

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
 Data File : BM047169.D
 Acq On : 13 Aug 2024 10:09
 Operator : RC/JU
 Sample : PB162553BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162553BL

Quant Time: Aug 13 10:52:22 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)

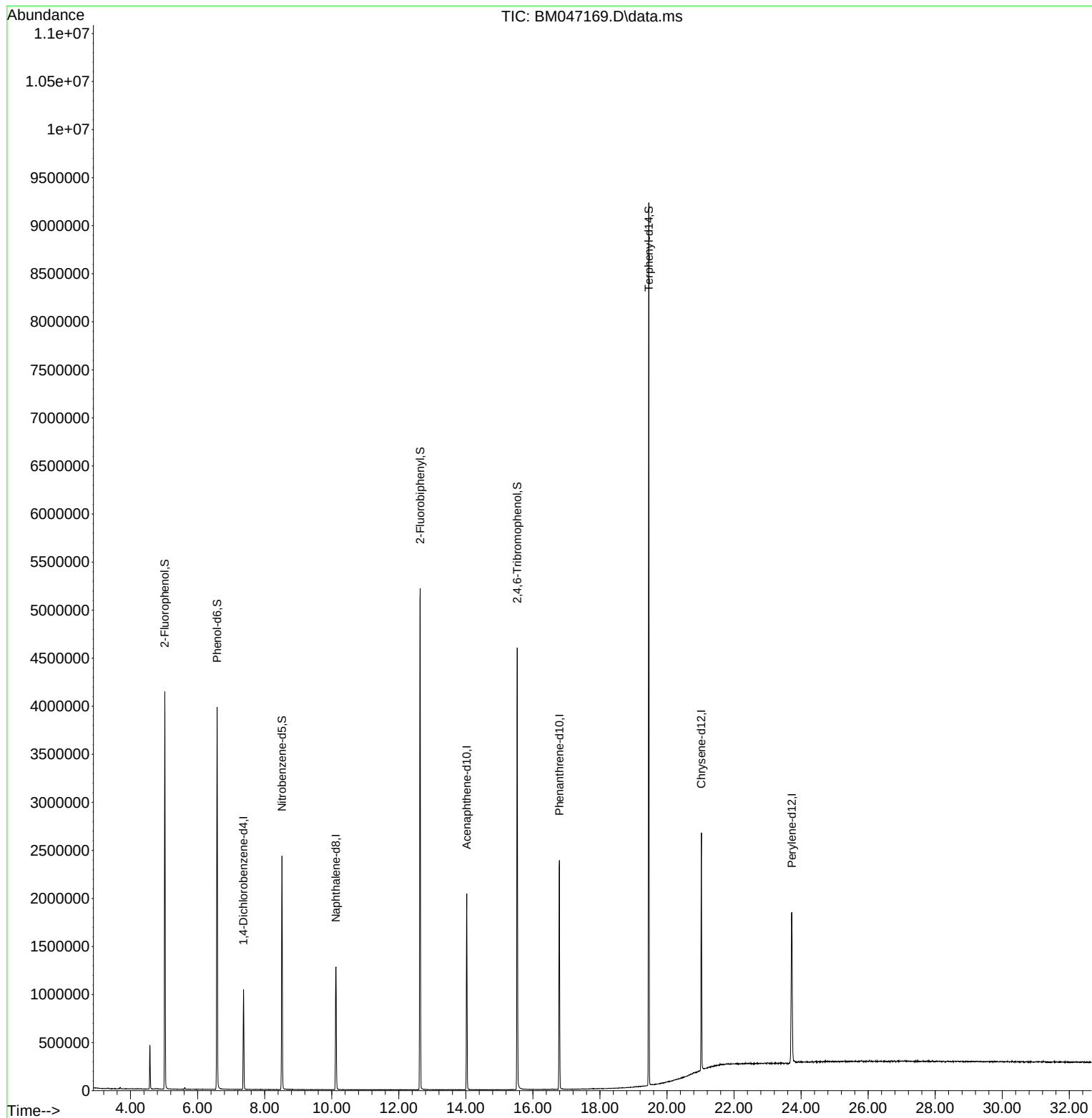
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	266916	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1056409	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	676276	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1387815	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1122401	20.000	ng	0.00
86) Perylene-d12	23.721	264	1330346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1625854	108.841	ng	0.00
7) Phenol-d6	6.581	99	2136786	103.813	ng	0.00
23) Nitrobenzene-d5	8.516	82	1404872	66.963	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	719760	91.788	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	2720643	62.056	ng	0.00
79) Terphenyl-d14	19.456	244	3972397	75.837	ng	0.00
Target Compounds						
9) Benzaldehyde	6.528	77	391	Below Cal	Qvalue #	3

