

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047563.D
 Acq On : 18 Sep 2024 19:45
 Operator : RC/JU
 Sample : P4087-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-03

Quant Time: Sep 19 03:18:59 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)

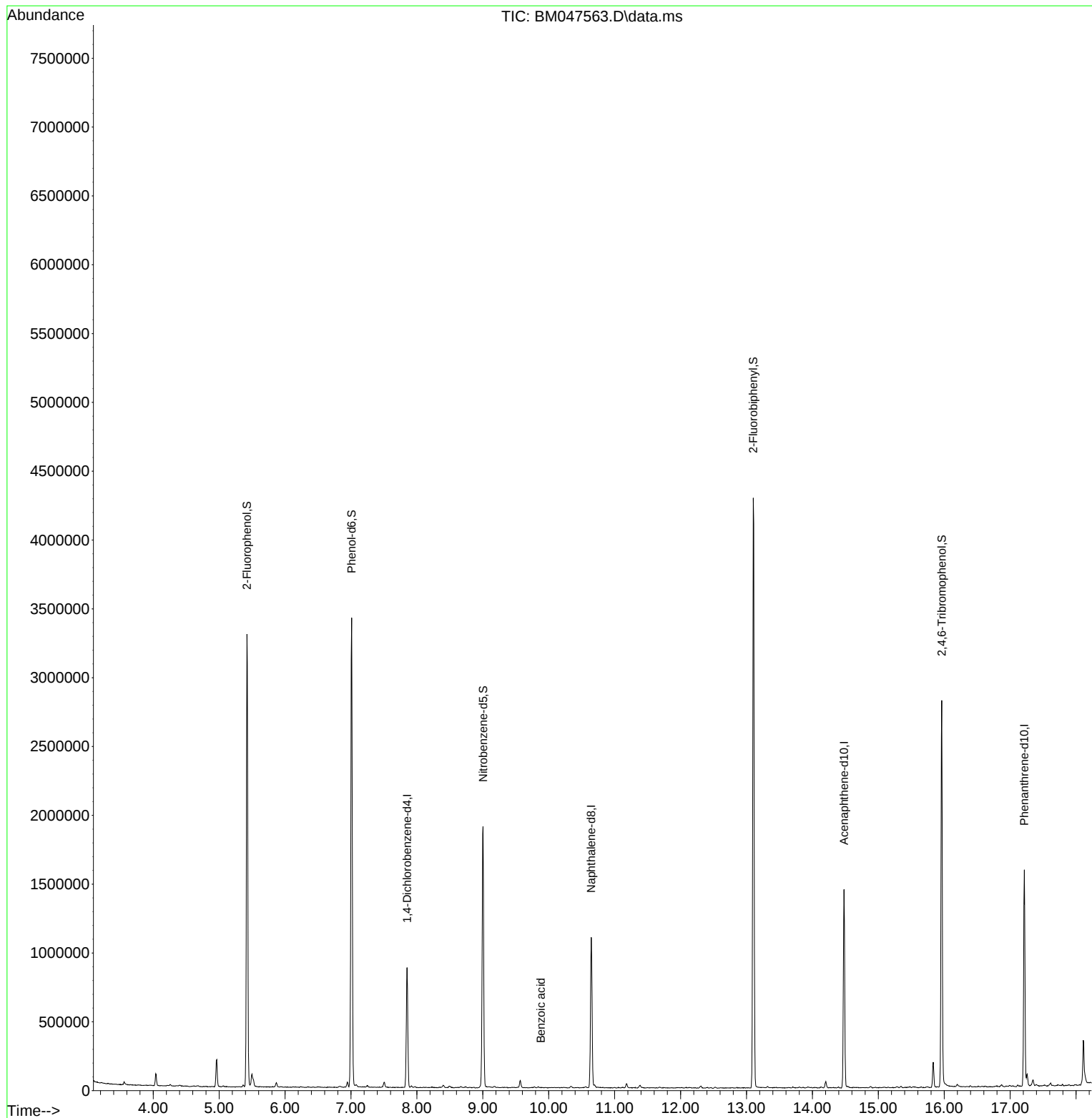
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	216666	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	861746	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	440254	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	824165	20.000	ng	0.00
76) Chrysene-d12	21.439	240	722182	20.000	ng	# 0.00
86) Perylene-d12	24.474	264	802909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1318876	96.920	ng	0.00
7) Phenol-d6	7.010	99	1794518	93.642	ng	0.00
23) Nitrobenzene-d5	9.004	82	1088041	63.188	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	343531	80.728	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1947475	60.935	ng	0.00
79) Terphenyl-d14	19.833	244	2536798	62.945	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.880	122	81	6.707	ng	# 84
75) Fluoranthene	19.262	202	152297	3.073	ng	96
78) Pyrene	19.627	202	140333	2.664	ng	98
83) Chrysene	21.486	228	105961	2.380	ng	96
88) Benzo(b)fluoranthene	23.515	252	151105	2.909	ng	# 96
89) Benzo(k)fluoranthene	23.515	252	151105	2.935	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
Data File : BM047563.D
Acq On : 18 Sep 2024 19:45
Operator : RC/JU
Sample : P4087-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03

