

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047228.D
 Acq On : 16 Aug 2024 10:27
 Operator : RC/JU
 Sample : PB162754BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162754BL

Quant Time: Aug 16 11:28:51 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)

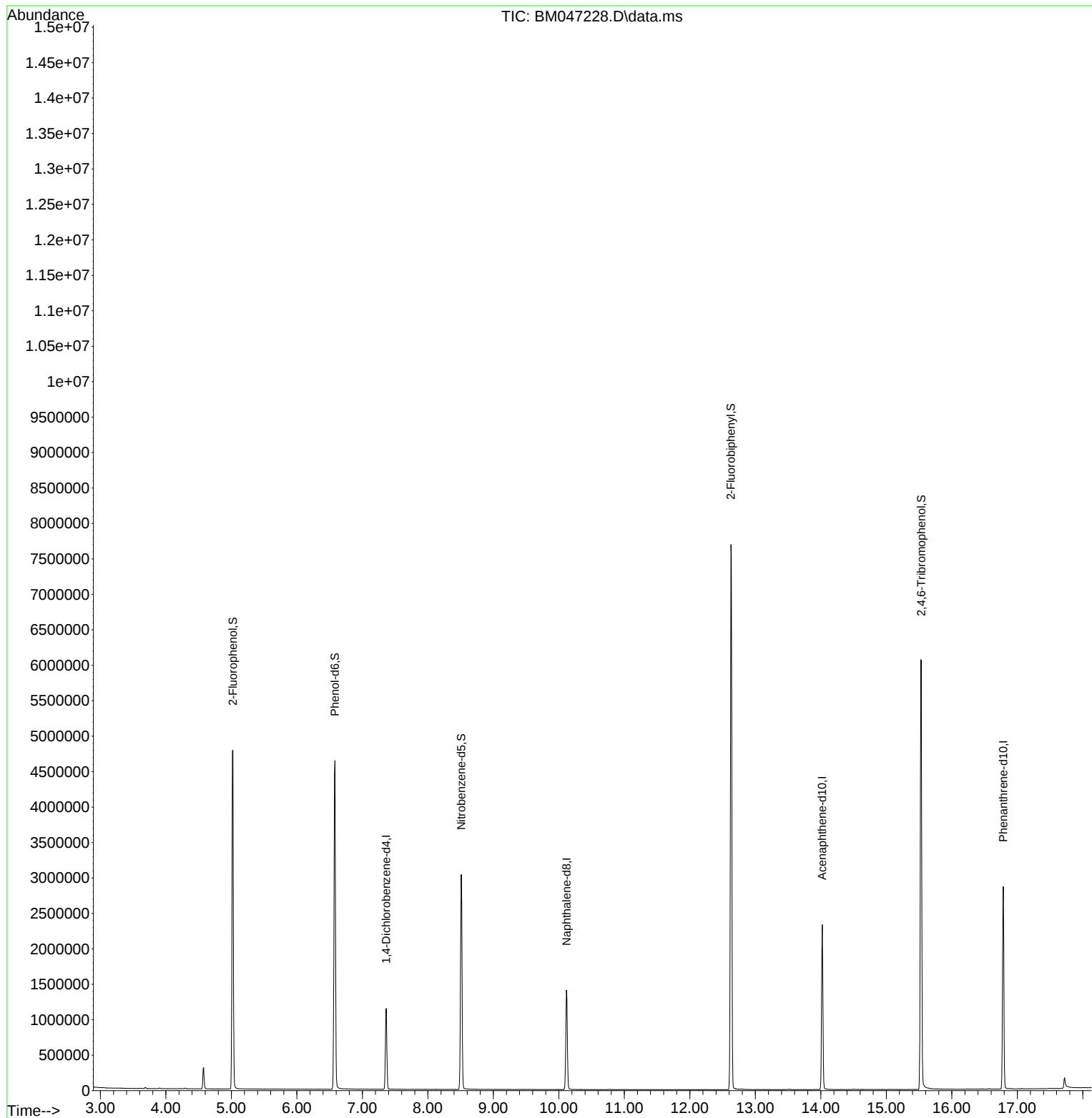
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	306825	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	1159594	20.000	ng	-0.02
39) Acenaphthene-d10	14.022	164	798997	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1679463	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1197441	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1184194	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2040803	118.849	ng	0.00
7) Phenol-d6	6.581	99	2656903	112.292	ng	0.00
23) Nitrobenzene-d5	8.510	82	1749044	75.949	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	1176058	126.942	ng	0.00
45) 2-Fluorobiphenyl	12.628	172	4147917	80.079	ng	-0.02
79) Terphenyl-d14	19.451	244	5920344	105.942	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.581	77	4987	Below Cal	Qvalue #	3

