

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047218.D
 Acq On : 15 Aug 2024 16:52
 Operator : RC/JU
 Sample : P3518-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-02-080724

Quant Time: Aug 15 18:08:34 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)

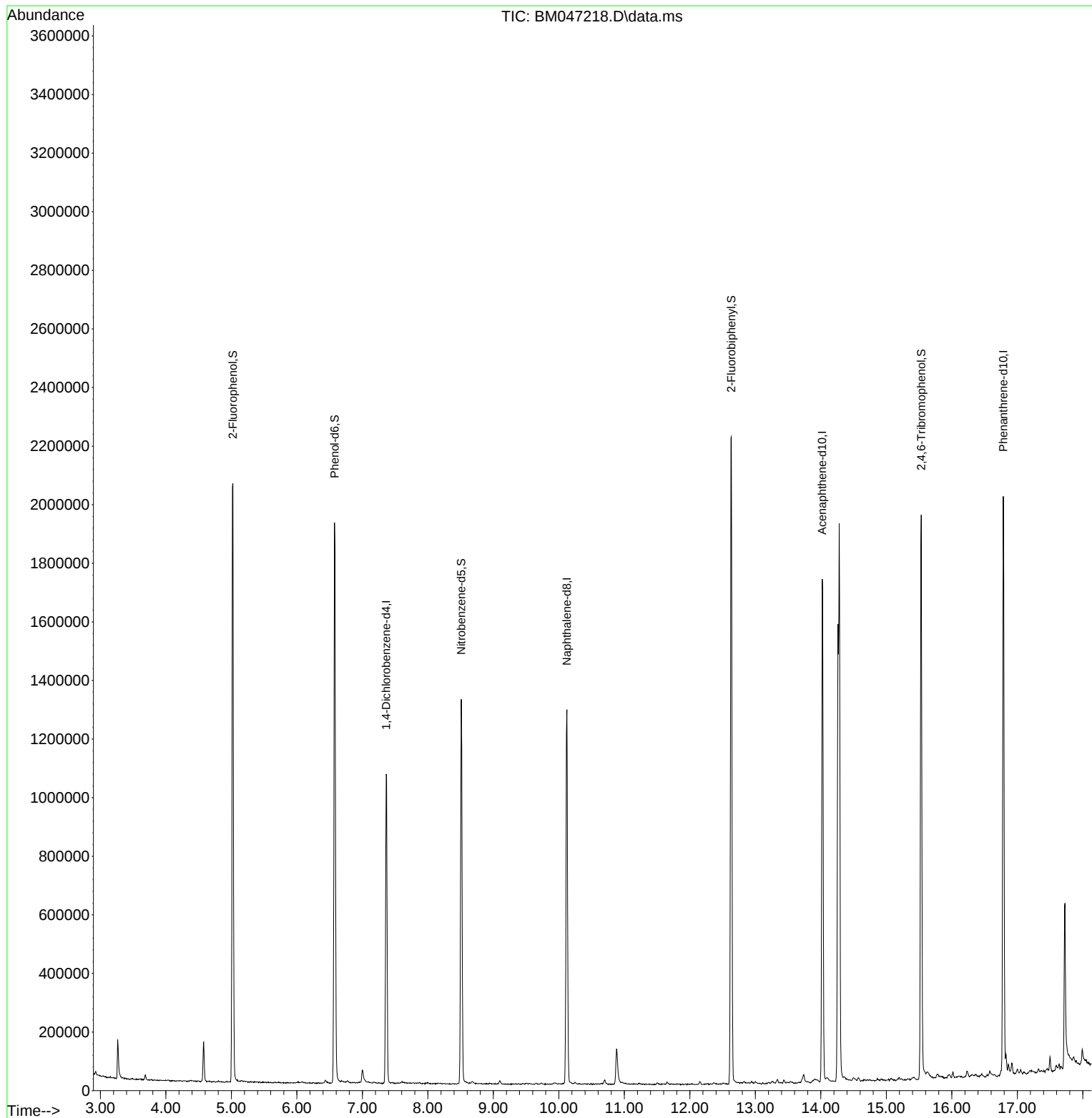
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	295298	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1050831	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	616425	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1186484	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1004488	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1141754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	867445	52.489	ng	0.00
7) Phenol-d6	6.575	99	1084332	47.617	ng	-0.01
23) Nitrobenzene-d5	8.510	82	736807	35.306	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	360296	50.408	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1227064	30.706	ng	-0.01
79) Terphenyl-d14	19.451	244	1335906	28.497	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.528	77	350	Below Cal	Qvalue #	37