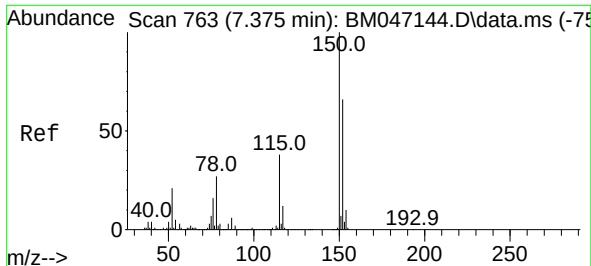
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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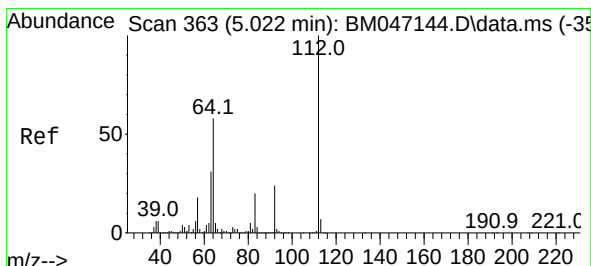
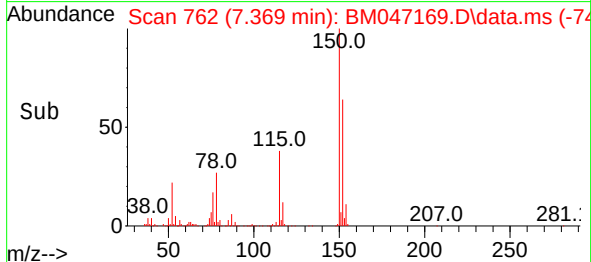
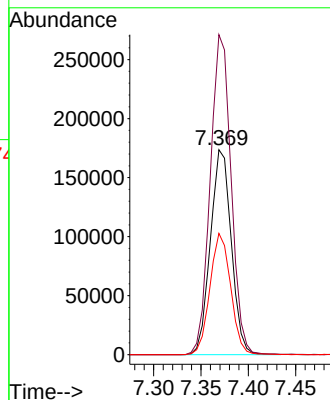
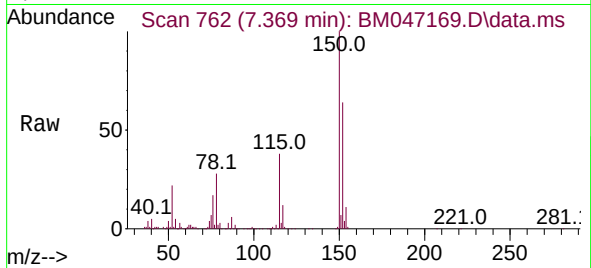




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 762
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

