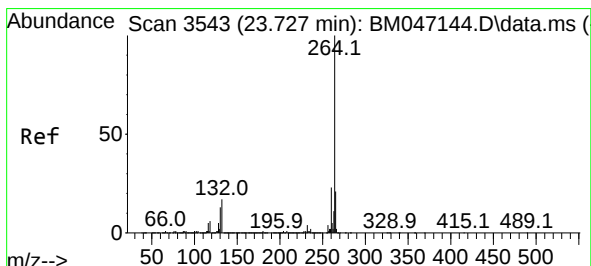
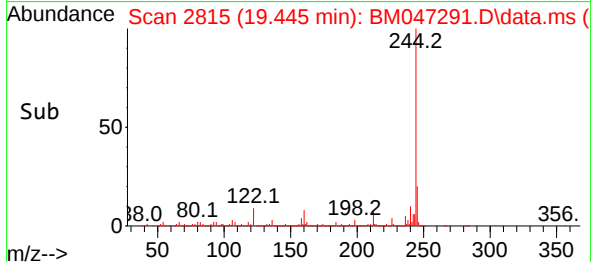
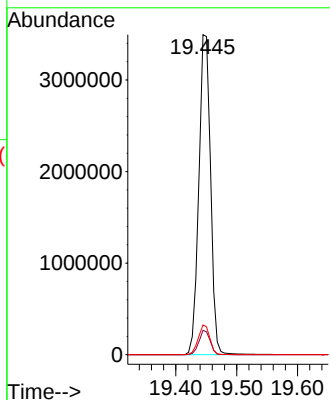
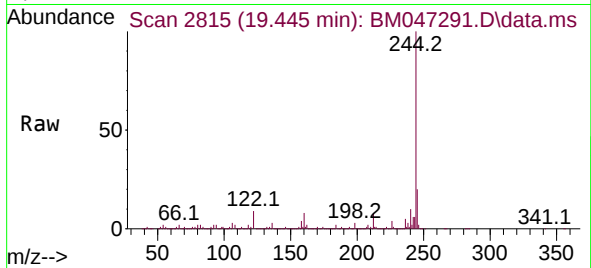




#79
 Terphenyl-d14
 Concen: 96.229 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047291.D
 Acq: 21 Aug 2024 10:24

Instrument :
 BNA_M
 ClientSampleId :
 PB162815BL

Tgt Ion:244 Resp: 4683352
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3541
 Delta R.T. -0.012 min
 Lab File: BM047291.D
 Acq: 21 Aug 2024 10:24

Tgt Ion:264 Resp: 1182809
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 21.4 17.3 25.9

