

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047216.D
 Acq On : 15 Aug 2024 15:31
 Operator : RC/JU
 Sample : P3519-29
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-CF-07-080624

Quant Time: Aug 15 16:16:03 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	7.369	152	318581	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1161569	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	686195	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1313472	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1122785	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1268058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1098278	61.600	ng	0.00
7) Phenol-d6	6.575	99	1433112	58.334	ng	-0.01
23) Nitrobenzene-d5	8.510	82	907314	39.331	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	474730	59.665	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1687048	37.924	ng	-0.01
79) Terphenyl-d14	19.451	244	2219412	42.356	ng	-0.01

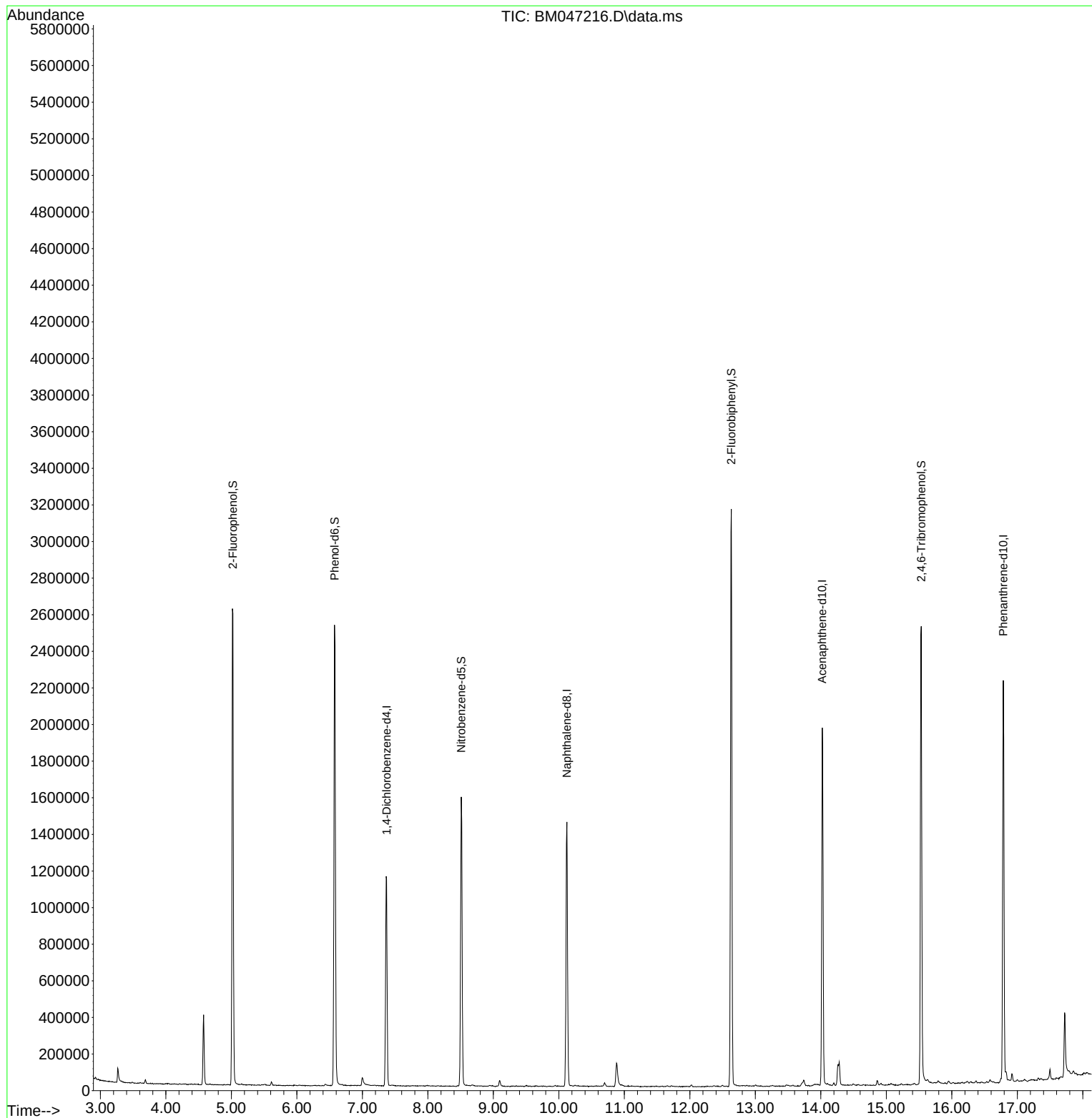
Target Compounds	Qvalue

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

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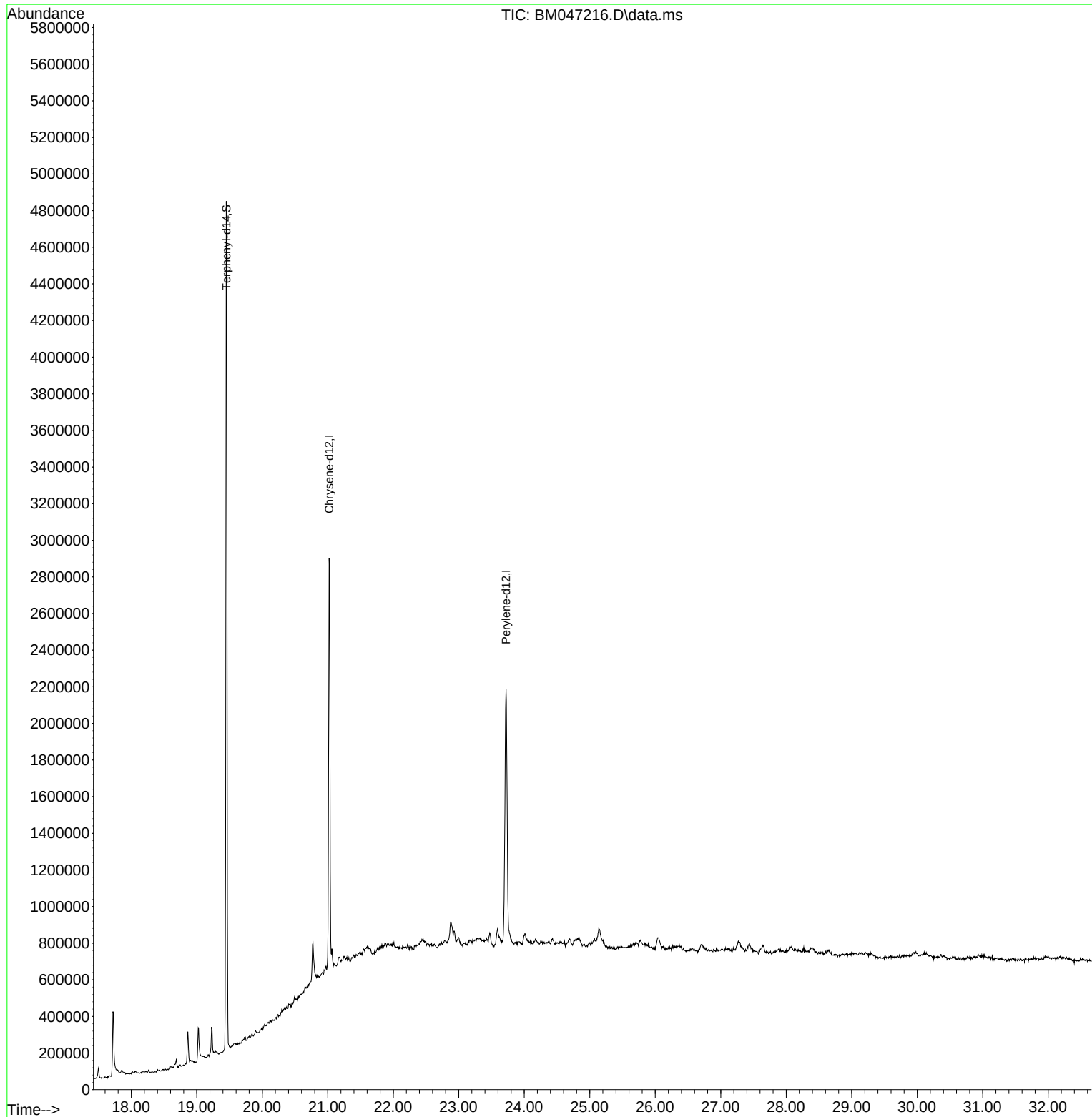
Quant Time: Aug 15 16:16:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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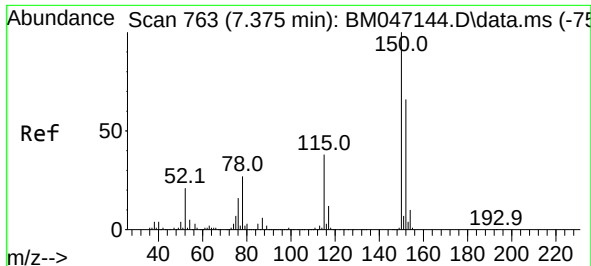


