

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047564.D
 Acq On : 18 Sep 2024 20:25
 Operator : RC/JU
 Sample : P4089-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 365-351-294

Quant Time: Sep 19 03:19:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

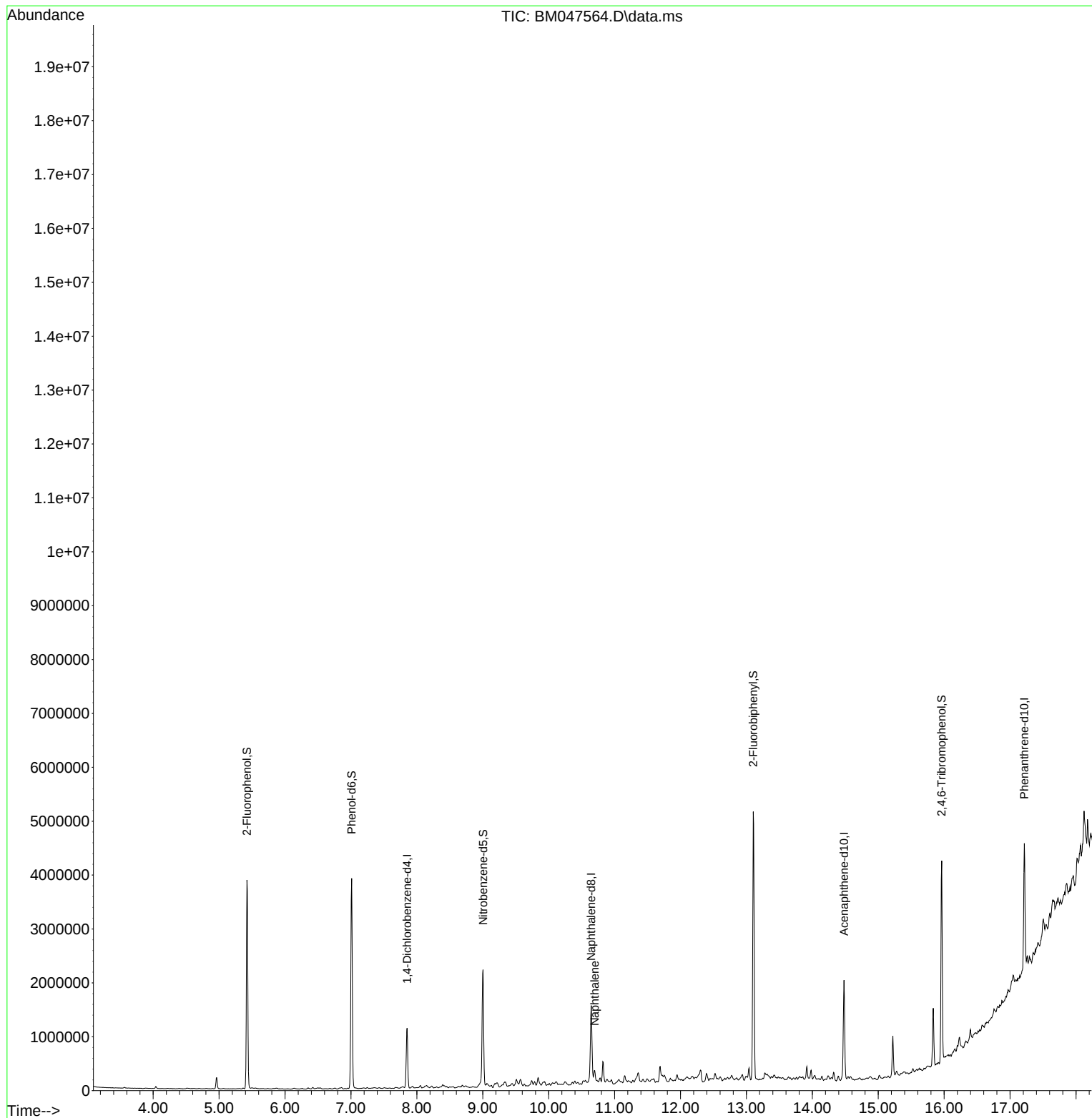
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	259466	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1060815	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	571560	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1206870	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	1147145	20.000	ng	0.00
86) Perylene-d12	24.480	264	1205120	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1557844	95.597	ng	0.00
7) Phenol-d6	7.010	99	2051740	89.403	ng	0.00
23) Nitrobenzene-d5	9.004	82	1241376	58.564	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	454874	82.336	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2289077	55.169	ng	0.00
79) Terphenyl-d14	19.833	244	3755453	58.663	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.698	128	159688	2.787	ng	99
75) Fluoranthene	19.268	202	169967	2.342	ng	69
78) Pyrene	19.627	202	192886	2.305	ng	# 81