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

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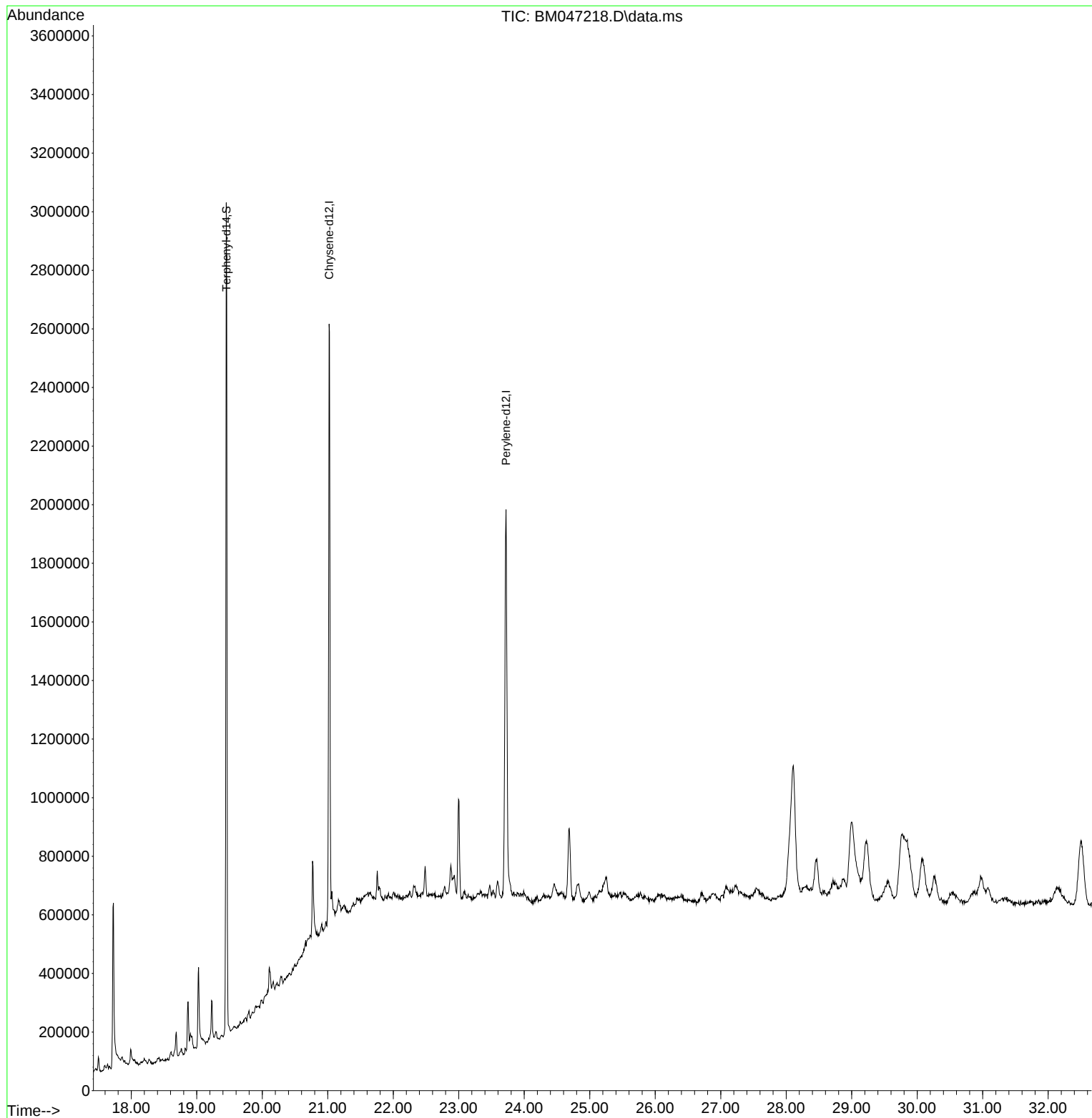
Quant Time: Aug 15 18:08:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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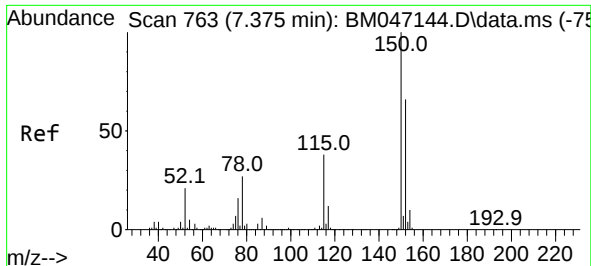