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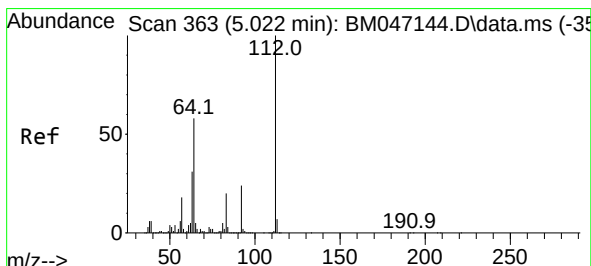
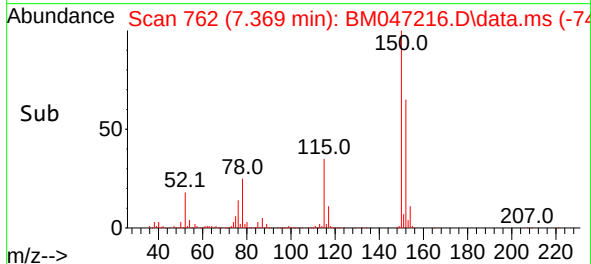
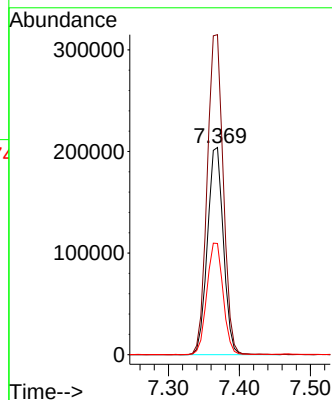
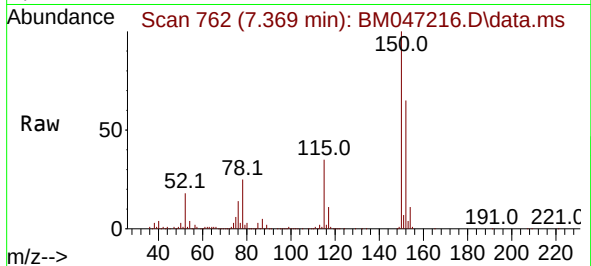




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM047216.D
Acq: 15 Aug 2024 15:31

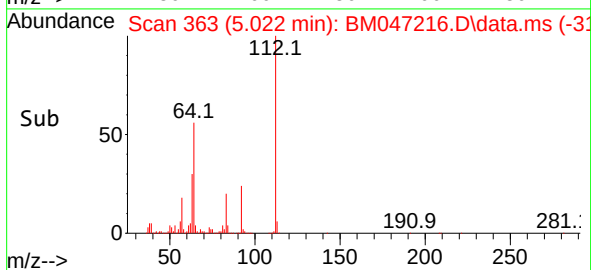
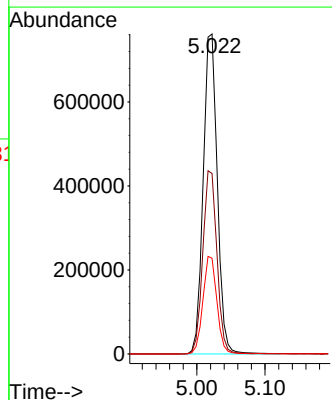
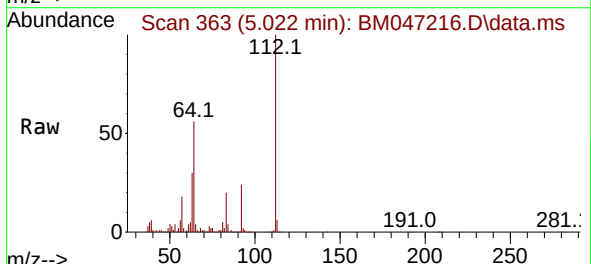
Instrument :
BNA_M
ClientSampleId :
OU4-CF-07-080624