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

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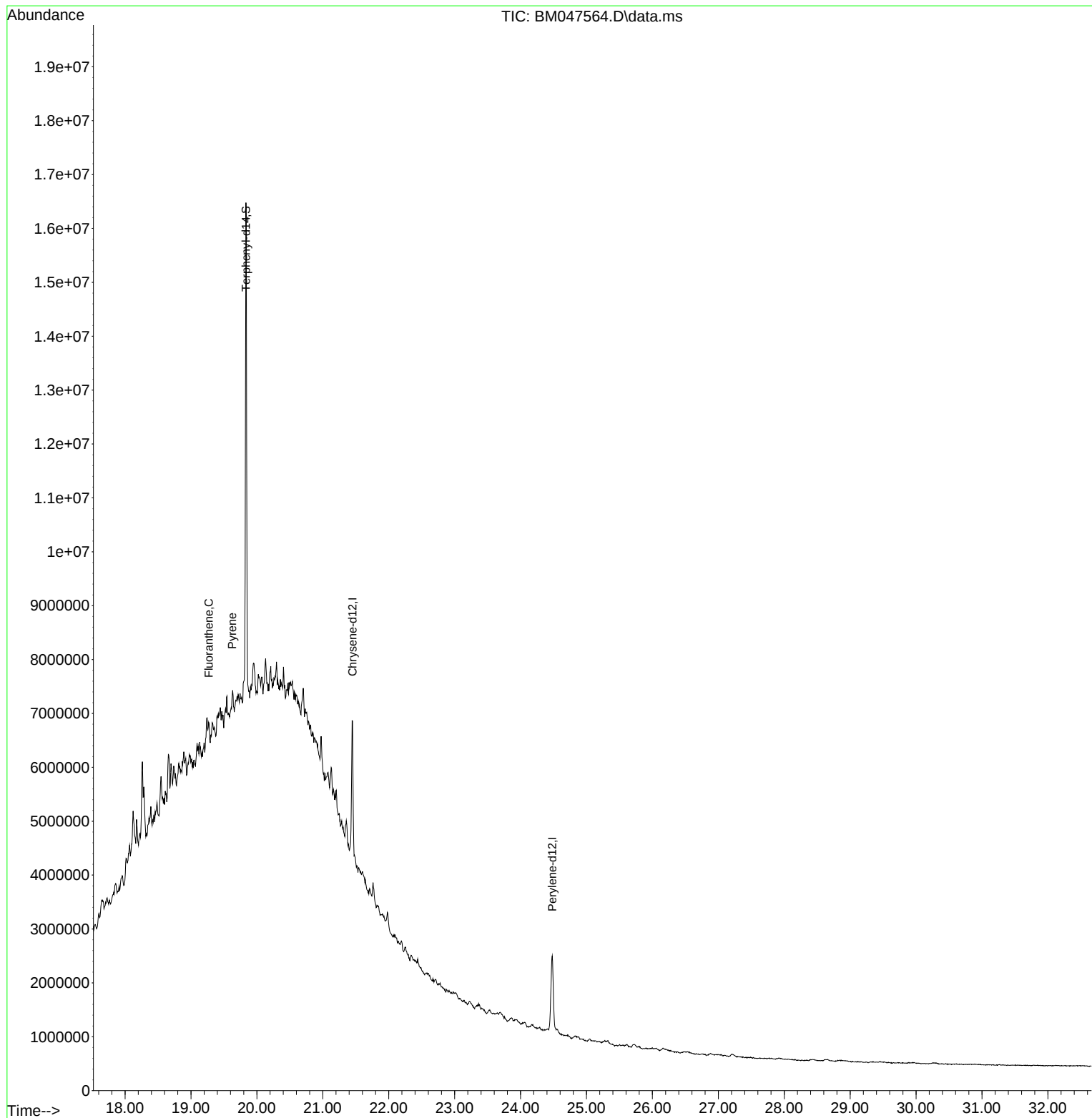
Quant Time: Sep 19 03:19:17 2024
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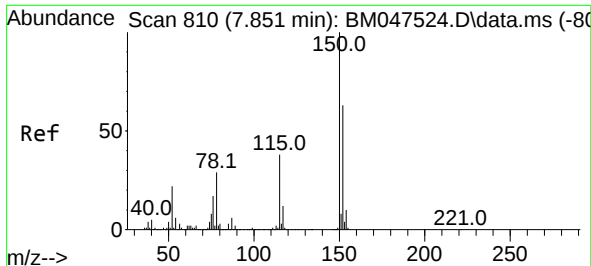


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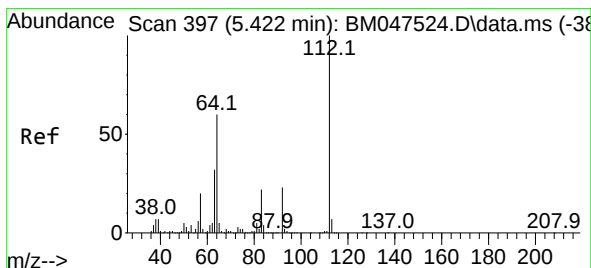
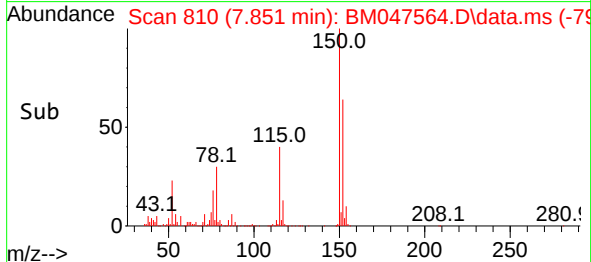
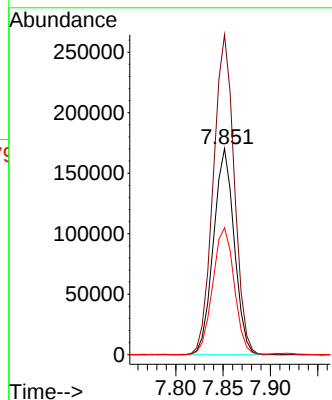
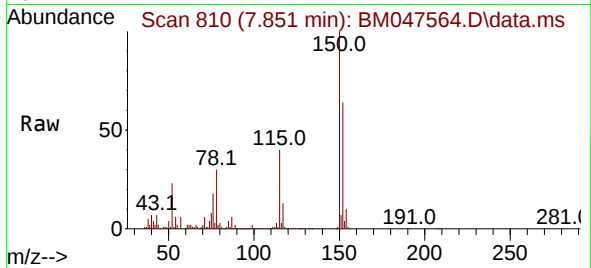