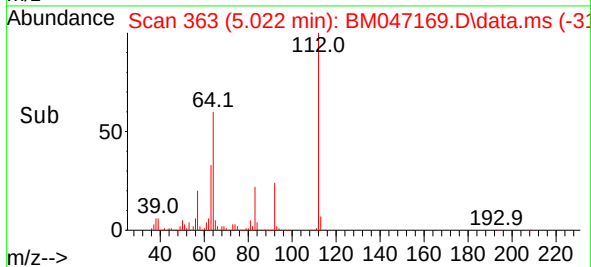
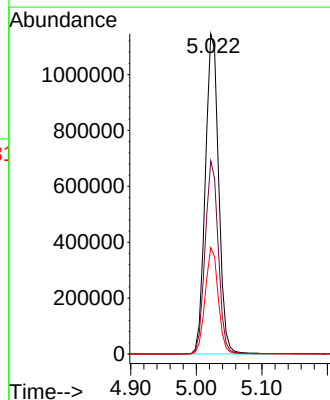
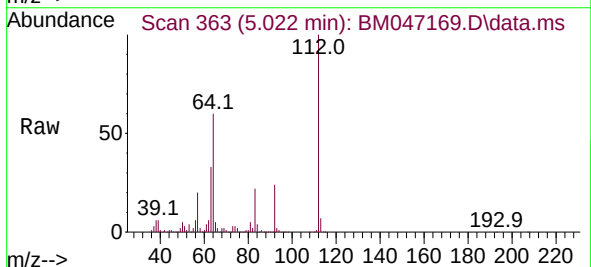
Instrument :
BNA_M
ClientSampleId :
PB162553BL

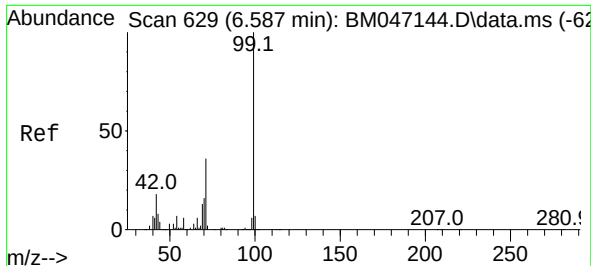
Tgt Ion:152 Resp: 266916
Ion Ratio Lower Upper
152 100
150 156.1 120.5 180.7
115 59.1 45.5 68.3



#5
2-Fluorophenol
Concen: 108.841 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion:112 Resp: 1625854
Ion Ratio Lower Upper
112 100
64 60.4 46.7 70.1
63 33.2 24.8 37.2

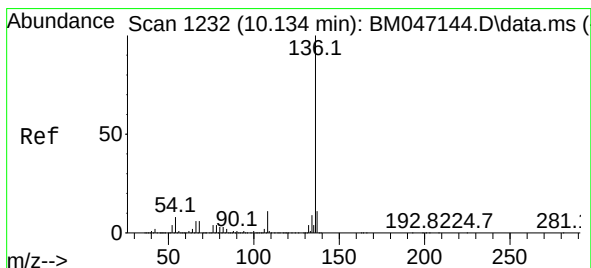
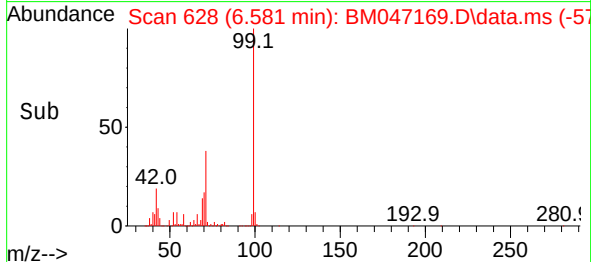
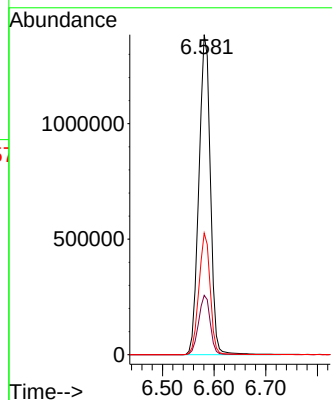
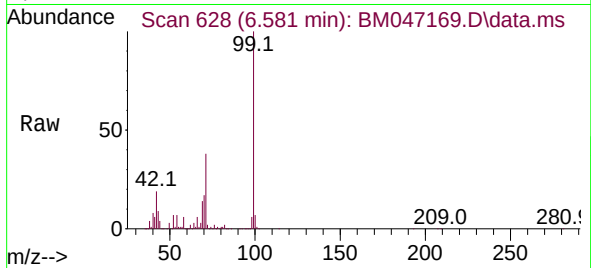