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

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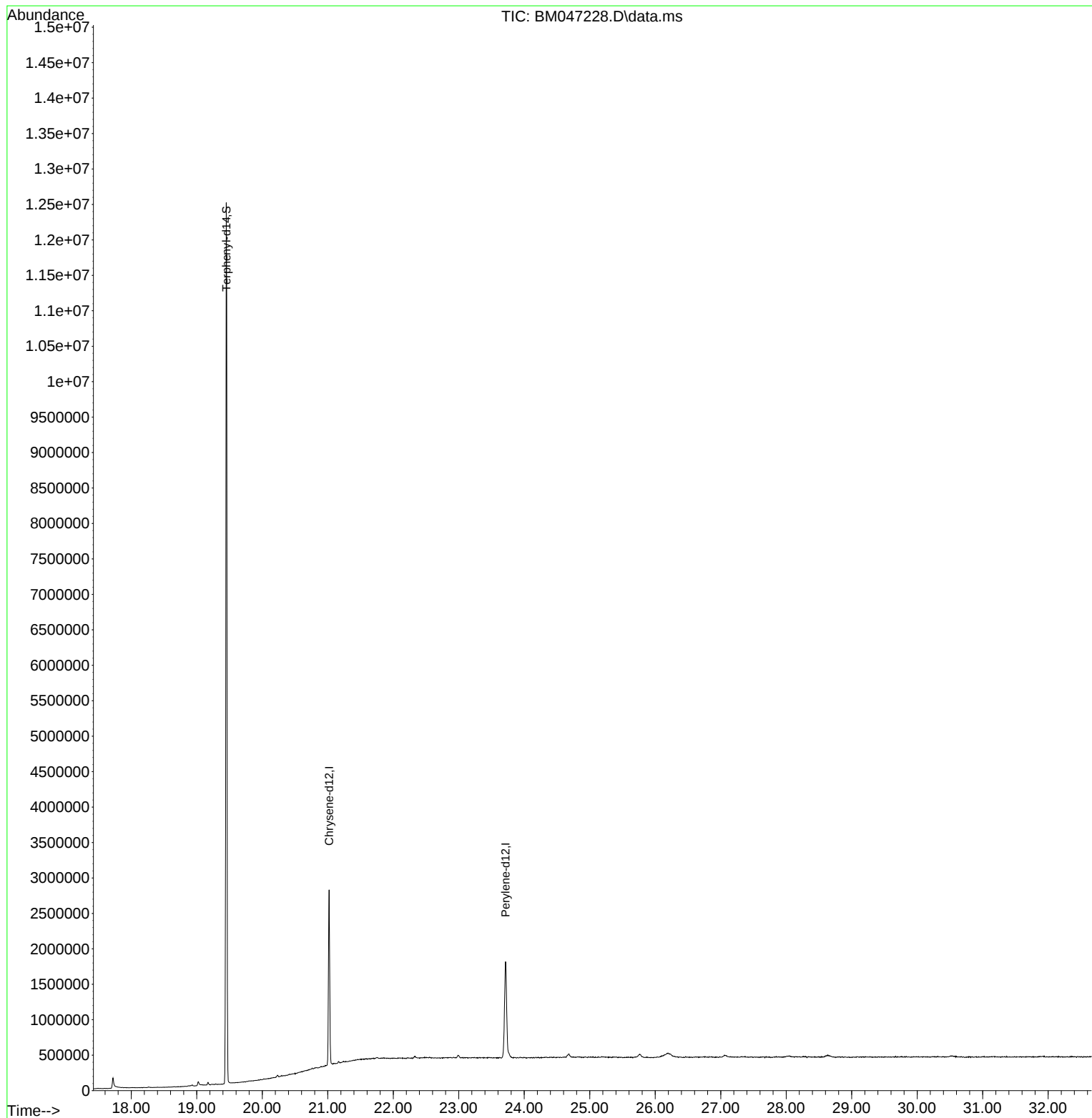
Quant Time: Aug 16 11:28:51 2024
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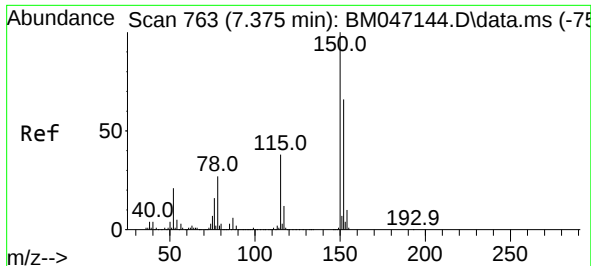