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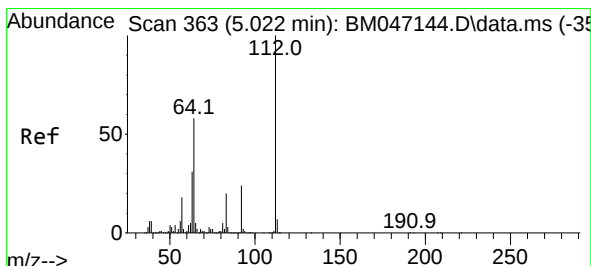
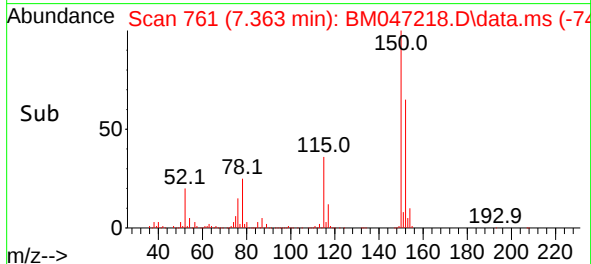
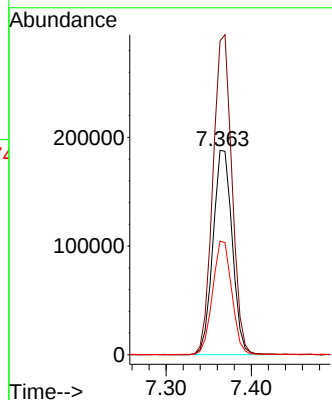
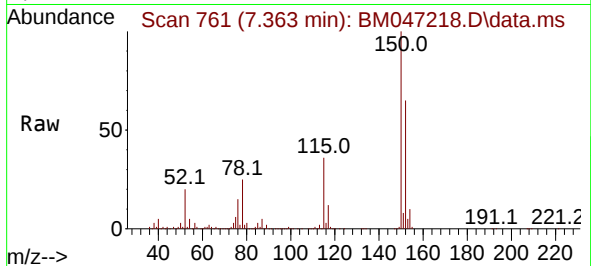




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 763
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

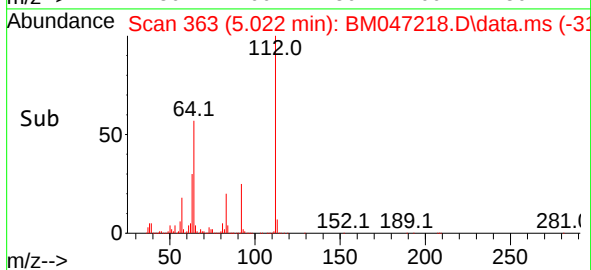
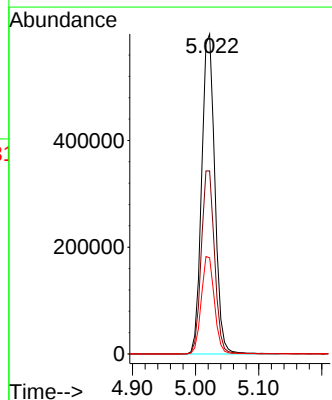
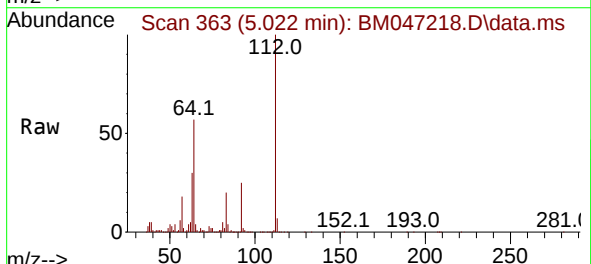
Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