#7
Phenol-d6
Concen: 103.813 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

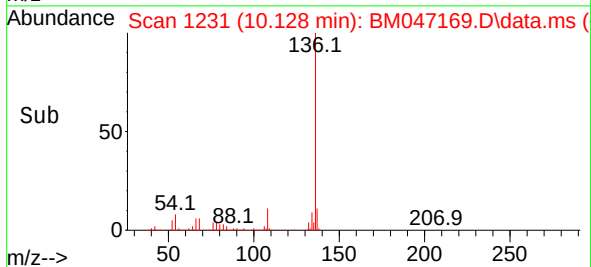
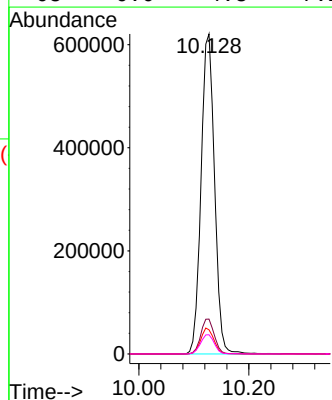
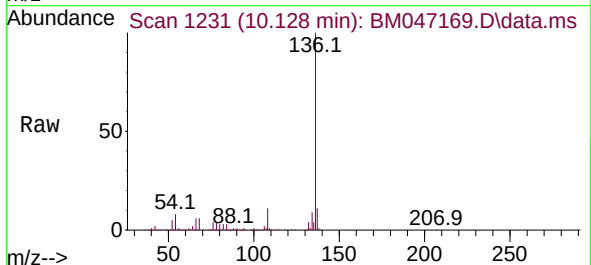
Instrument :
BNA_M
ClientSampleId :
PB162553BL

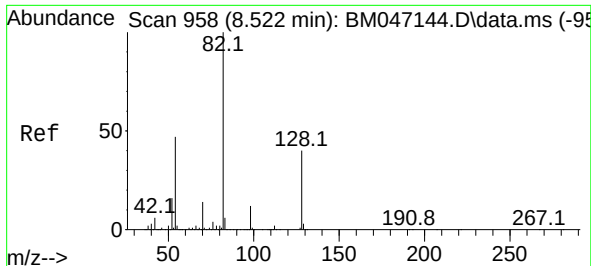
Tgt Ion: 99 Resp: 2136786
Ion Ratio Lower Upper
99 100
42 18.6 14.1 21.1
71 38.0 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion: 136 Resp: 1056409
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 6.0 9.0
68 6.0 4.8 7.2

