

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
Data File : BM047374.D
Acq On : 28 Aug 2024 10:17
Operator : RC/JU
Sample : PB163019BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163019BL

Quant Time: Aug 28 11:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	319753	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1193598	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	833306	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1762506	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1400710	20.000	ng	0.00
86) Perylene-d12	23.721	264	1341862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2075453	124.530	ng	0.00
7) Phenol-d6	6.575	99	2677783	117.944	ng	0.00
23) Nitrobenzene-d5	8.498	82	1723876	80.136	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1255411	124.870	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4257548	78.503	ng	0.00
79) Terphenyl-d14	19.451	244	6585266	83.682	ng	0.00

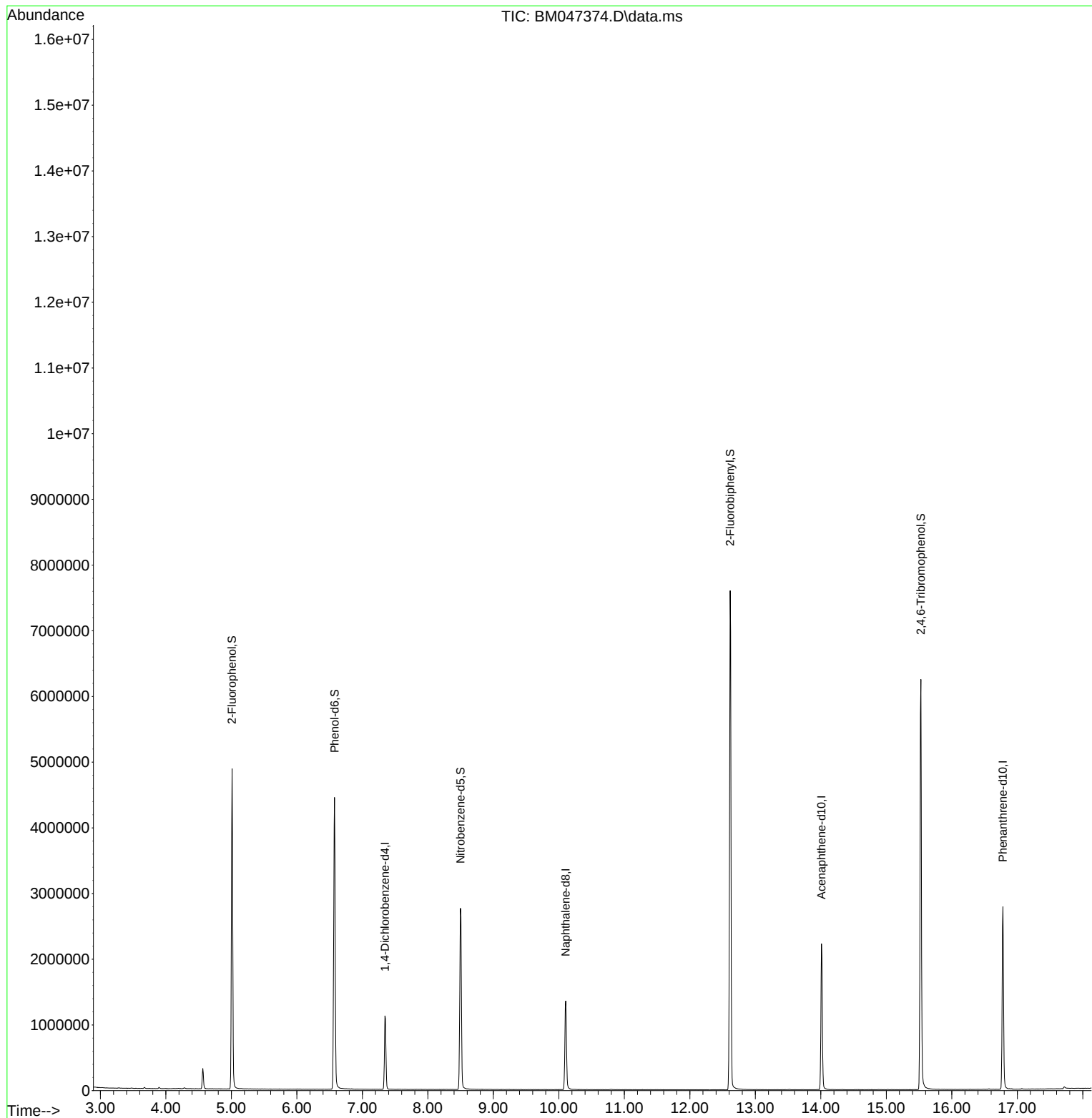
Target Compounds	Qvalue

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

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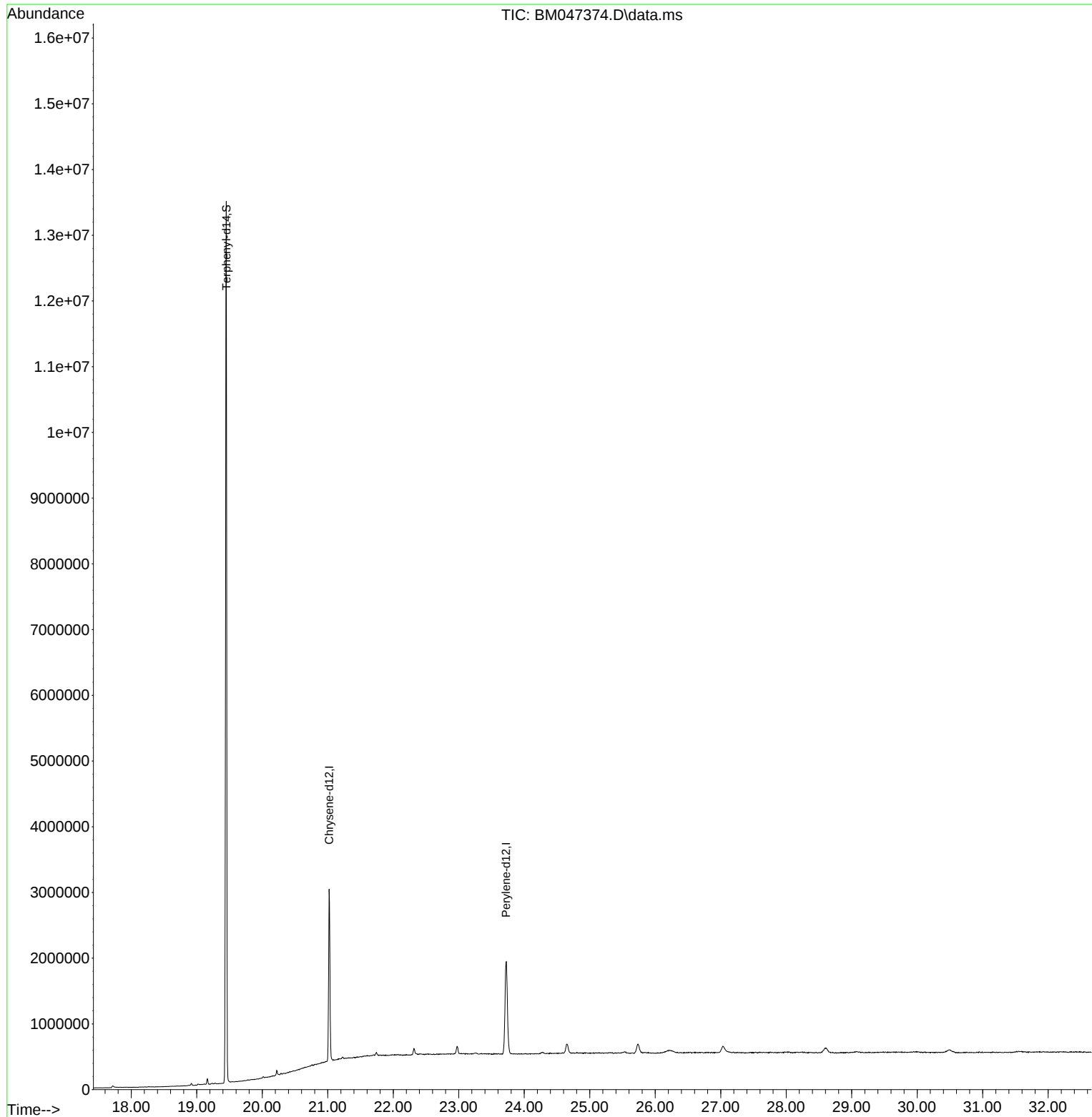
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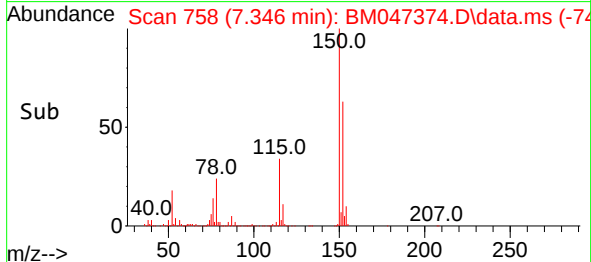
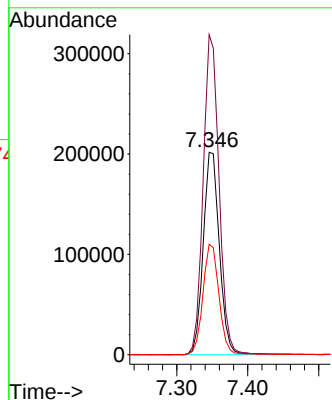
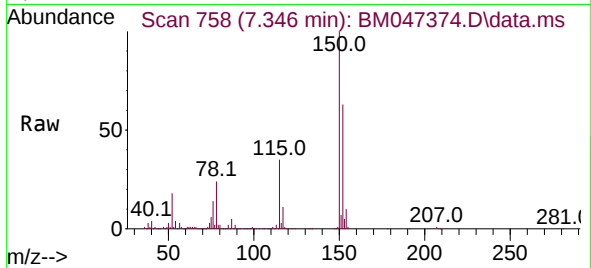