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047564.D
Acq: 18 Sep 2024 20:25

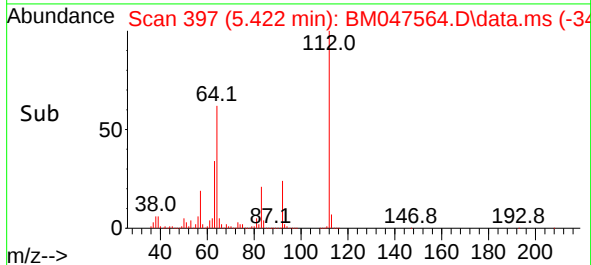
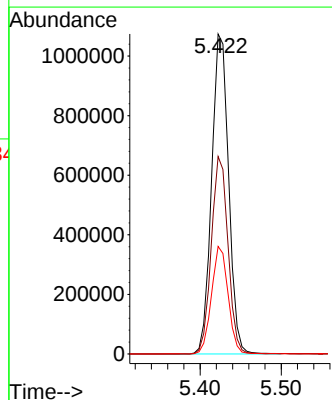
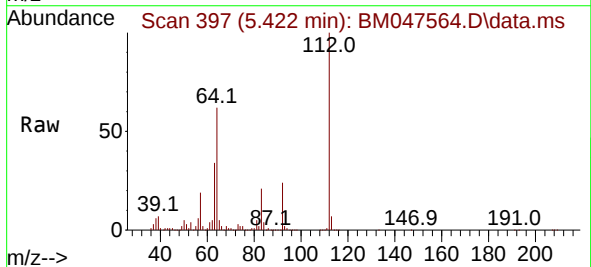
Instrument :
BNA_M
ClientSampleId :
365-351-294

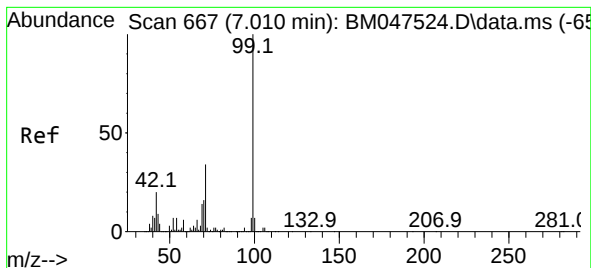
Tgt Ion:152 Resp: 259466
Ion Ratio Lower Upper
152 100
150 155.3 126.8 190.2
115 61.6 47.8 71.8



#5
2-Fluorophenol
Concen: 95.597 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047564.D
Acq: 18 Sep 2024 20:25

Tgt Ion:112 Resp: 1557844
Ion Ratio Lower Upper
112 100
64 61.7 48.2 72.4
63 33.6 26.0 39.0





#7

Phenol-d6

Concen: 89.403 ng

RT: 7.010 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

Instrument :

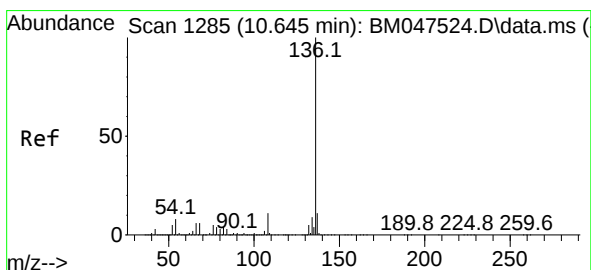
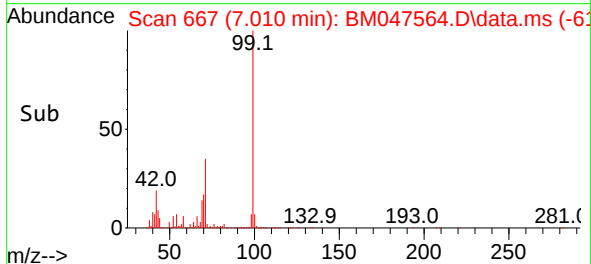
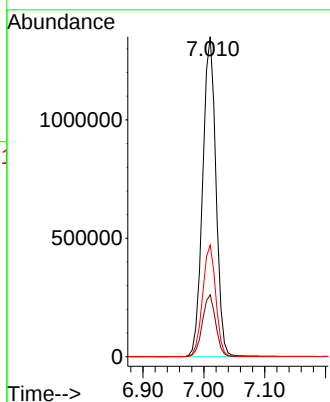
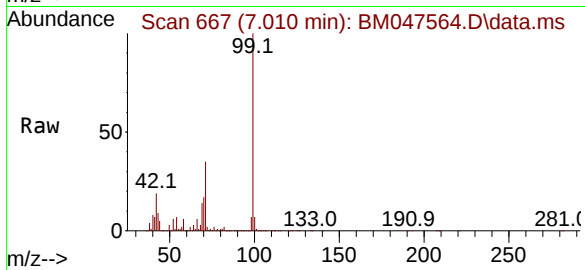
BNA_M