Tgt Ion:152 Resp: 295298
Ion Ratio Lower Upper
152 100
150 153.6 120.5 180.7
115 55.6 45.5 68.3



#5
2-Fluorophenol
Concen: 52.489 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

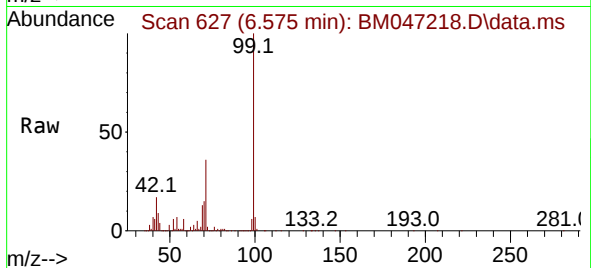
Tgt Ion:112 Resp: 867445
Ion Ratio Lower Upper
112 100
64 57.2 46.7 70.1
63 30.0 24.8 37.2





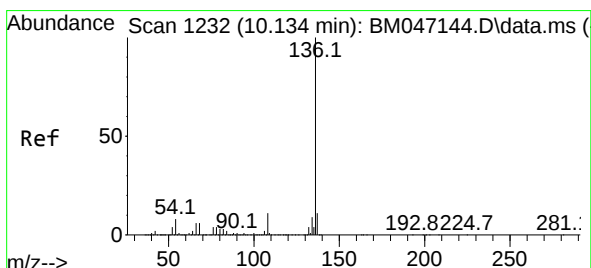
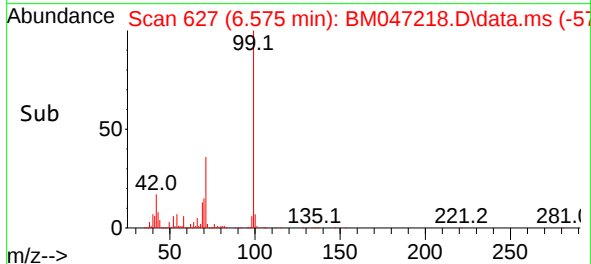
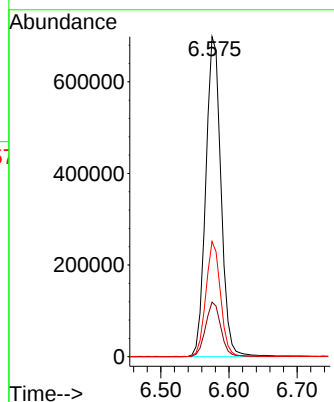
#7
Phenol-d6
Concen: 47.617 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724



Tgt Ion: 99 Resp: 1084332

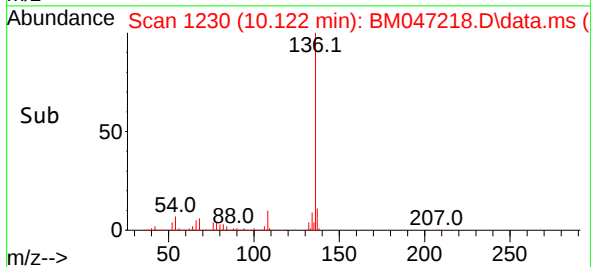
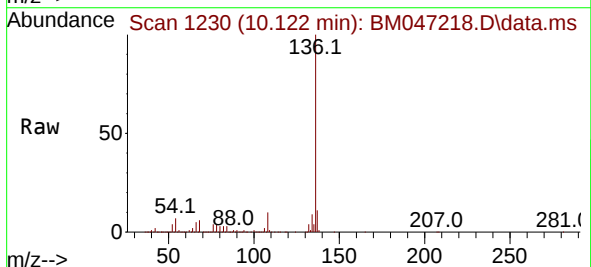
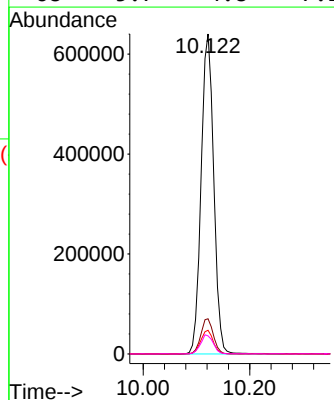
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	36.0	28.5	42.7