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.346 min Scan# 759
Delta R.T. -0.005 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

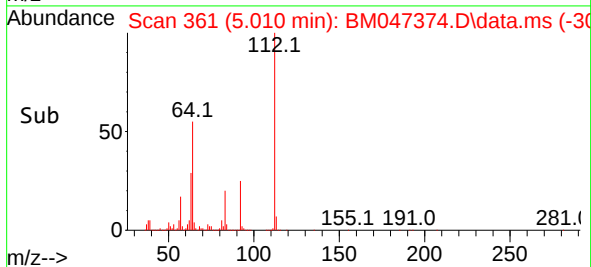
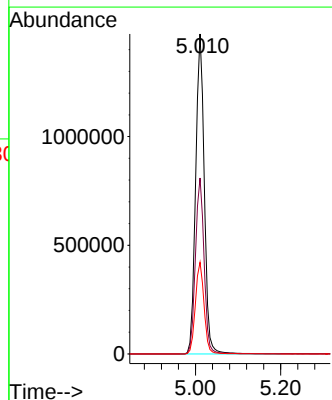
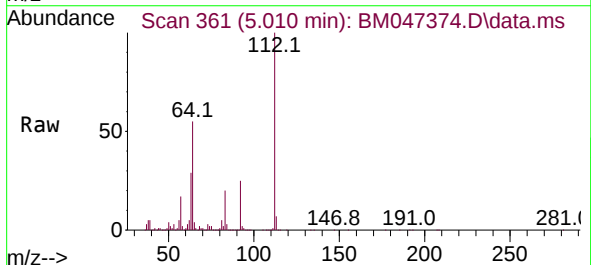
Instrument :
BNA_M
ClientSampleId :
PB163019BL

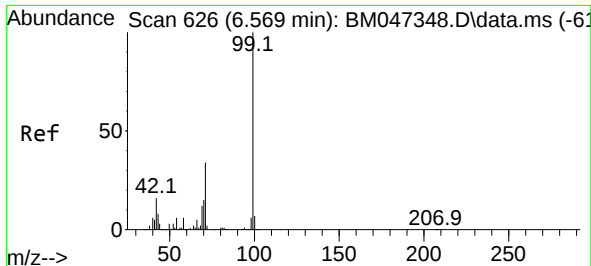
Tgt Ion:152 Resp: 319753
Ion Ratio Lower Upper
152 100
150 158.2 121.3 181.9
115 54.6 42.6 64.0