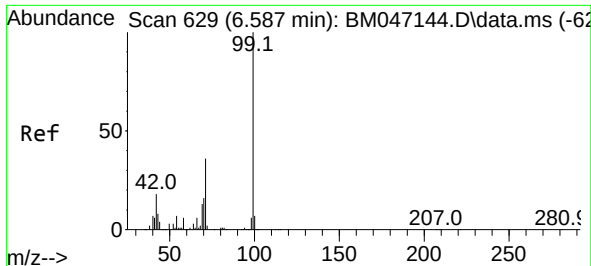
Tgt Ion:152 Resp: 318581
Ion Ratio Lower Upper
152 100
150 154.4 120.5 180.7
115 53.6 45.5 68.3



#5
2-Fluorophenol
Concen: 61.600 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047216.D
Acq: 15 Aug 2024 15:31

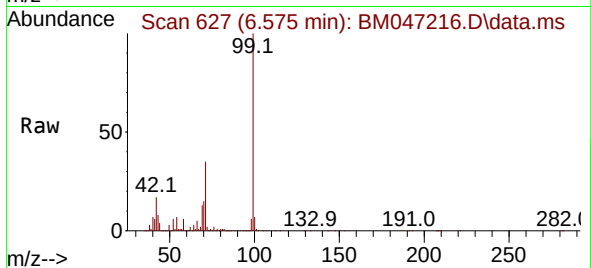
Tgt Ion:112 Resp: 1098278
Ion Ratio Lower Upper
112 100
64 56.4 46.7 70.1
63 29.9 24.8 37.2





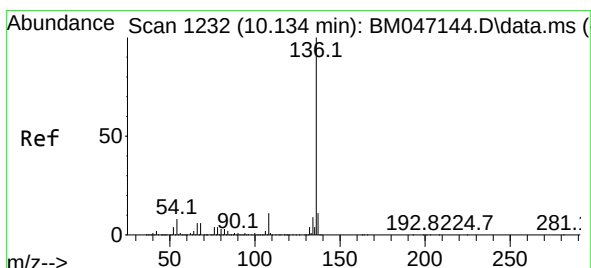
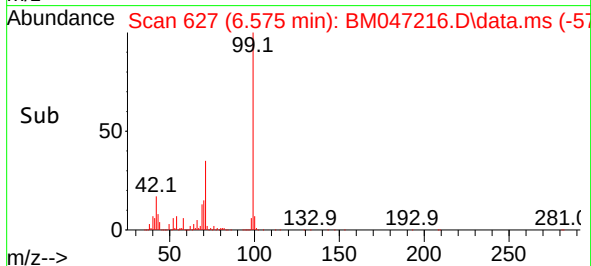
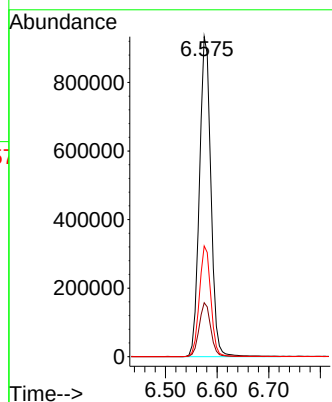
#7
Phenol-d6
Concen: 58.334 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047216.D
Acq: 15 Aug 2024 15:31

Instrument :
BNA_M
ClientSampleId :
OU4-CF-07-080624



Tgt Ion: 99 Resp: 1433112

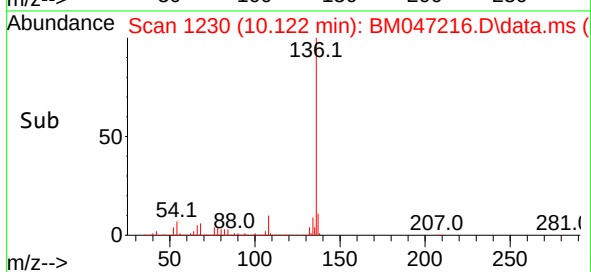
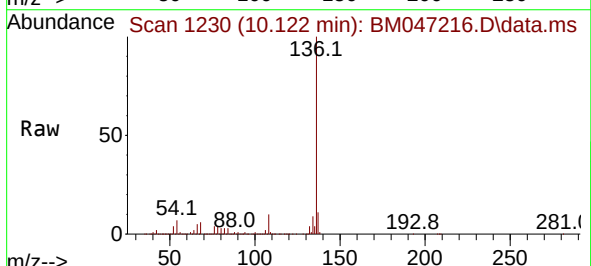
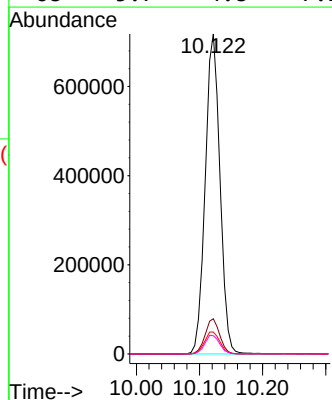
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	34.6	28.5	42.7