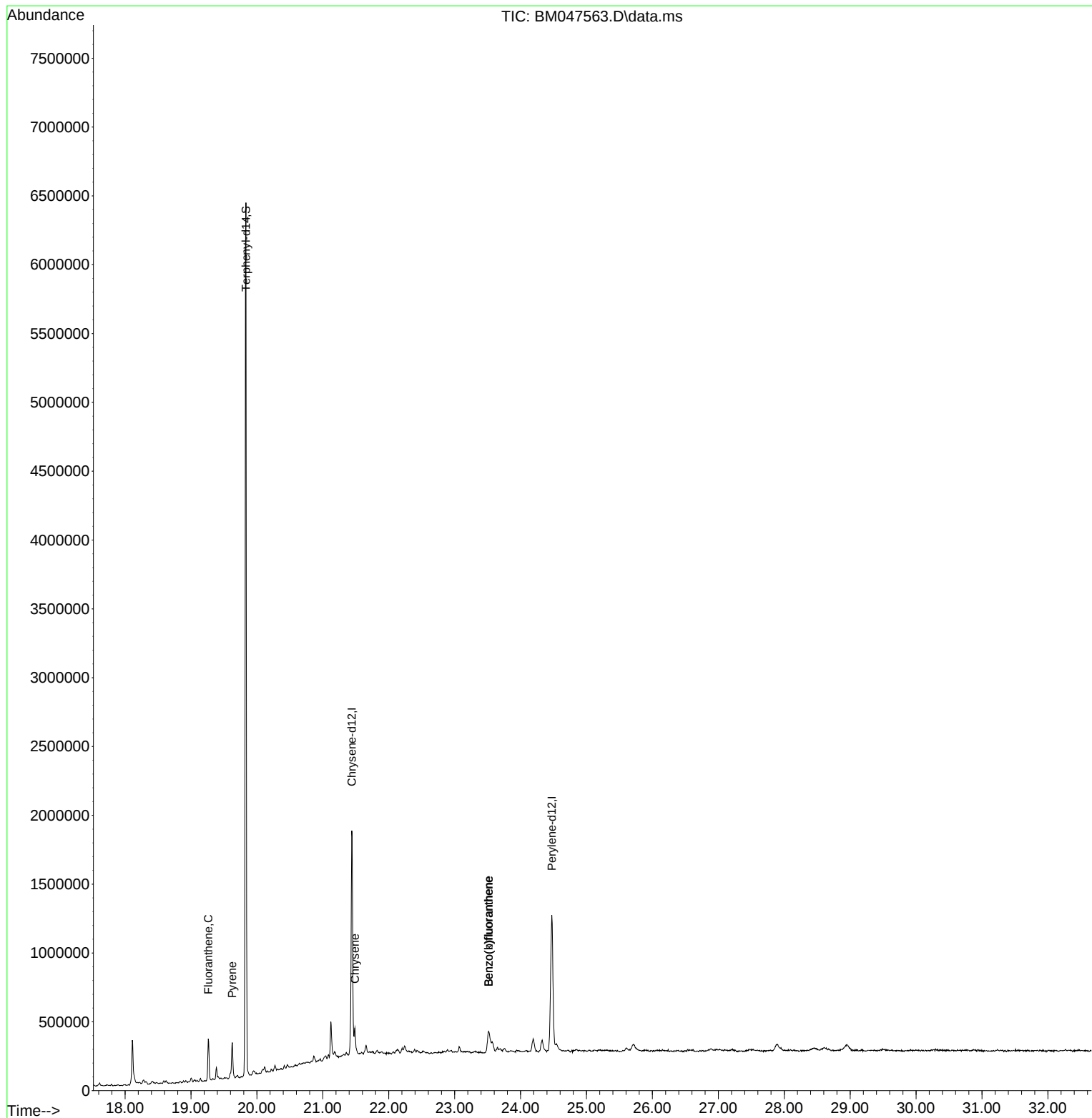
Quant Time: Sep 19 03:18:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

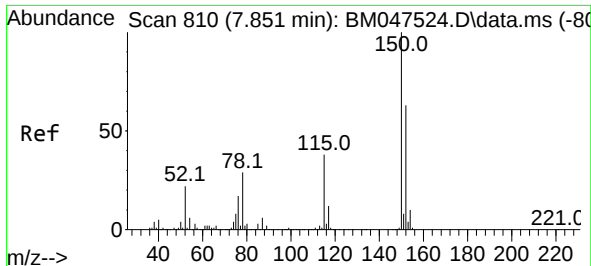


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
Data File : BM047563.D
Acq On : 18 Sep 2024 19:45
Operator : RC/JU
Sample : P4087-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03

Quant Time: Sep 19 03:18:59 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