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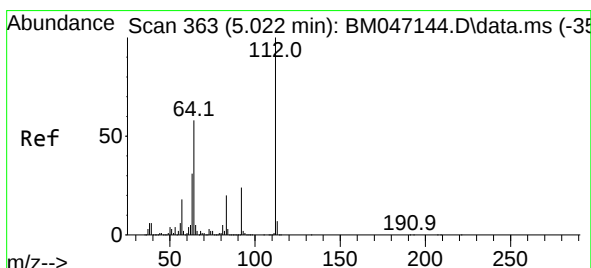
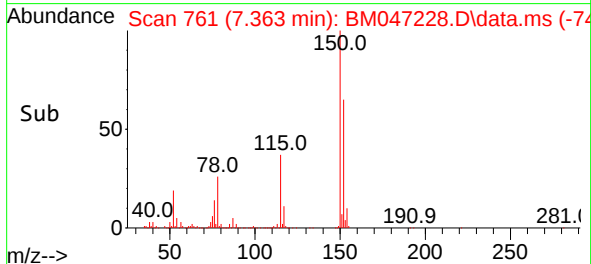
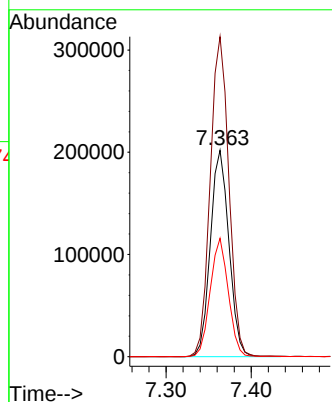
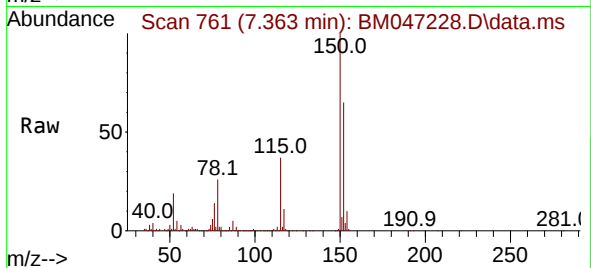




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 761
Delta R.T. -0.012 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

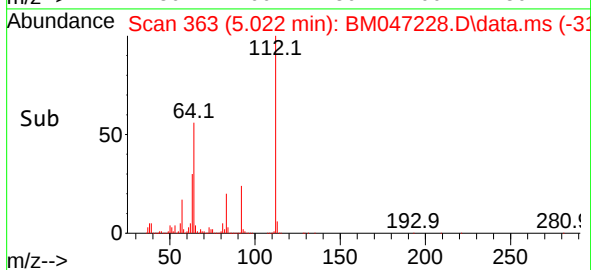
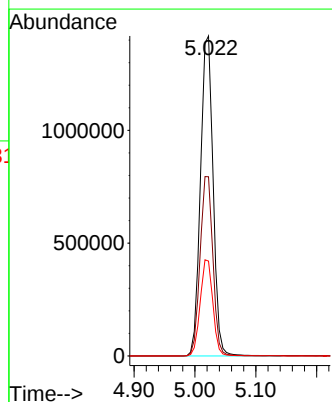
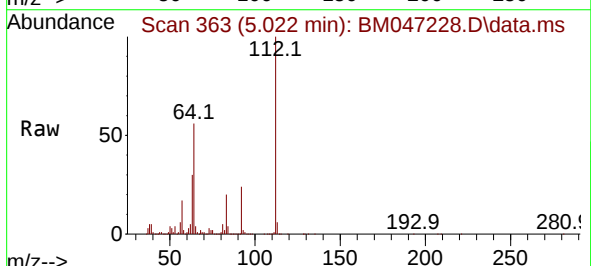
Instrument :
BNA_M
ClientSampleId :
PB162754BL