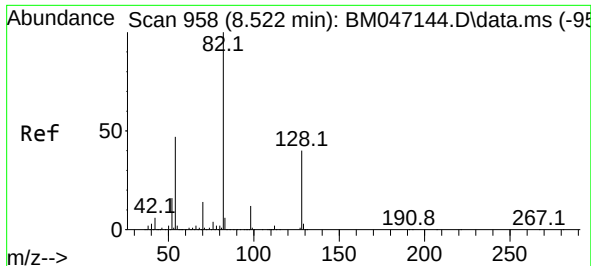


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047216.D
Acq: 15 Aug 2024 15:31

Tgt Ion: 136 Resp: 1161569

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	6.0	9.0
68	5.7	4.8	7.2

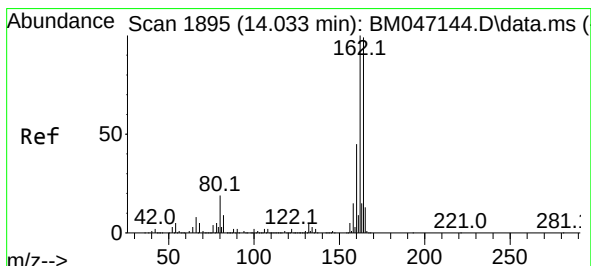
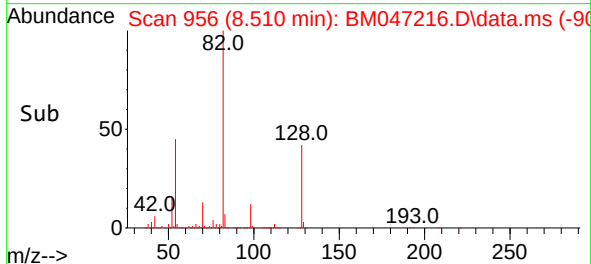
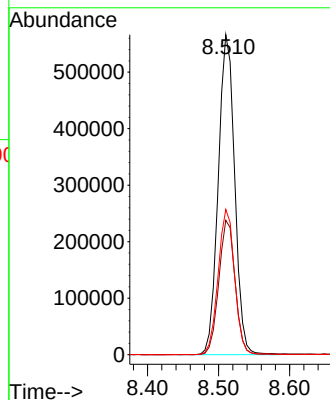
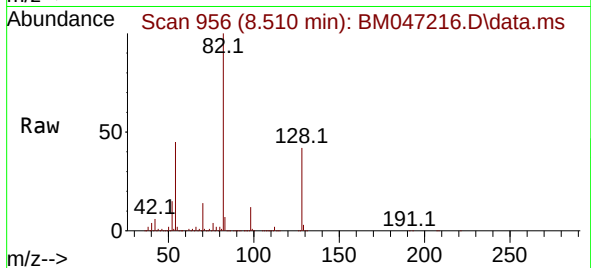




#23
Nitrobenzene-d5
Concen: 39.331 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047216.D
Acq: 15 Aug 2024 15:31

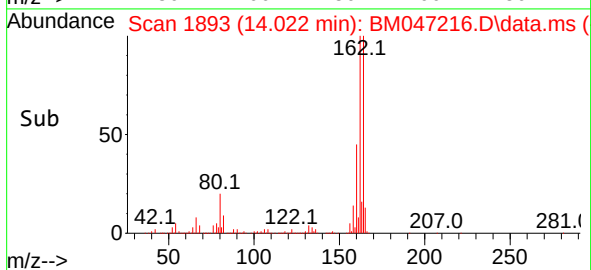
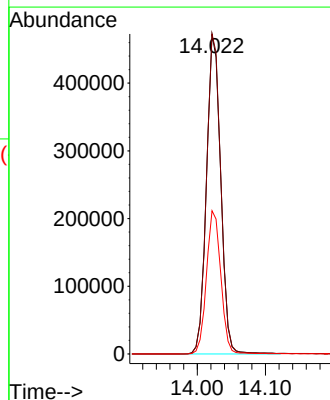
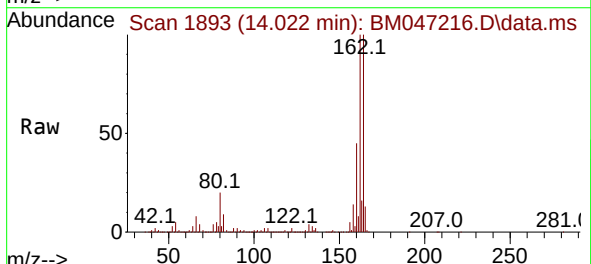
Instrument :
BNA_M
ClientSampleId :
OU4-CF-07-080624