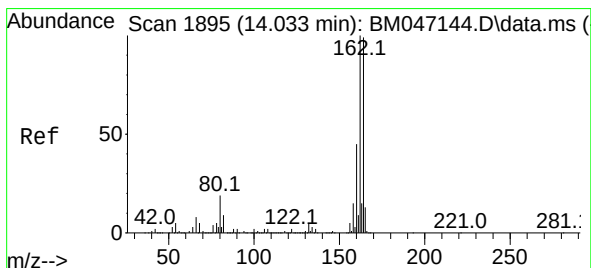
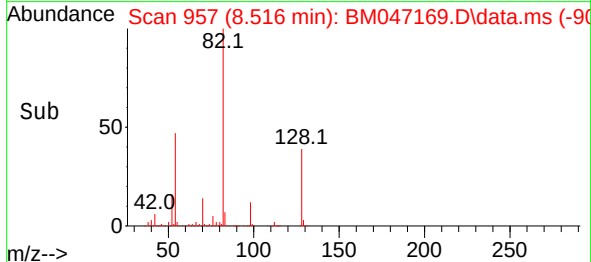
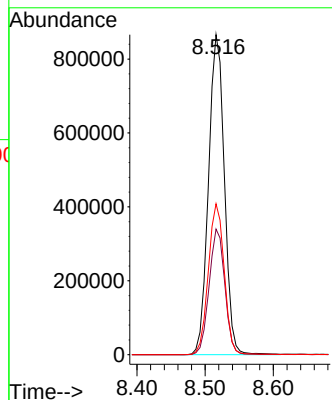
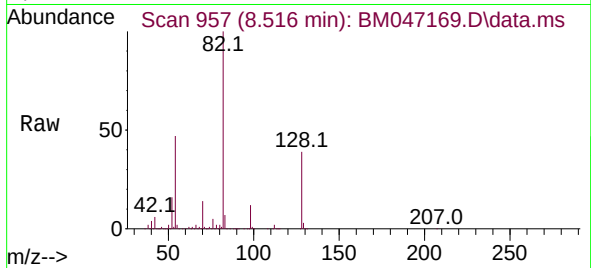




#23
Nitrobenzene-d5
Concen: 66.963 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

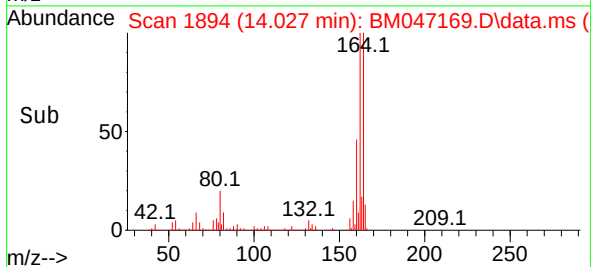
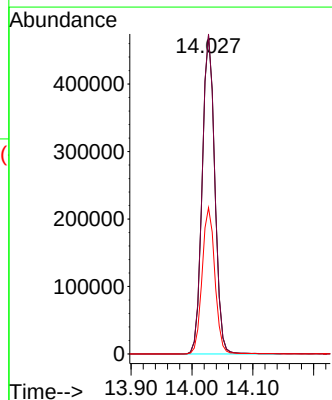
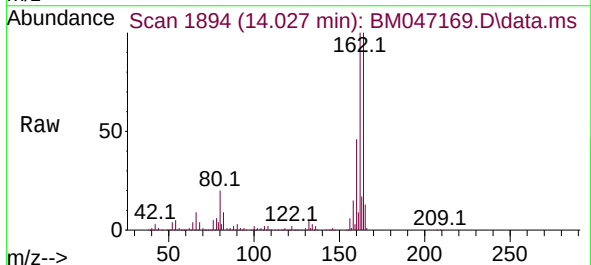
Instrument :
BNA_M
ClientSampleId :
PB162553BL

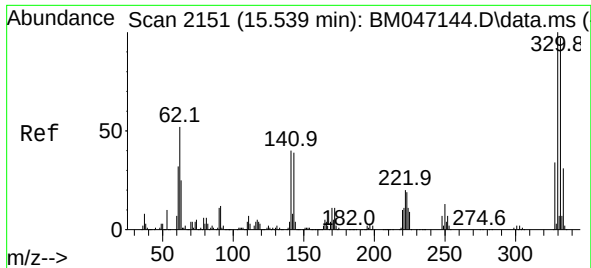
Tgt Ion: 82 Resp: 1404872
Ion Ratio Lower Upper
82 100
128 39.3 32.3 48.5
54 47.2 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion:164 Resp: 676276
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 45.9 36.0 54.0