Tgt Ion:152 Resp: 306825
Ion Ratio Lower Upper
152 100
150 155.0 120.5 180.7
115 57.3 45.5 68.3



#5
2-Fluorophenol
Concen: 118.849 ng
RT: 5.022 min Scan# 363
Delta R.T. 0.000 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion:112 Resp: 2040803
Ion Ratio Lower Upper
112 100
64 56.0 46.7 70.1
63 29.6 24.8 37.2

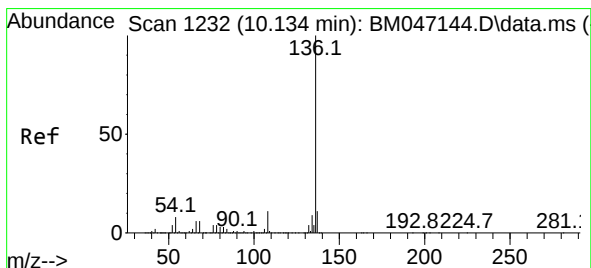
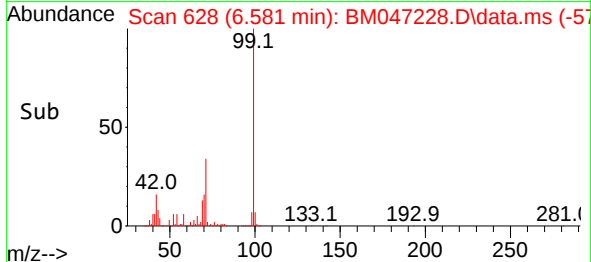
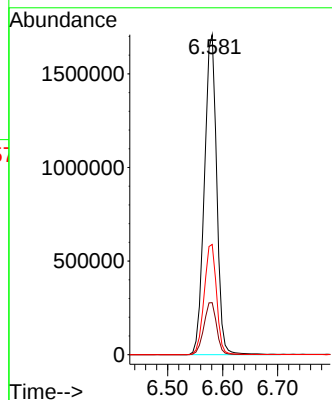
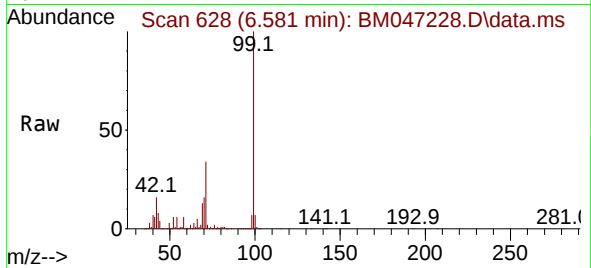




#7
Phenol-d6
Concen: 112.292 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

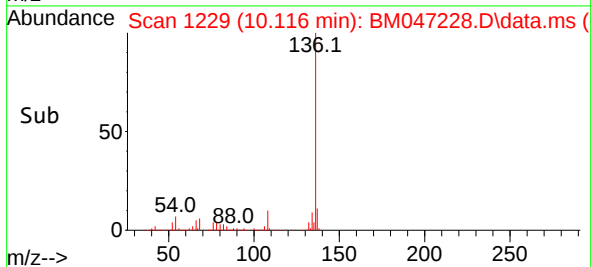
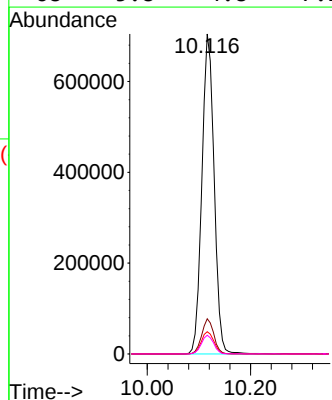
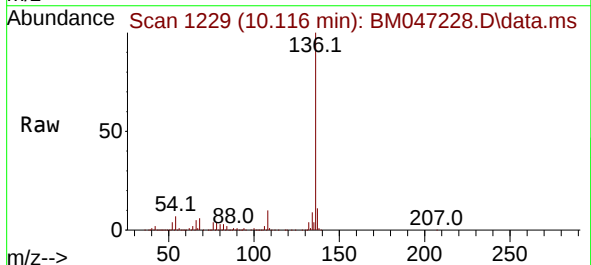
Instrument :
BNA_M
ClientSampleId :
PB162754BL