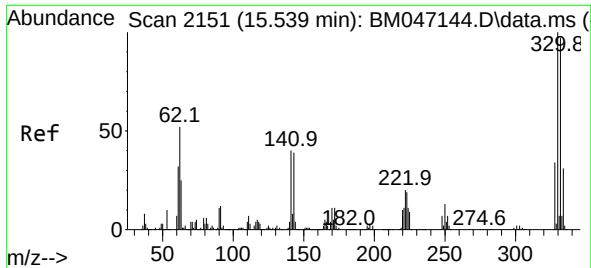
Tgt Ion: 82 Resp: 907314
Ion Ratio Lower Upper
82 100
128 42.0 32.3 48.5
54 45.4 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047216.D
Acq: 15 Aug 2024 15:31

Tgt Ion: 164 Resp: 686195
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 44.9 36.0 54.0

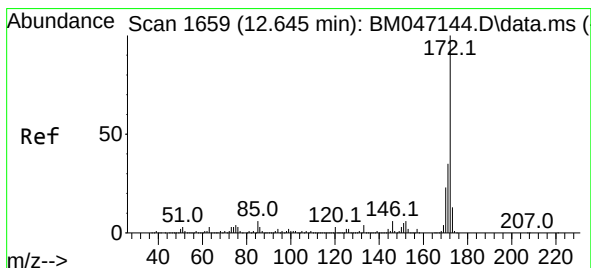
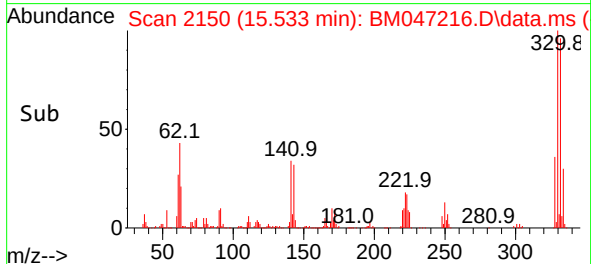
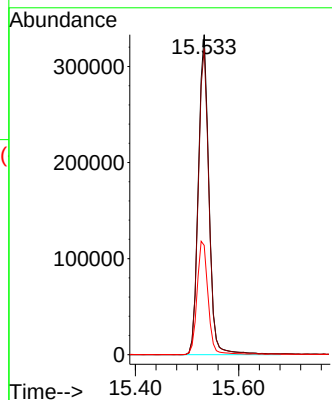
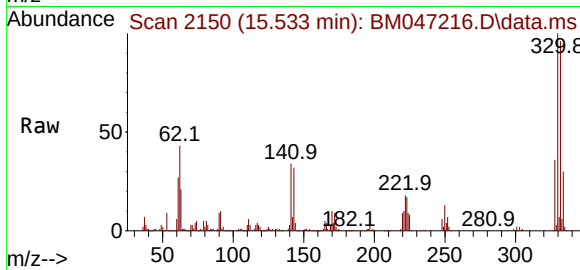




#42
2,4,6-Tribromophenol
Concen: 59.665 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047216.D
Acq: 15 Aug 2024 15:31