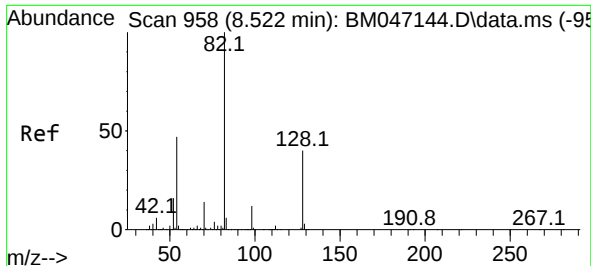


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Tgt Ion: 136 Resp: 1050831

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.0	9.0
68	5.7	4.8	7.2

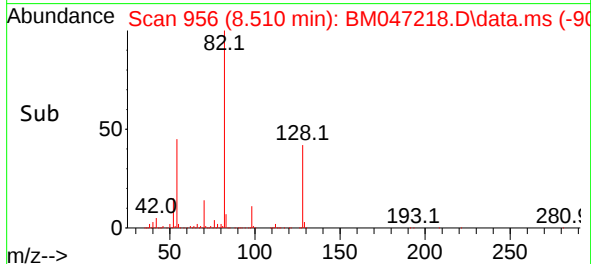
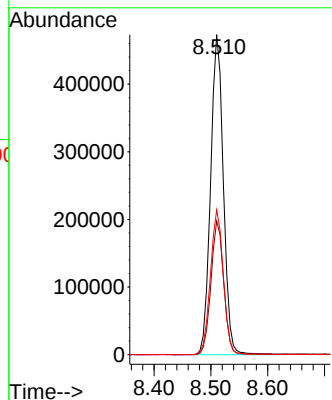
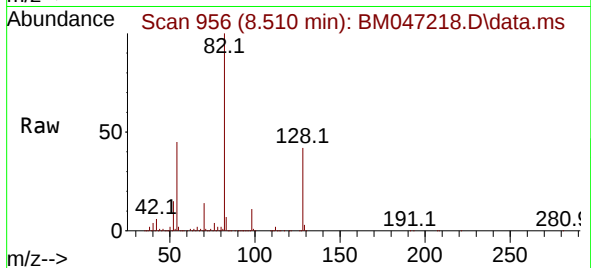




#23
Nitrobenzene-d5
Concen: 35.306 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

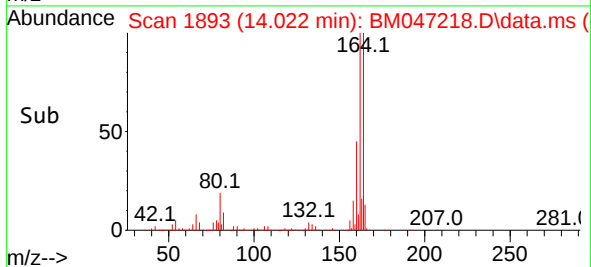
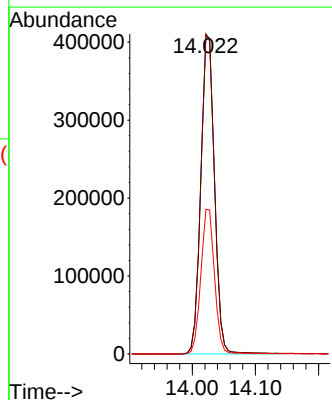
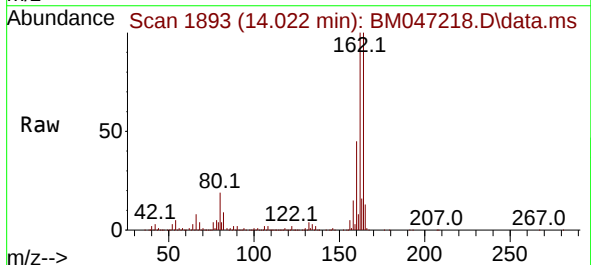
Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