Tgt Ion: 99 Resp: 2656903
Ion Ratio Lower Upper
99 100
42 16.3 14.1 21.1
71 34.5 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion: 136 Resp: 1159594
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 6.0 9.0
68 5.8 4.8 7.2

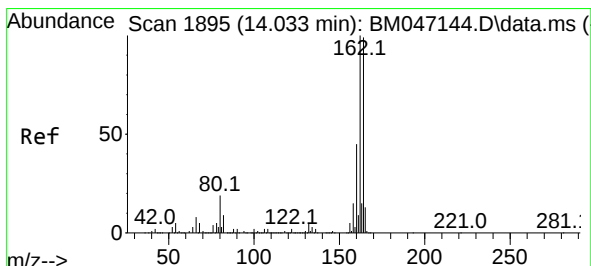
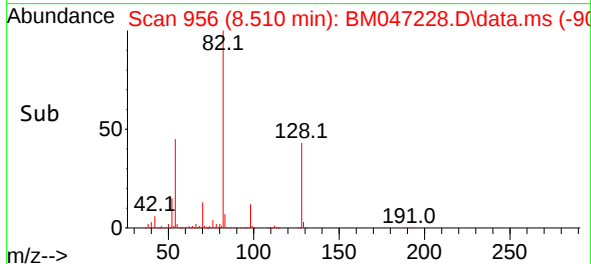
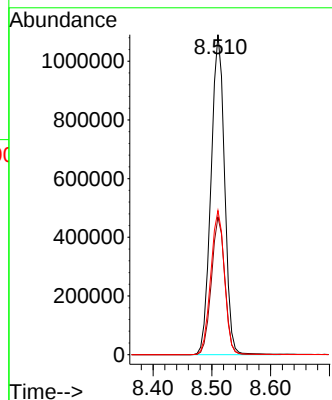
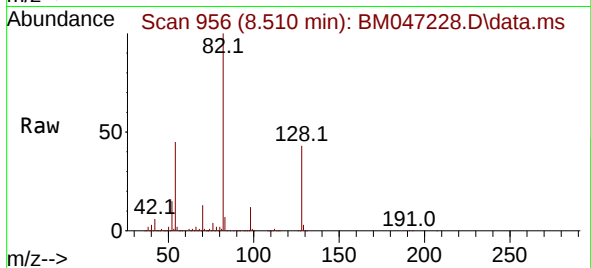




#23
Nitrobenzene-d5
Concen: 75.949 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

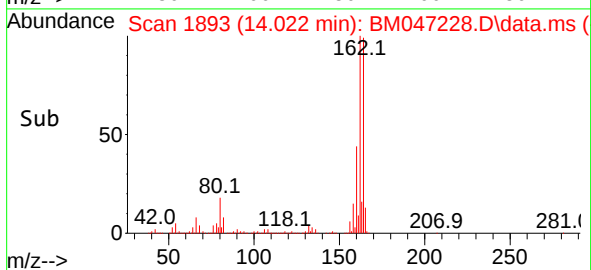
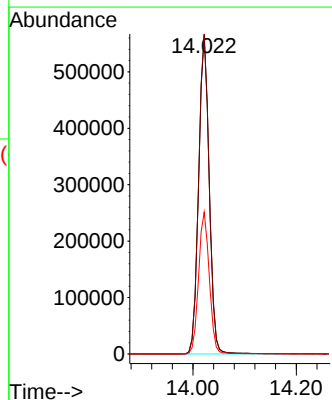
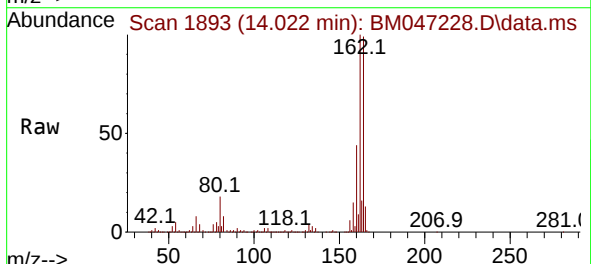
Instrument :
BNA_M
ClientSampleId :
PB162754BL