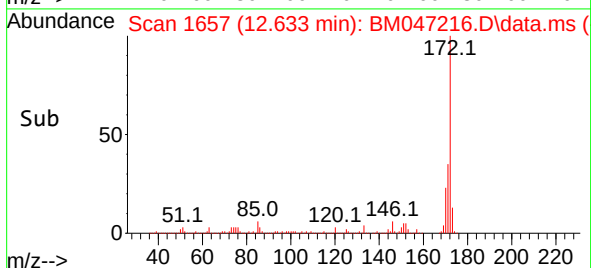
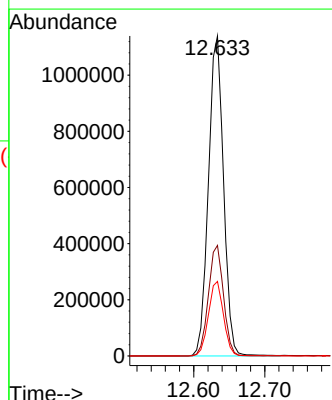
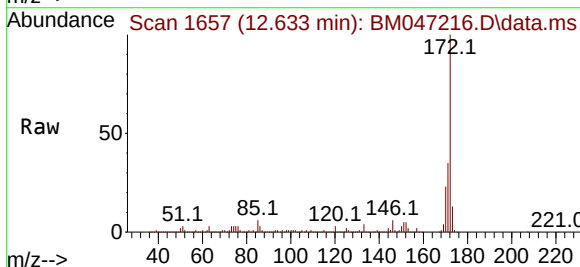
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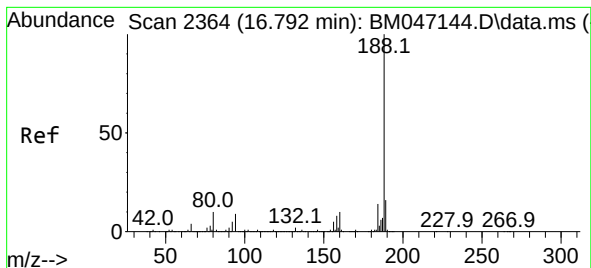
Tgt Ion:330 Resp: 474730
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 36.8 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 37.924 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047216.D
Acq: 15 Aug 2024 15:31

Tgt Ion:172 Resp: 1687048
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.3 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: BM047216.D

Acq: 15 Aug 2024 15:31

Instrument :

BNA_M

ClientSampleId :

OU4-CF-07-080624

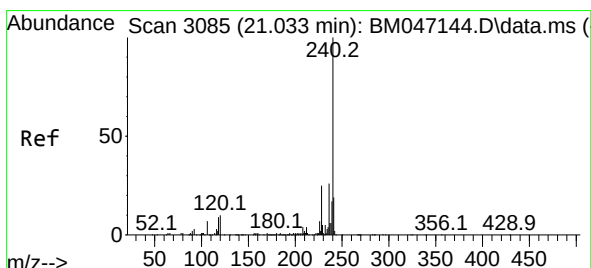
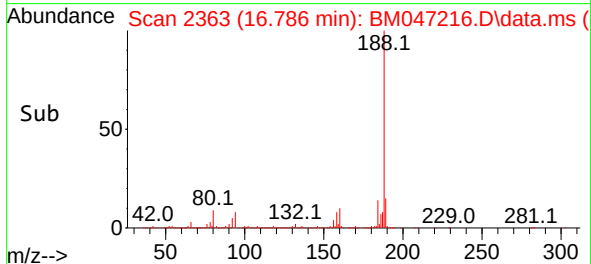
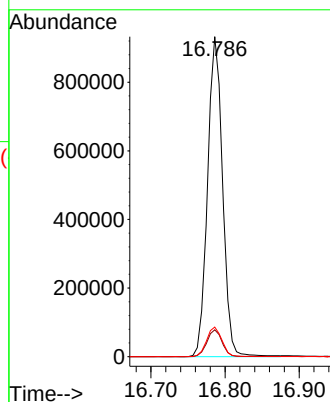
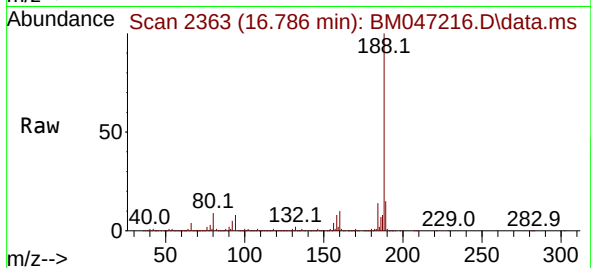
Tgt Ion:188 Resp: 1313472