#5
2-Fluorophenol
Concen: 124.530 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

Tgt Ion:112 Resp: 2075453
Ion Ratio Lower Upper
112 100
64 55.0 45.7 68.5
63 28.7 23.8 35.8

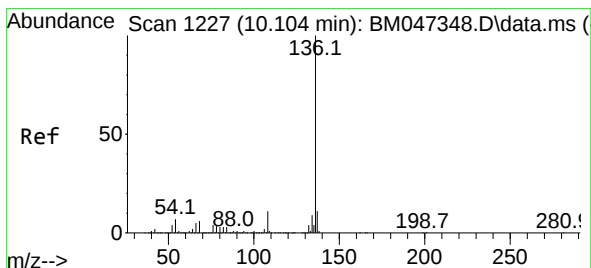
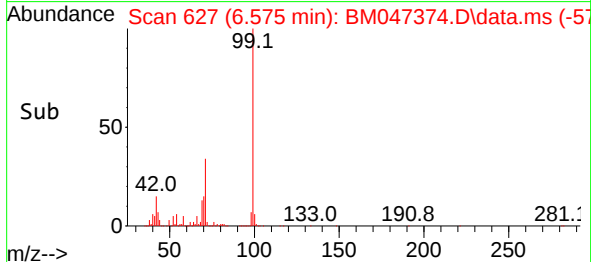
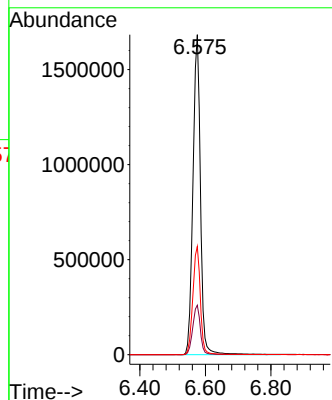
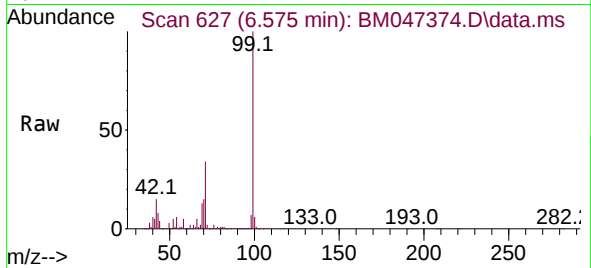




#7
Phenol-d6
Concen: 117.944 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

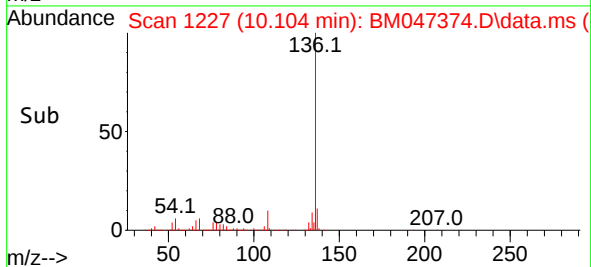
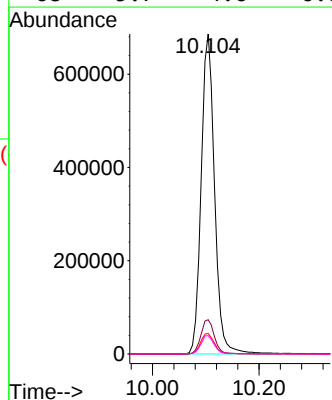
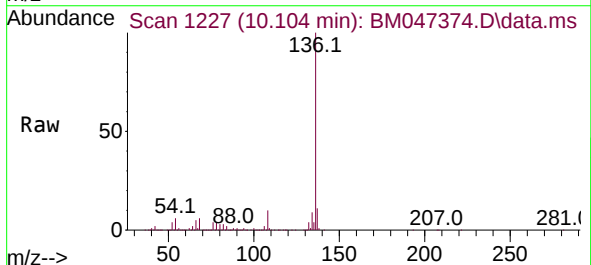
Instrument :
BNA_M
ClientSampleId :
PB163019BL