Tgt Ion: 82 Resp: 736807
Ion Ratio Lower Upper
82 100
128 41.7 32.3 48.5
54 45.2 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Tgt Ion: 164 Resp: 616425
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 45.3 36.0 54.0

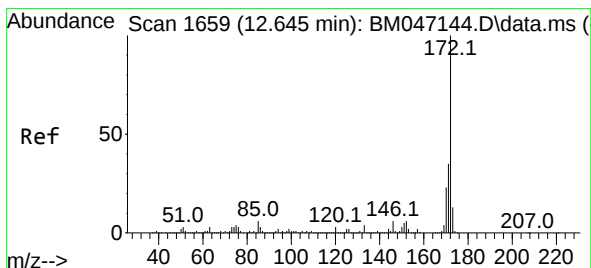
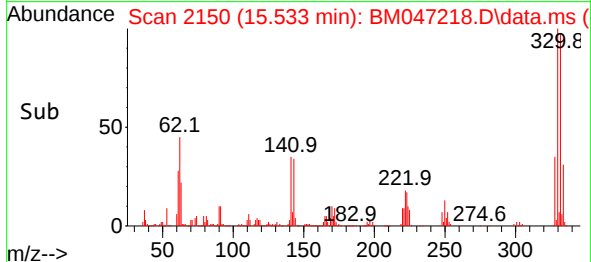
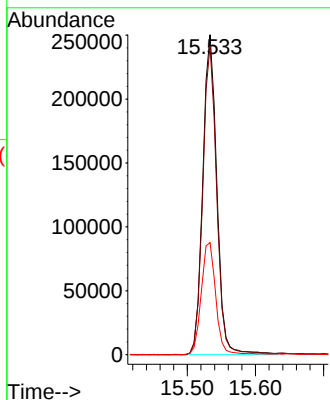
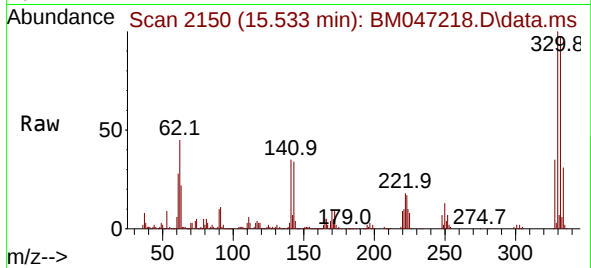




#42
2,4,6-Tribromophenol
Concen: 50.408 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

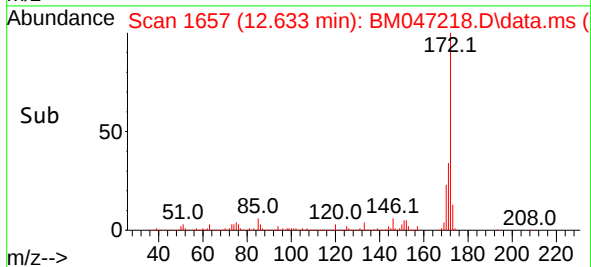
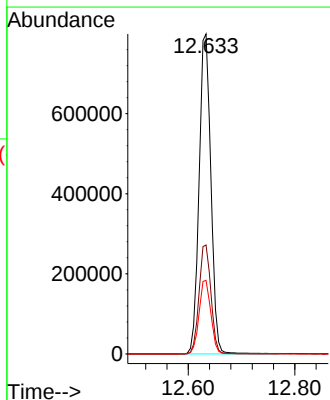
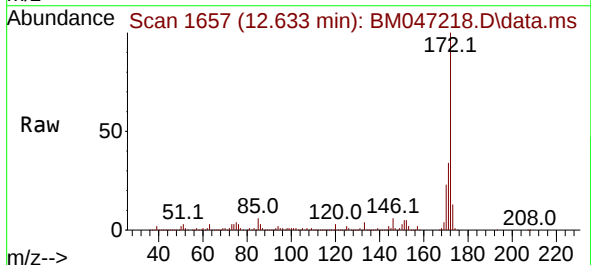
Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