Ion Ratio Lower Upper

188 100

94 8.4 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: BM047216.D

Acq: 15 Aug 2024 15:31

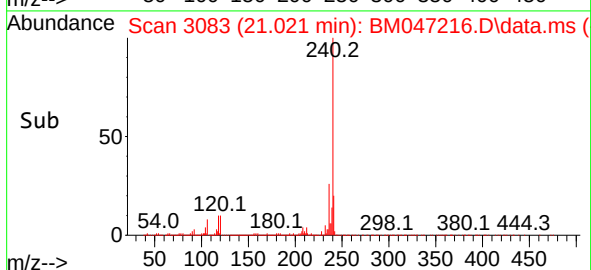
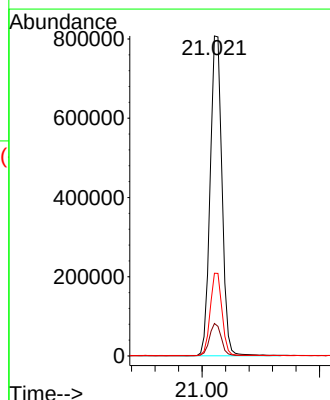
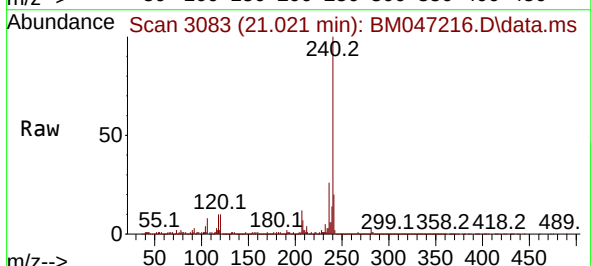
Tgt Ion:240 Resp: 1122785

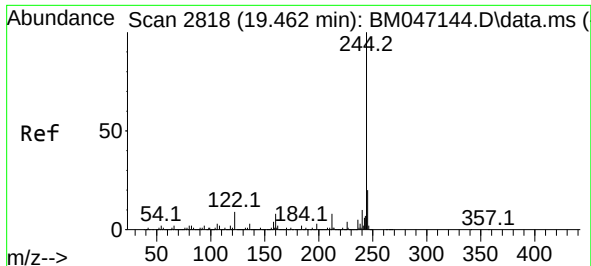
Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

236 25.8 20.6 30.8

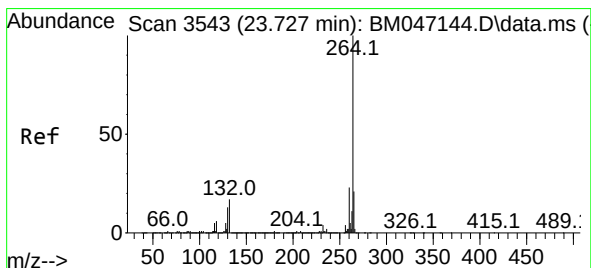
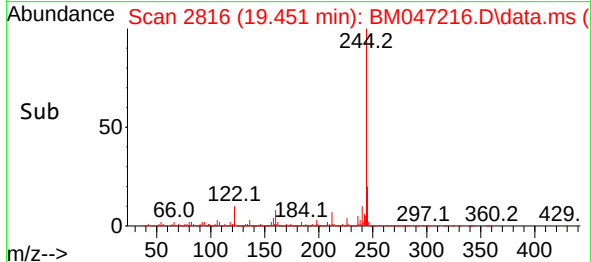
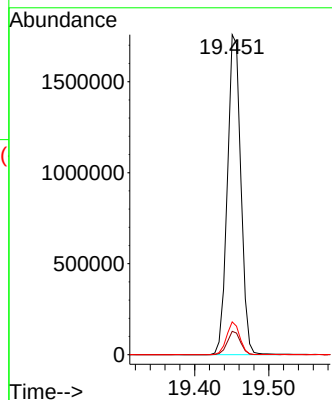
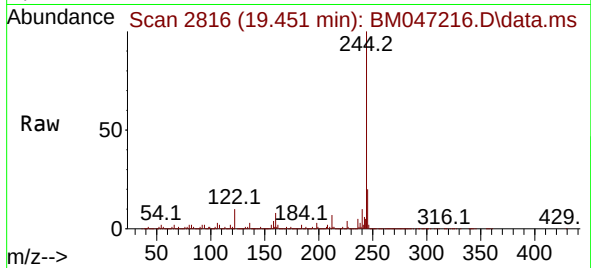




#79
Terphenyl-d14
Concen: 42.356 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047216.D
Acq: 15 Aug 2024 15:31

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 2219412
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 10.2 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: BM047216.D
Acq: 15 Aug 2024 15:31

Tgt Ion:264 Resp: 1268058
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 22.4 17.3 25.9