ClientSampleId :

365-351-294

Tgt Ion: 99 Resp: 2051740

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.8
71	34.9	27.6	41.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.645 min Scan# 1285

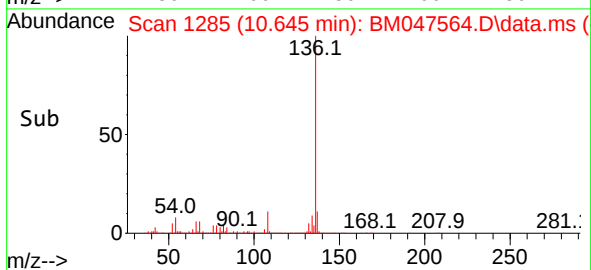
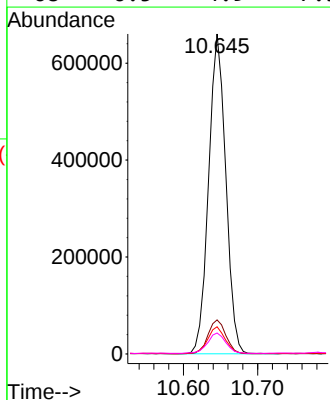
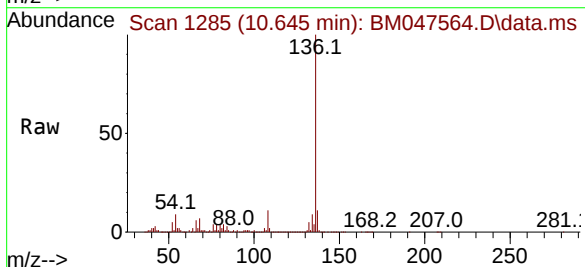
Delta R.T. 0.000 min

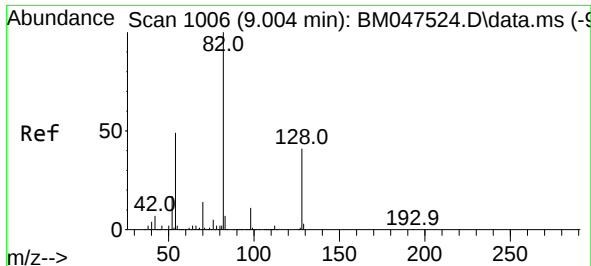
Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

Tgt Ion: 136 Resp: 1060815

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	8.5	6.6	9.8
68	6.5	4.9	7.3

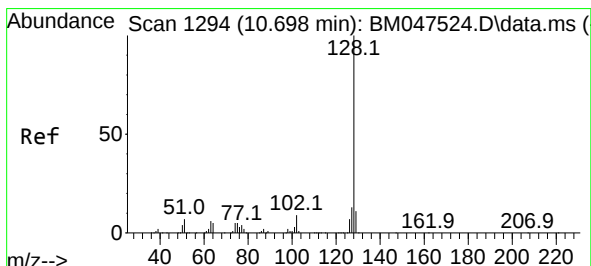
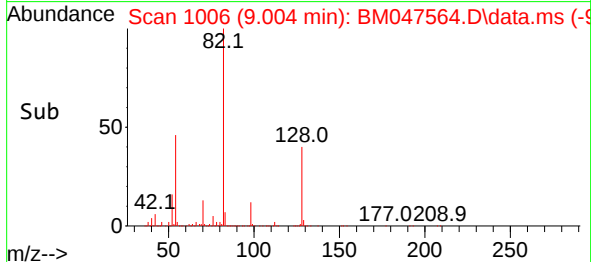
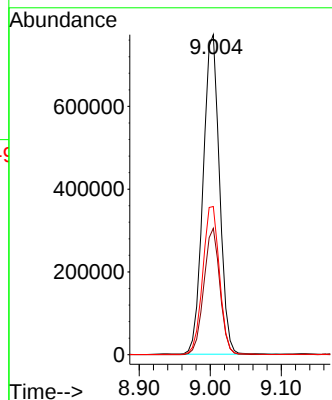
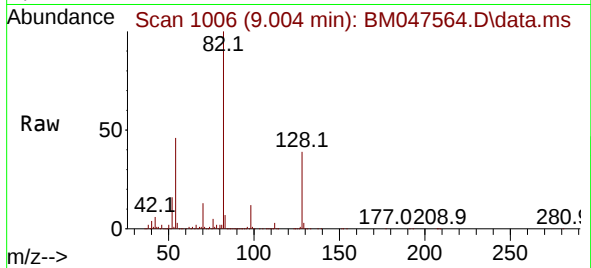




#23
Nitrobenzene-d5
Concen: 58.564 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM047564.D
Acq: 18 Sep 2024 20:25