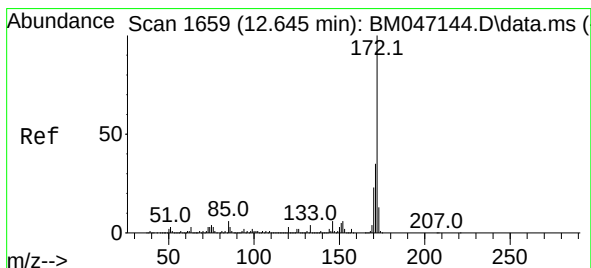
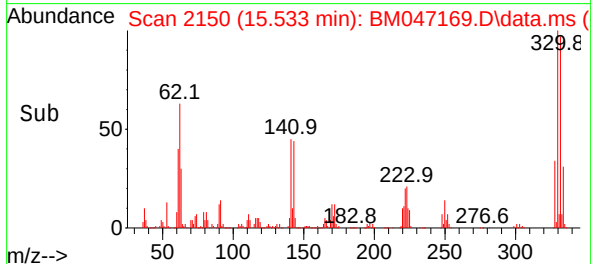
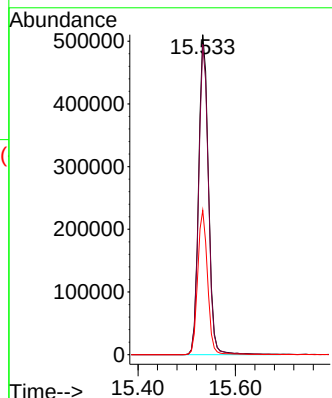
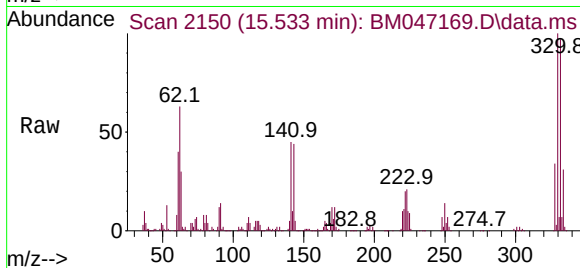




#42
2,4,6-Tribromophenol
Concen: 91.788 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

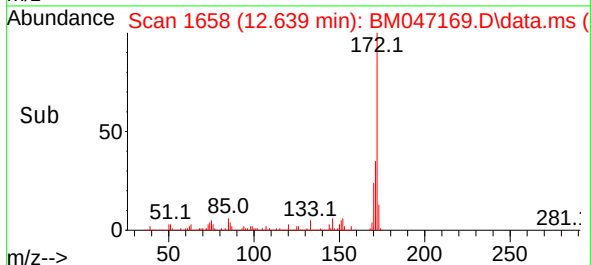
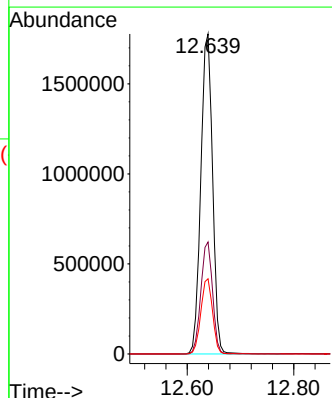
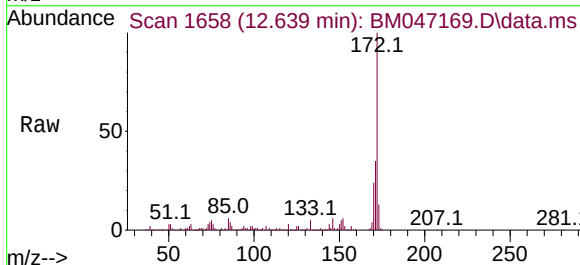
Instrument :
BNA_M
ClientSampleId :
PB162553BL