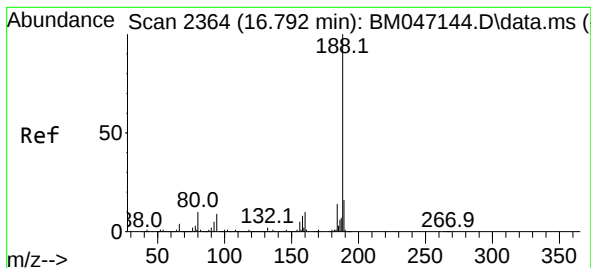
Tgt Ion:330 Resp: 360296
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.2
141 36.3 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 30.706 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Tgt Ion:172 Resp: 1227064
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047218.D

Acq: 15 Aug 2024 16:52

Instrument :

BNA_M

ClientSampleId :

OU4-TS-02-080724

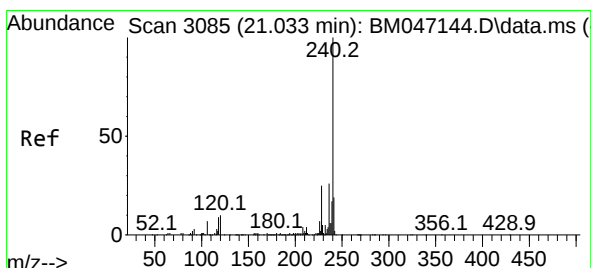
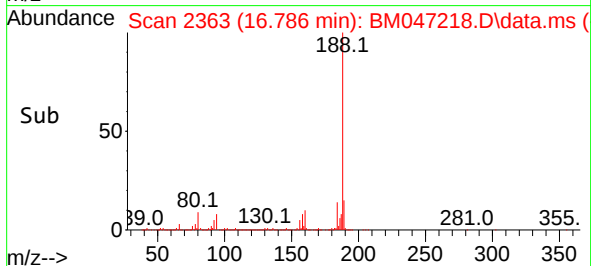
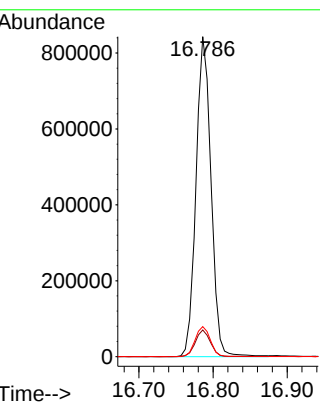
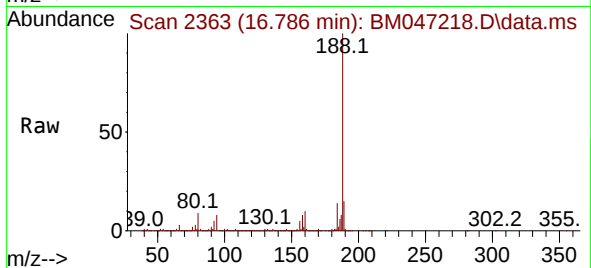
Tgt Ion:188 Resp: 1186484

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.4 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: BM047218.D