Tgt Ion: 99 Resp: 2677783
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 33.8 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

Tgt Ion: 136 Resp: 1193598
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.4 5.2 7.8
68 5.7 4.6 6.8

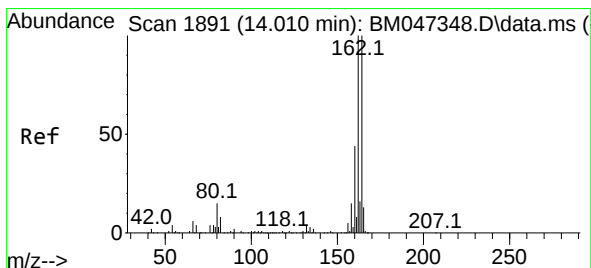
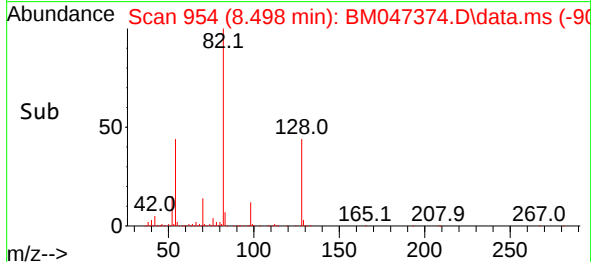
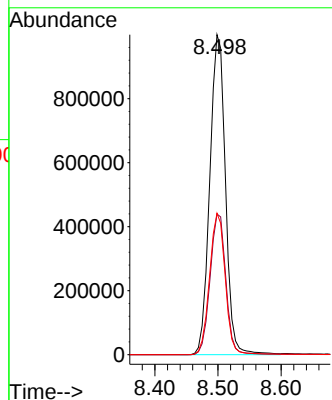
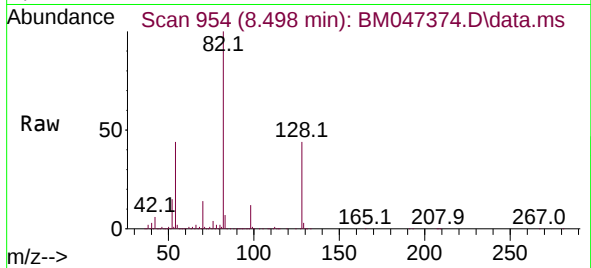




#23
Nitrobenzene-d5
Concen: 80.136 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

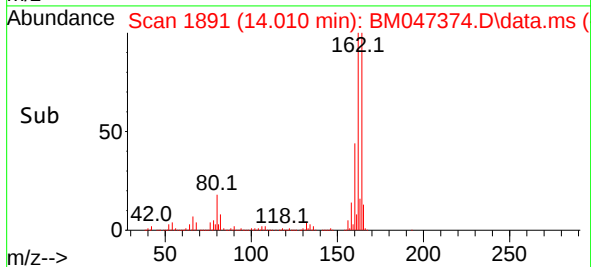
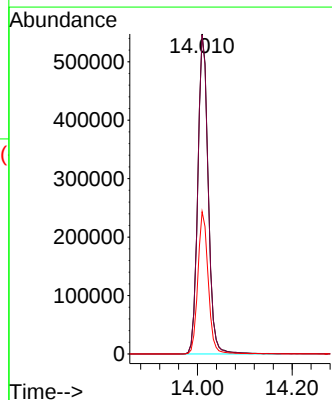
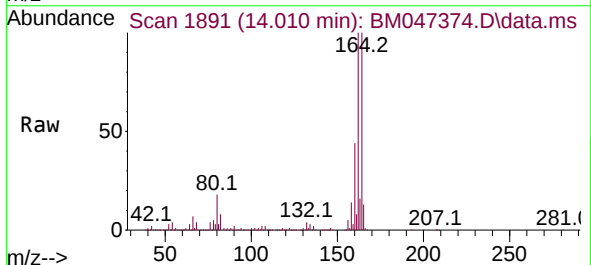
Instrument :
BNA_M
ClientSampleId :
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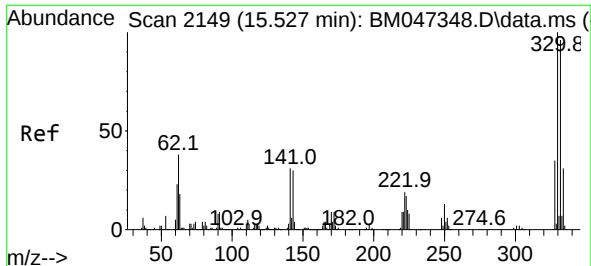
Tgt Ion: 82 Resp: 1723876
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 44.2 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