Tgt Ion: 82 Resp: 1749044
Ion Ratio Lower Upper
82 100
128 43.0 32.3 48.5
54 45.1 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: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion: 164 Resp: 798997
Ion Ratio Lower Upper
164 100
162 100.6 80.7 121.1
160 44.6 36.0 54.0

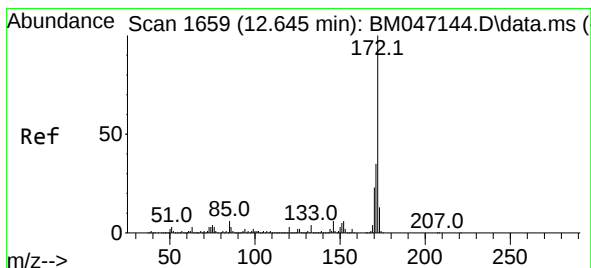
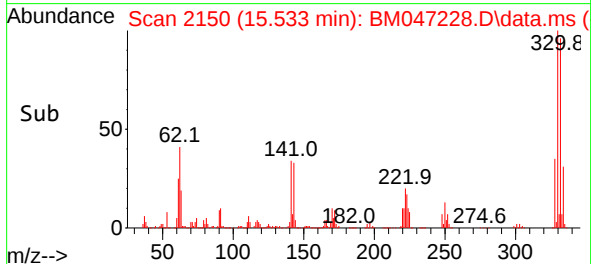
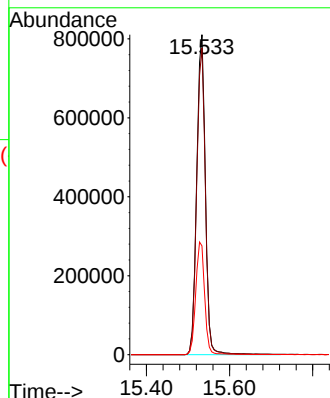
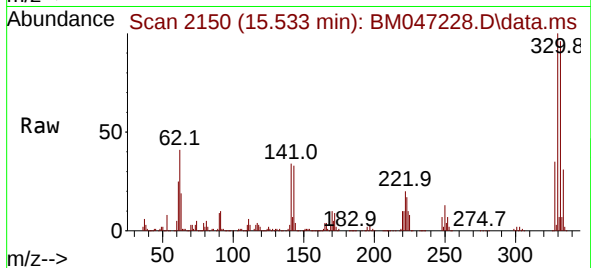




#42
2,4,6-Tribromophenol
Concen: 126.942 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

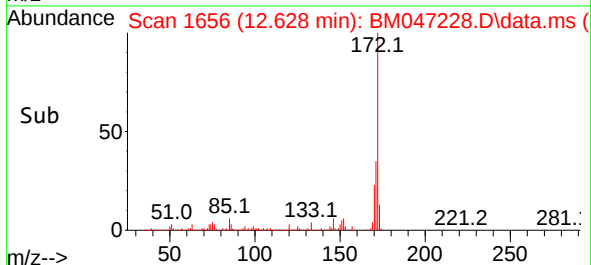
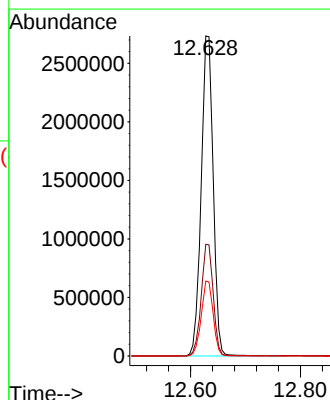
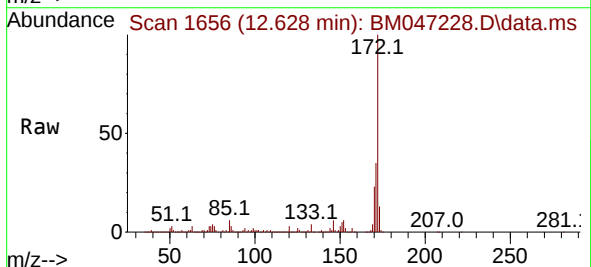
Instrument :
BNA_M
ClientSampleId :
PB162754BL