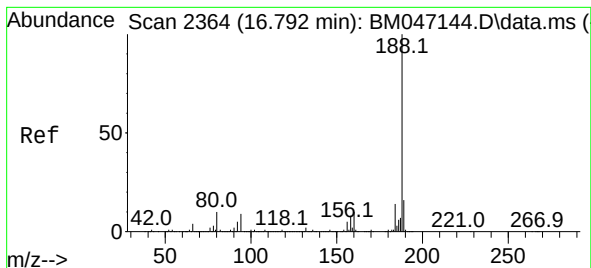
Tgt Ion:330 Resp: 719760
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 45.2 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 62.056 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion:172 Resp: 2720643
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 2364

Delta R.T. -0.000 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

Instrument :

BNA_M

ClientSampleId :

PB162553BL

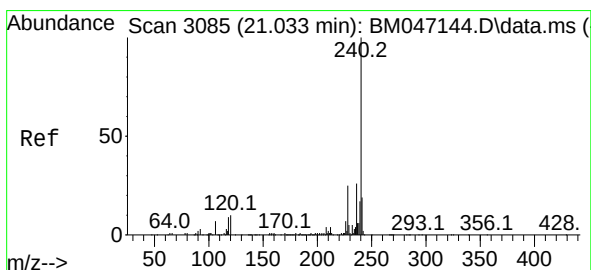
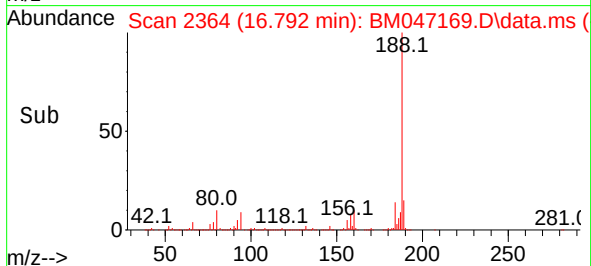
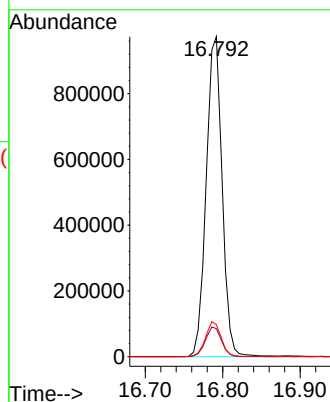
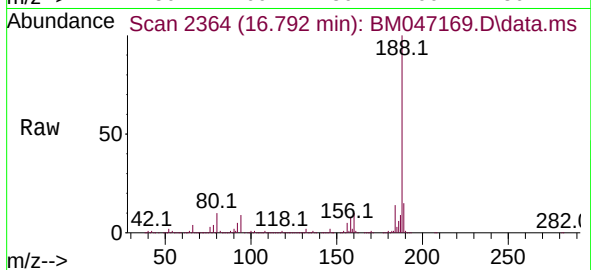
Tgt Ion:188 Resp: 1387815

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 10.0 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

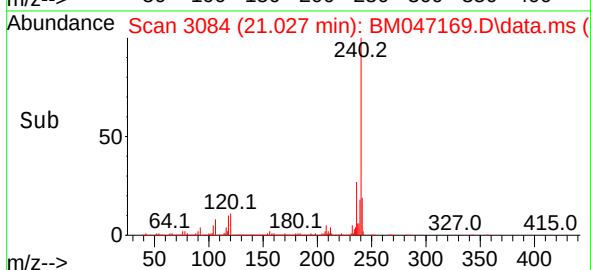
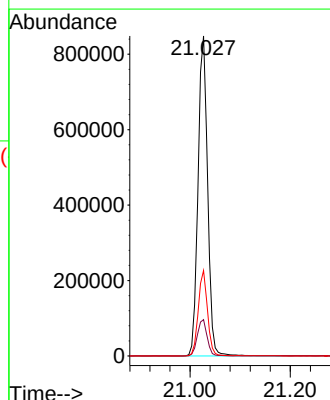
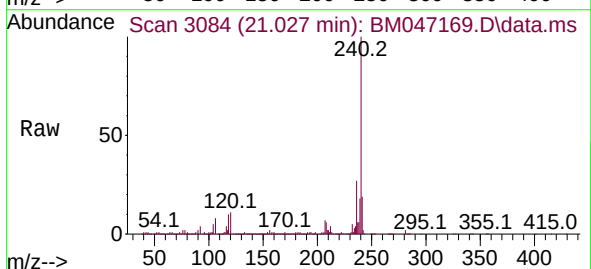
Tgt Ion:240 Resp: 1122401