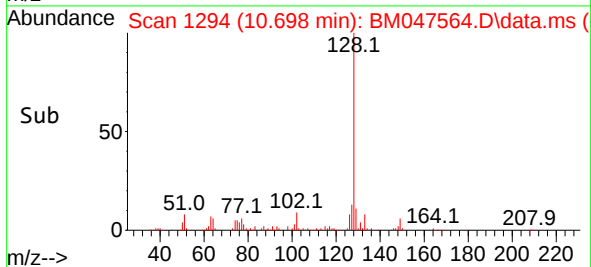
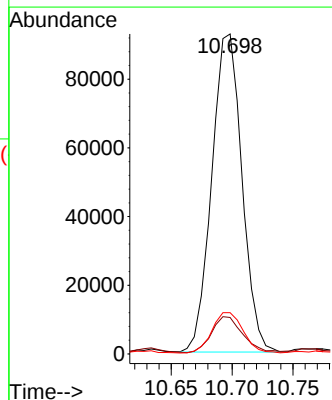
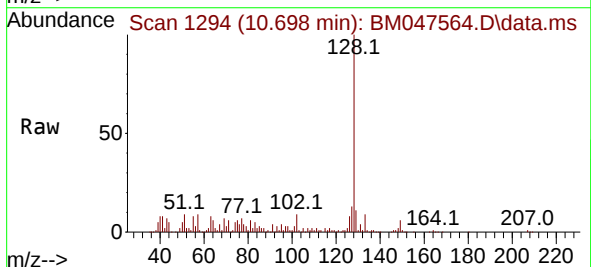
Instrument :
BNA_M
ClientSampleId :
365-351-294

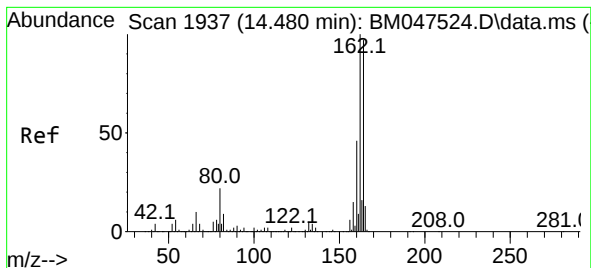
Tgt Ion: 82 Resp: 1241376
Ion Ratio Lower Upper
82 100
128 39.5 33.0 49.4
54 46.3 39.3 58.9



#31
Naphthalene
Concen: 2.787 ng
RT: 10.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BM047564.D
Acq: 18 Sep 2024 20:25

Tgt Ion:128 Resp: 159688
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 12.9 10.5 15.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

Instrument :

BNA_M

ClientSampleId :

365-351-294

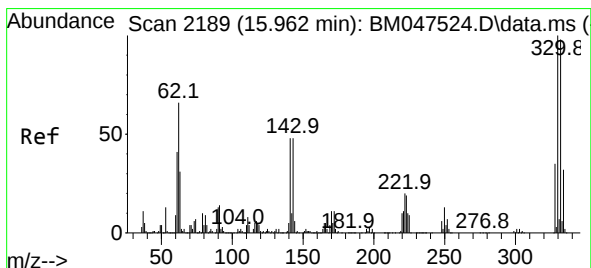
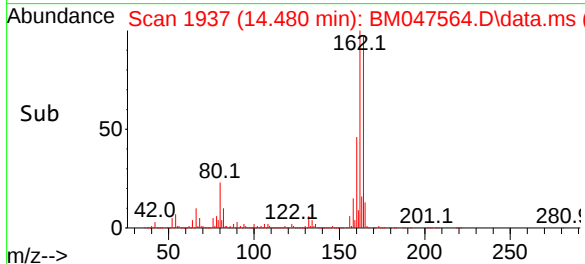
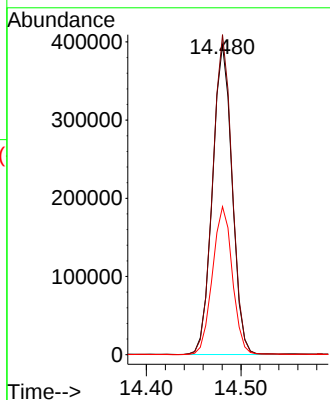
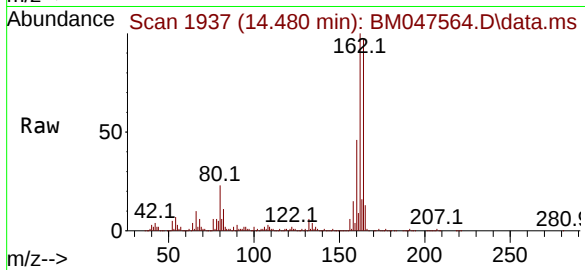
Tgt Ion:164 Resp: 571560