Tgt Ion:164 Resp: 833306
Ion Ratio Lower Upper
164 100
162 99.7 79.7 119.5
160 44.5 34.9 52.3

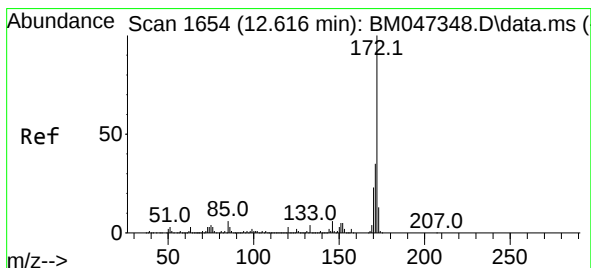
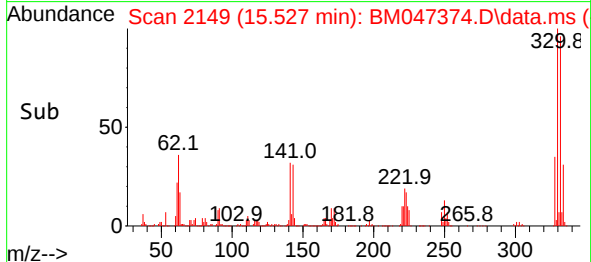
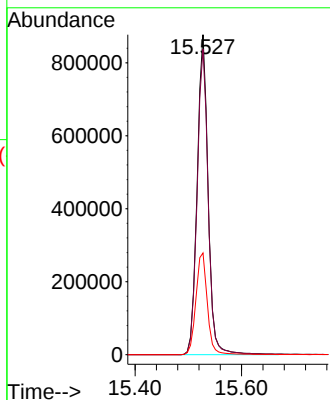
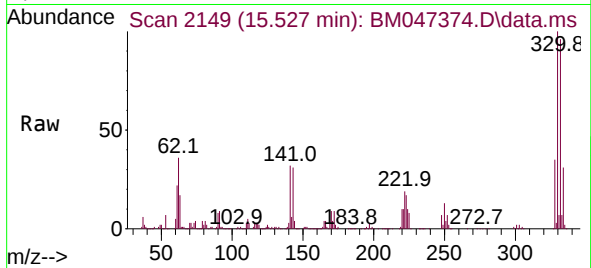




#42
2,4,6-Tribromophenol
Concen: 124.870 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