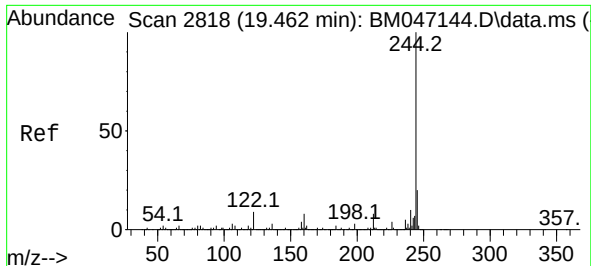
Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

236 26.7 20.6 30.8





#79

Terphenyl-d14

Concen: 75.837 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047169.D

Acq: 13 Aug 2024 10:09

Instrument :

BNA_M

ClientSampleId :

PB162553BL

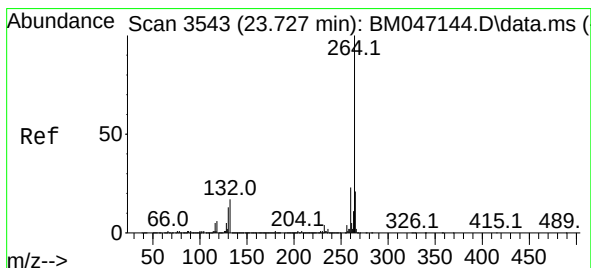
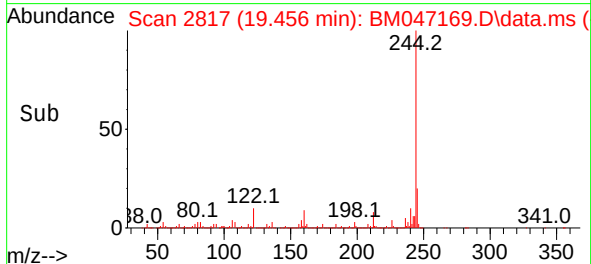
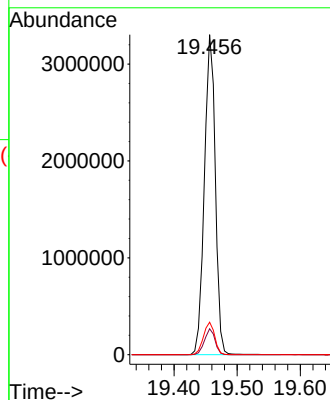
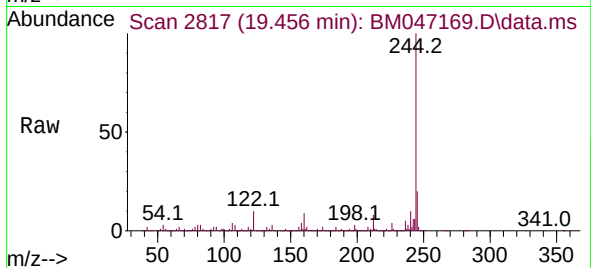
Tgt Ion:244 Resp: 3972397

Ion Ratio Lower Upper

244 100

212 8.1 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: BM047169.D

Acq: 13 Aug 2024 10:09

Tgt Ion:264 Resp: 1330346

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.5 17.3 25.9