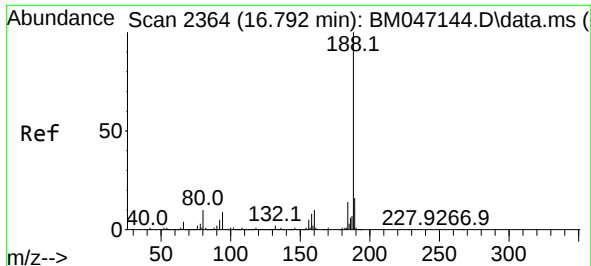
Tgt Ion:330 Resp: 1176058
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 36.3 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 80.079 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.017 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion:172 Resp: 4147917
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.7 28.1

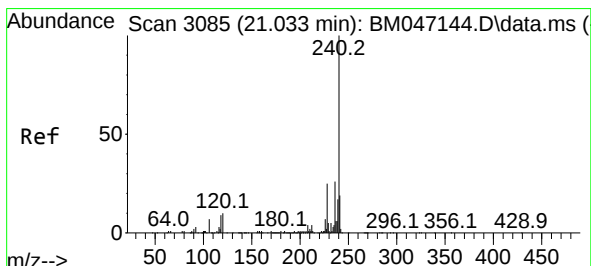
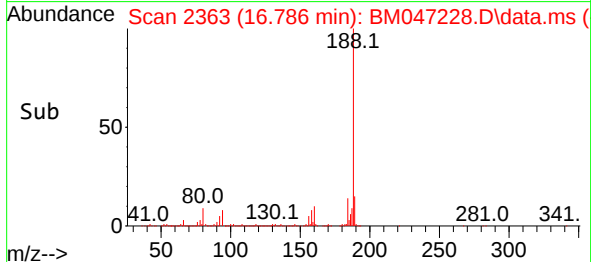
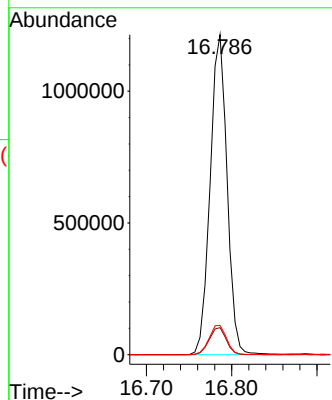
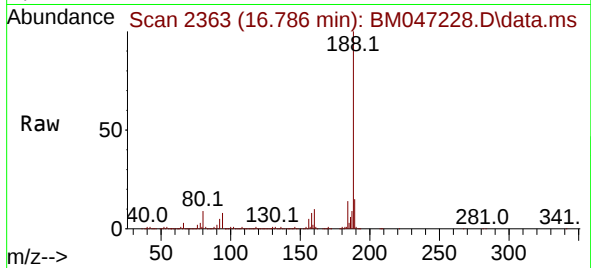