Acq: 15 Aug 2024 16:52

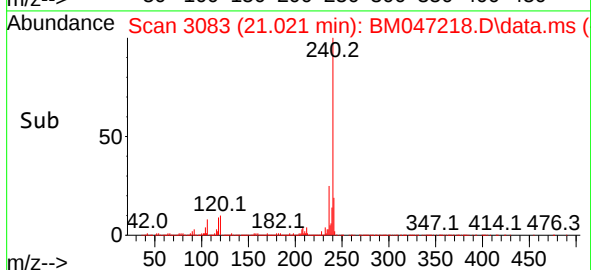
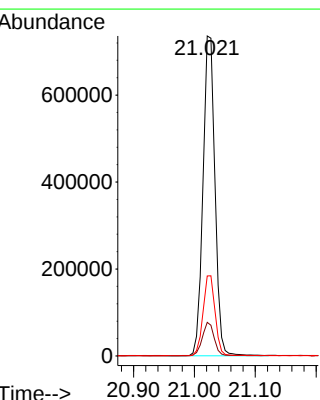
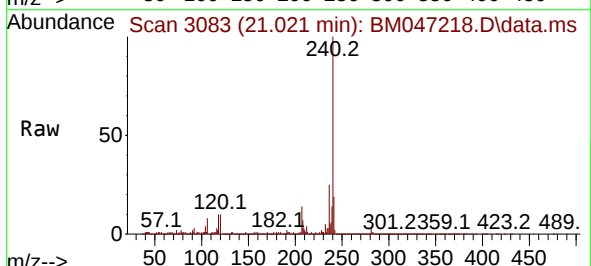
Tgt Ion:240 Resp: 1004488

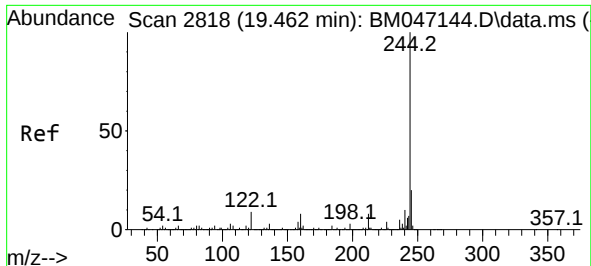
Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

236 25.0 20.6 30.8

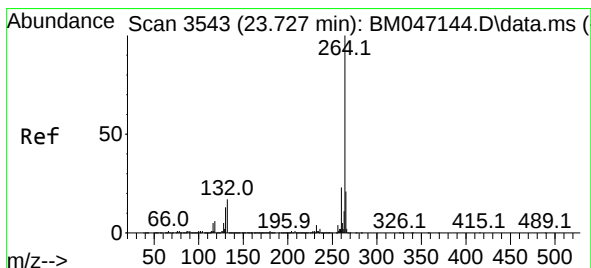
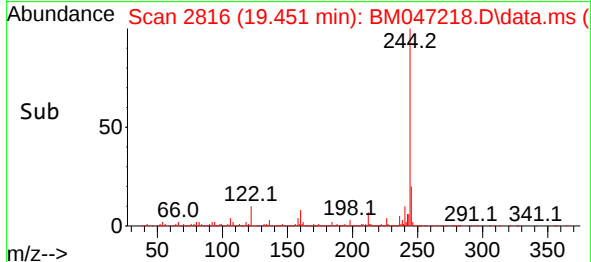
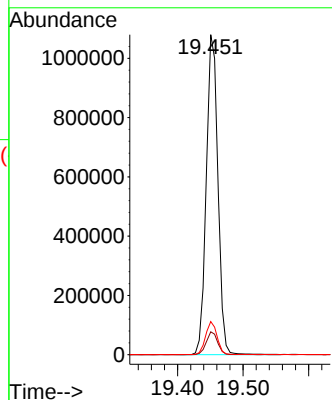
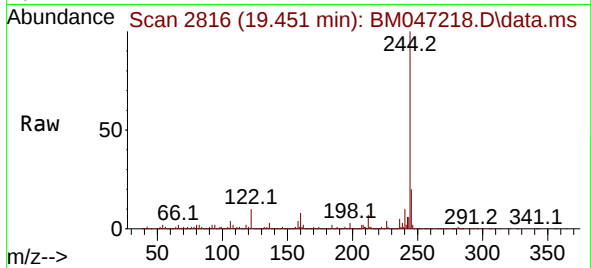




#79
 Terphenyl-d14
 Concen: 28.497 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047218.D
 Acq: 15 Aug 2024 16:52

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-02-080724

Tgt Ion:244 Resp: 1335906
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 10.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3542
 Delta R.T. -0.006 min
 Lab File: BM047218.D
 Acq: 15 Aug 2024 16:52

Tgt Ion:264 Resp: 1141754
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.3 17.3 25.9