Ion Ratio Lower Upper

164 100

162 103.2 82.2 123.2

160 47.7 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 82.336 ng

RT: 15.963 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

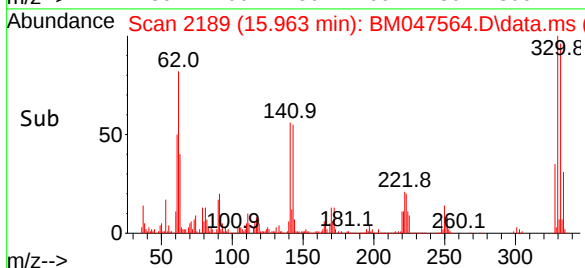
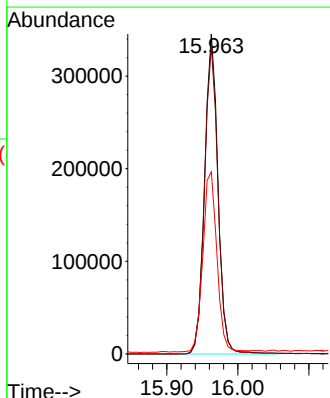
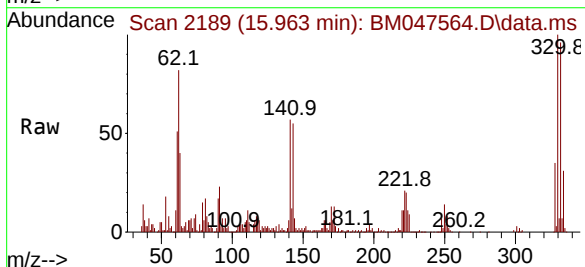
Tgt Ion:330 Resp: 454874

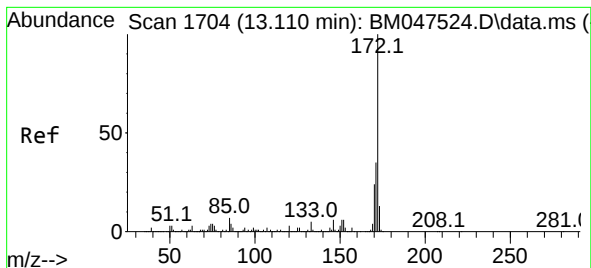
Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

141 58.9 42.2 63.2





#45

2-Fluorobiphenyl

Concen: 55.169 ng

RT: 13.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

Instrument :

BNA_M

ClientSampleId :

365-351-294

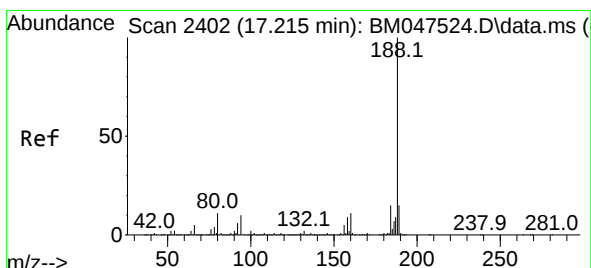
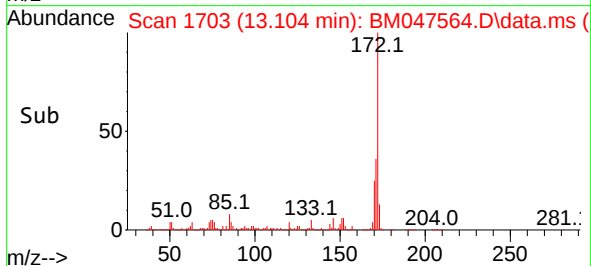
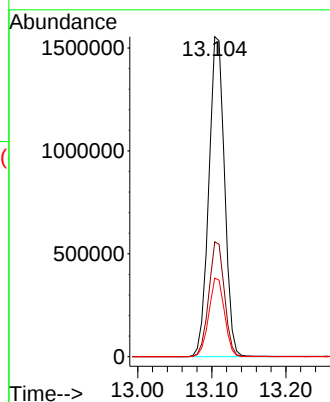
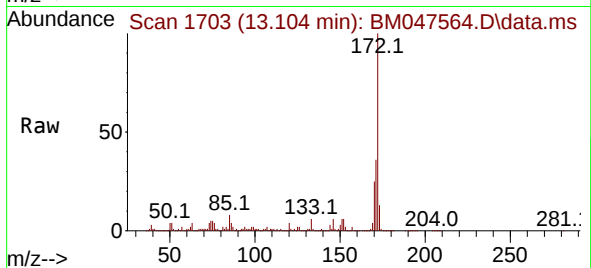
Tgt Ion:172 Resp: 2289077

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 24.6 19.4 29.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

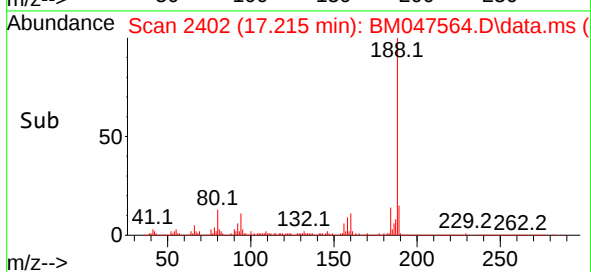
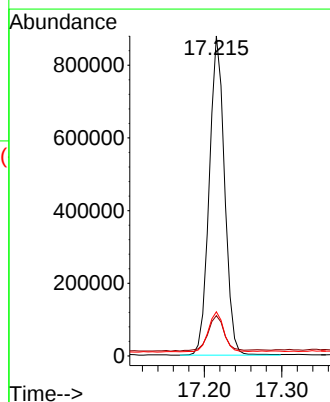
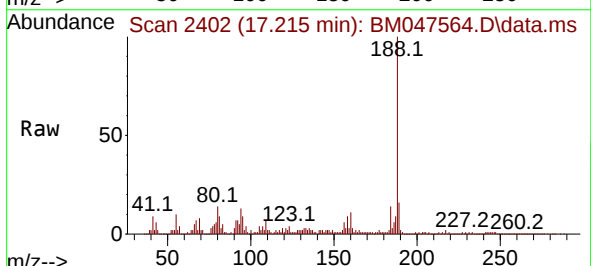
Tgt Ion:188 Resp: 1206870