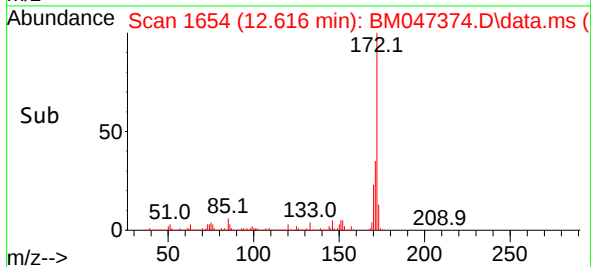
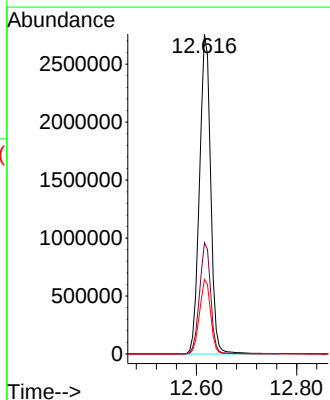
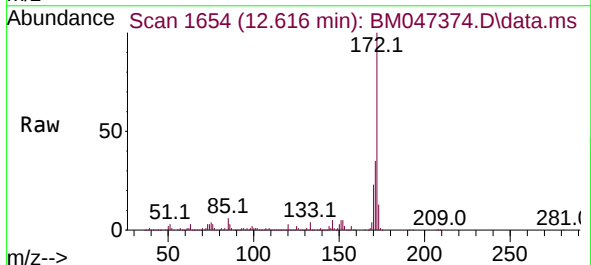
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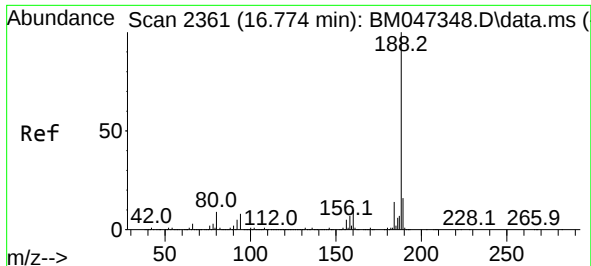
Tgt Ion:330 Resp: 1255411
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 33.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 78.503 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

Tgt Ion:172 Resp: 4257548
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.3 18.5 27.7

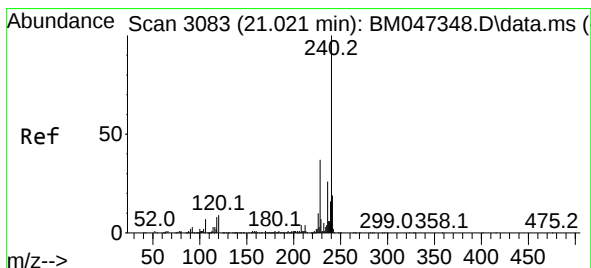
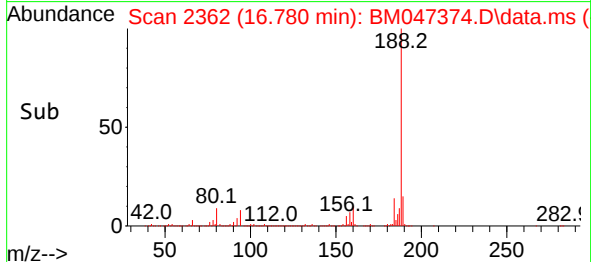
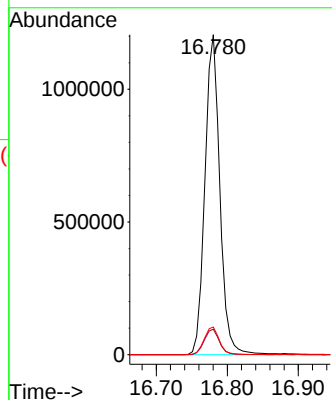
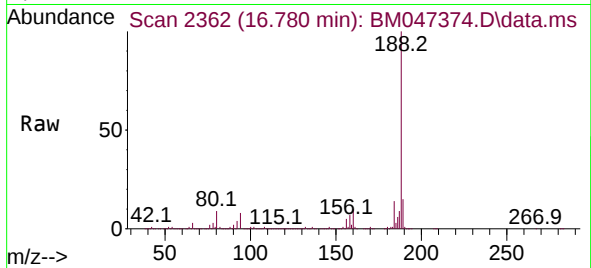