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

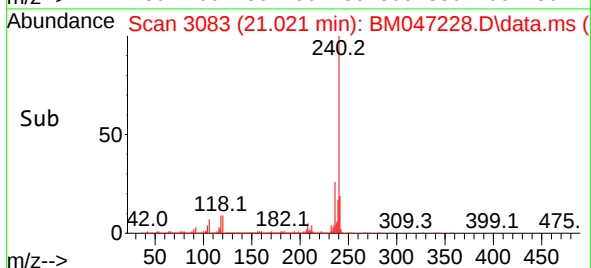
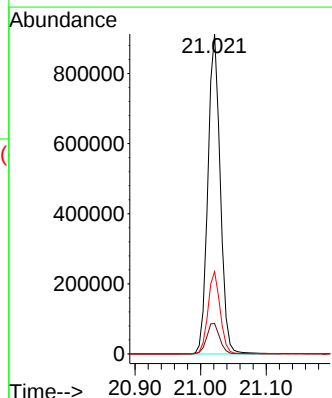
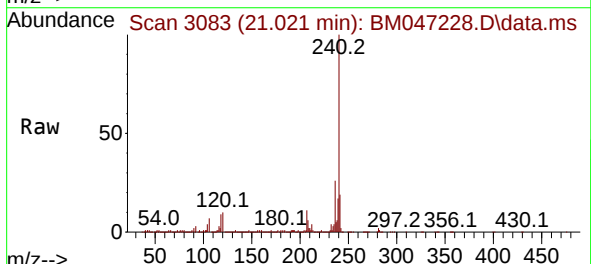
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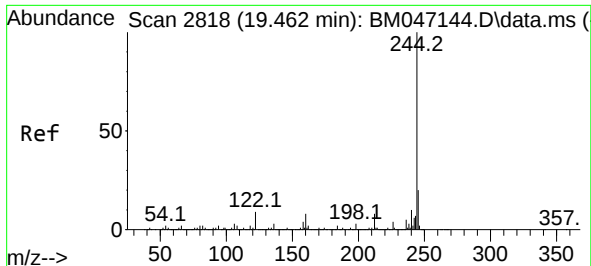
Tgt Ion:188 Resp: 1679463
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.2 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion:240 Resp: 1197441
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 25.8 20.6 30.8

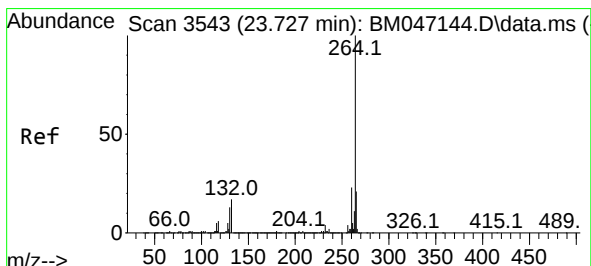
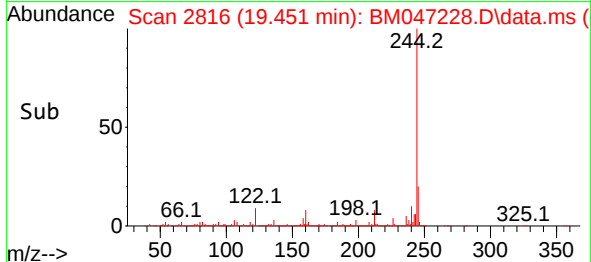
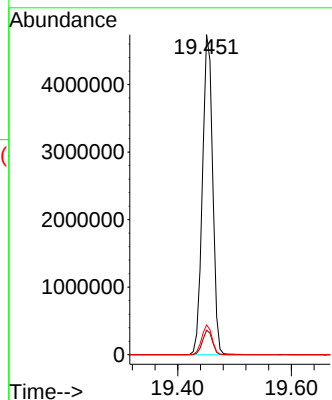
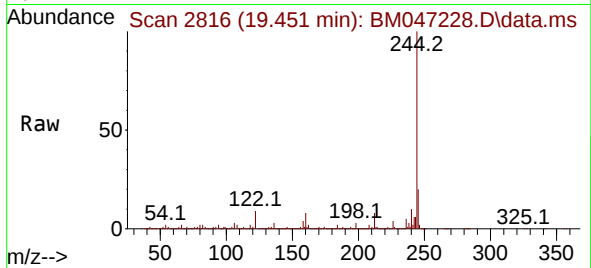




#79
 Terphenyl-d14
 Concen: 105.942 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047228.D
 Acq: 16 Aug 2024 10:27

Instrument :
 BNA_M
 ClientSampleId :
 PB162754BL

Tgt Ion:244 Resp: 5920344
 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: BM047228.D
 Acq: 16 Aug 2024 10:27

Tgt Ion:264 Resp: 1184194
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 22.6 17.3 25.9