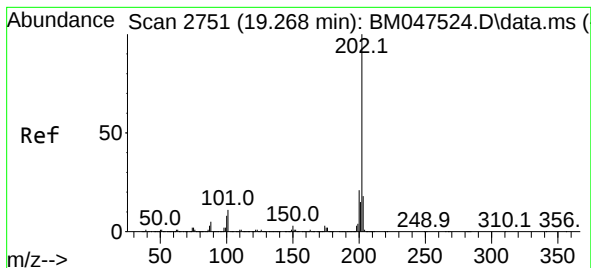
Ion Ratio Lower Upper

188 100

94 12.6 8.4 12.6

80 13.8 9.1 13.7#





#75

Fluoranthene

Concen: 2.342 ng

RT: 19.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

Instrument :

BNA_M

ClientSampleId :

365-351-294

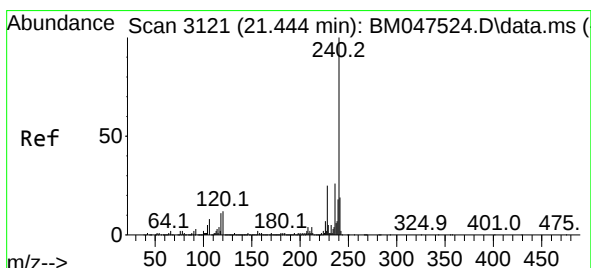
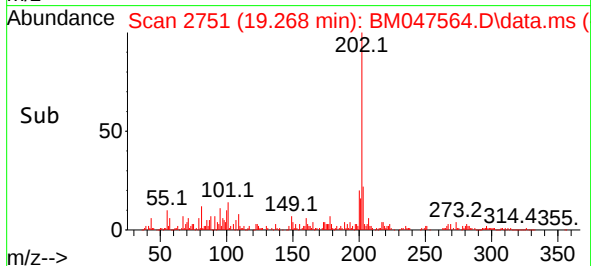
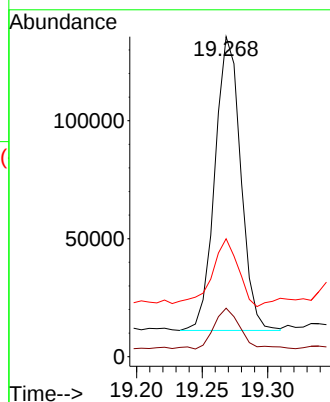
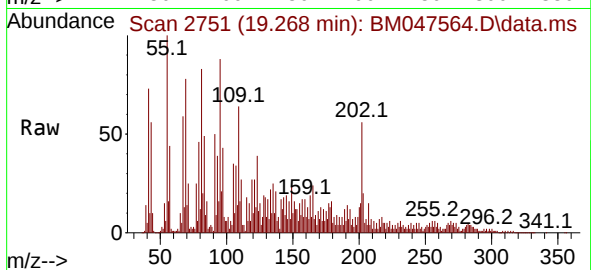
Tgt Ion:202 Resp: 169967

Ion Ratio Lower Upper

202 100

101 15.1 0.0 30.8

203 36.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.451 min Scan# 3122

Delta R.T. 0.007 min

Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

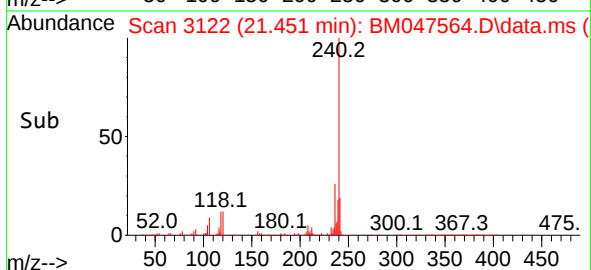
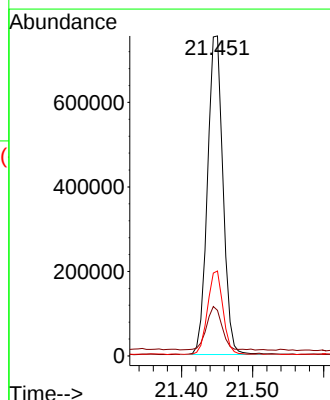
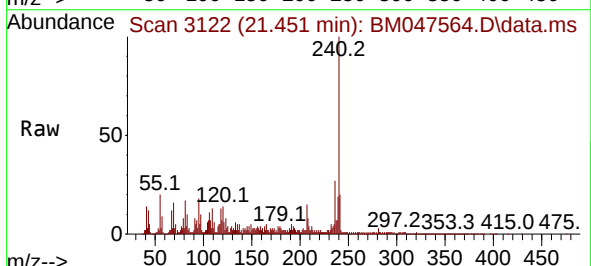
Tgt Ion:240 Resp: 1147145

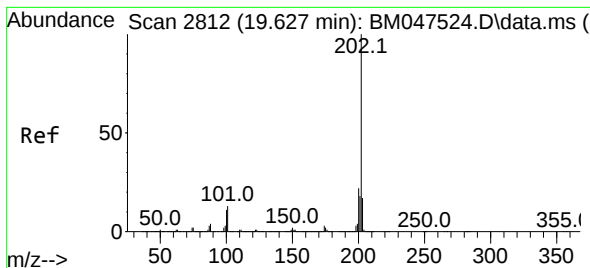
Ion Ratio Lower Upper

240 100

120 14.3 9.6 14.4

236 26.6 20.9 31.3





#78

Pyrene

Concen: 2.305 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

Instrument :