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

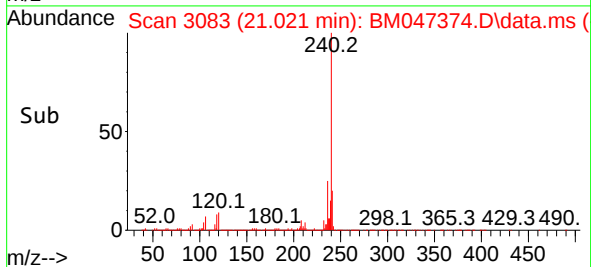
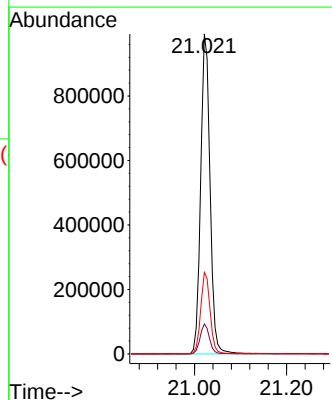
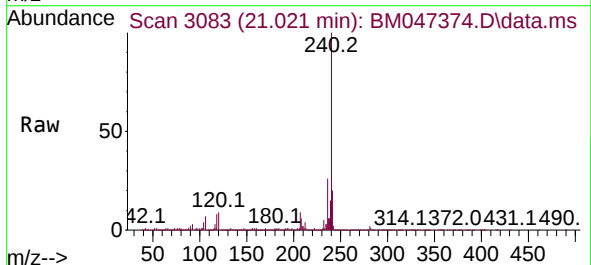
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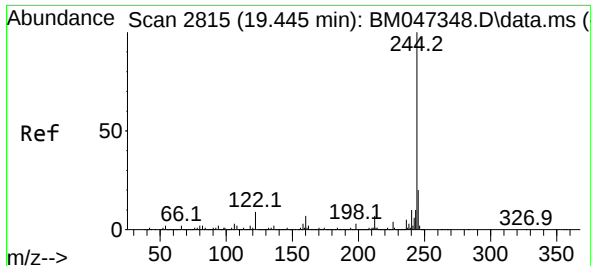
Tgt Ion:188 Resp: 1762506
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.7 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

Tgt Ion:240 Resp: 1400710
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.5 20.8 31.2

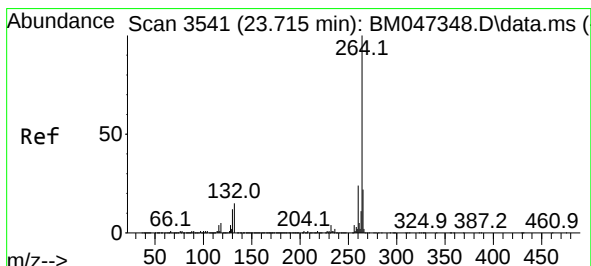
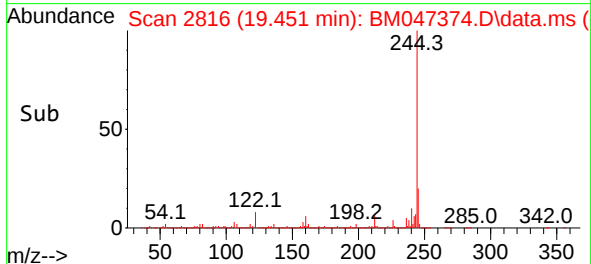
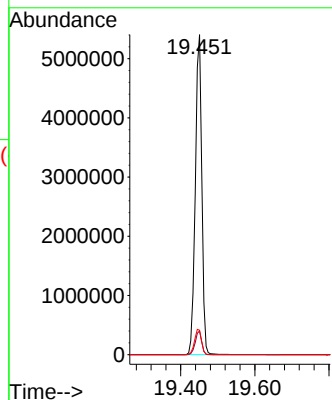
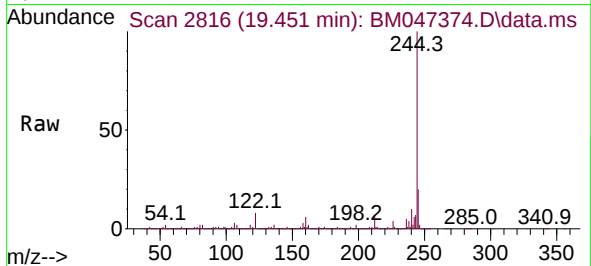




#79
Terphenyl-d14
Concen: 83.682 ng
RT: 19.451 min Scan# 2815
Delta R.T. 0.006 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 6585266
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.6 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. 0.006 min
Lab File: BM047374.D
Acq: 28 Aug 2024 10:17

Tgt Ion:264 Resp: 1341862
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.5 17.8 26.6