BNA_M

ClientSampleId :

365-351-294

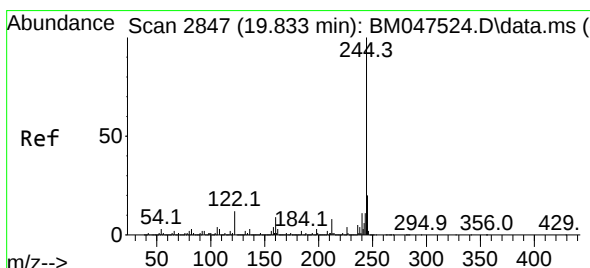
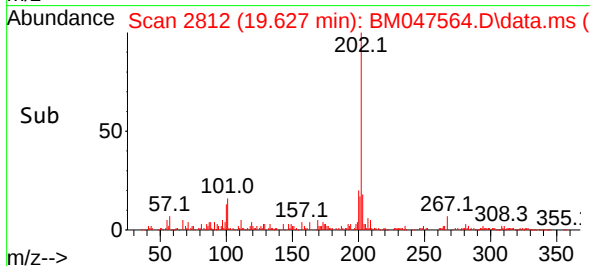
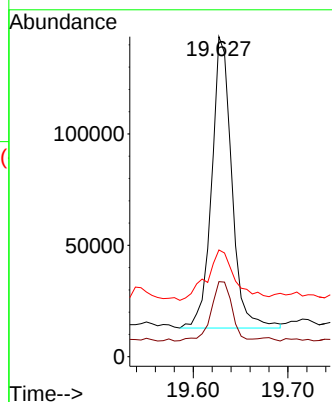
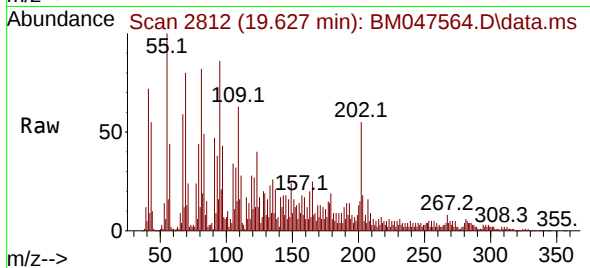
Tgt Ion:202 Resp: 192886

Ion Ratio Lower Upper

202 100

200 23.5 17.2 25.8

203 33.3 14.0 21.0#



#79

Terphenyl-d14

Concen: 58.663 ng

RT: 19.833 min Scan# 2847

Delta R.T. 0.000 min

Lab File: BM047564.D

Acq: 18 Sep 2024 20:25

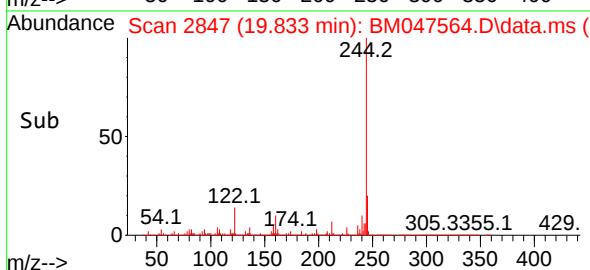
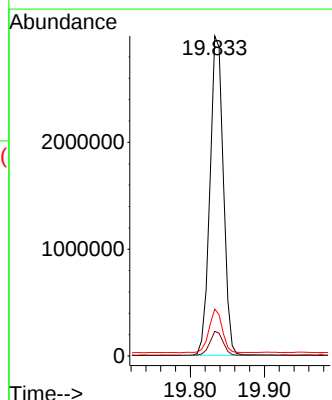
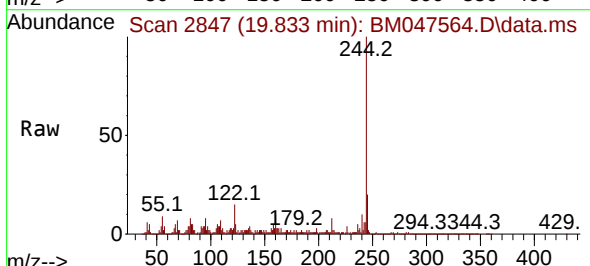
Tgt Ion:244 Resp: 3755453

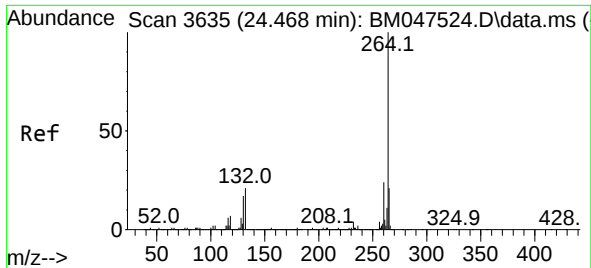
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 14.6 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.480 min Scan# 30
Delta R.T. 0.012 min
Lab File: BM047564.D
Acq: 18 Sep 2024 20:25

Instrument :
BNA_M
ClientSampleId :
365-351-294

Tgt Ion:264 Resp: 1205120

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.2	17.4	26.2