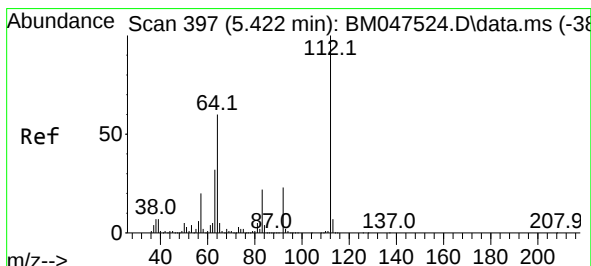
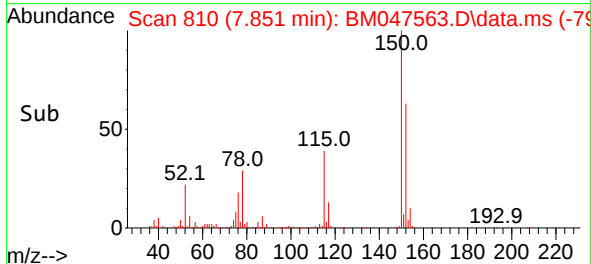
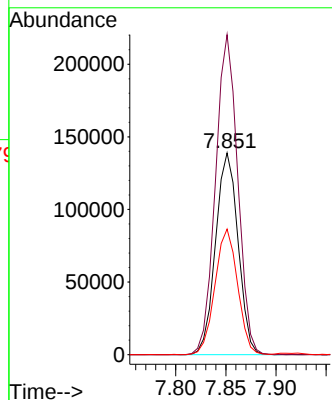
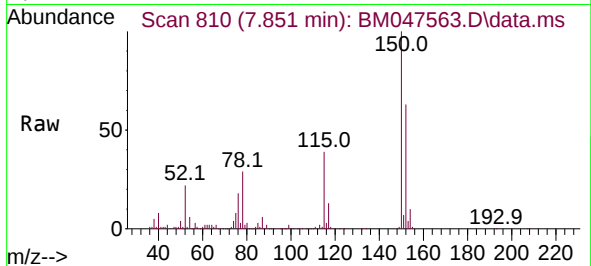




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

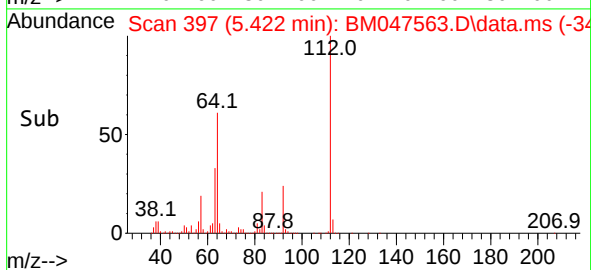
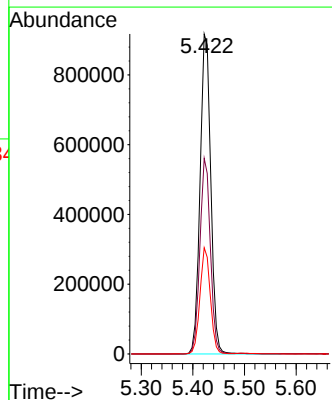
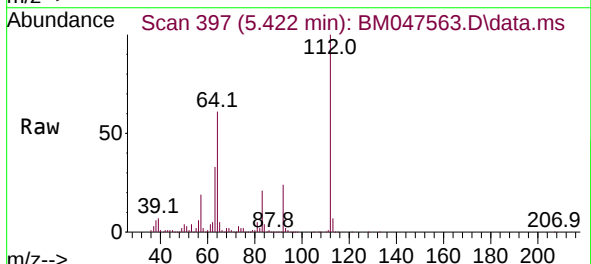
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03

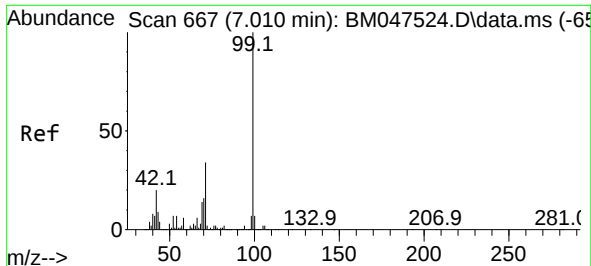
Tgt Ion:152 Resp: 216666
Ion Ratio Lower Upper
152 100
150 158.6 126.8 190.2
115 62.2 47.8 71.8



#5
2-Fluorophenol
Concen: 96.920 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

Tgt Ion:112 Resp: 1318876
Ion Ratio Lower Upper
112 100
64 61.2 48.2 72.4
63 33.2 26.0 39.0

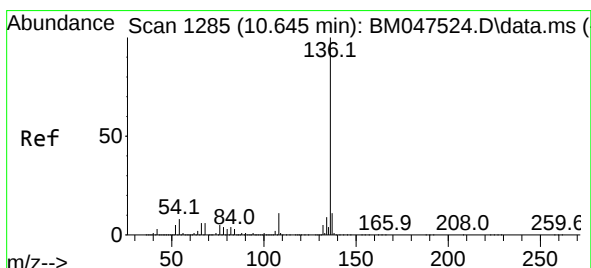
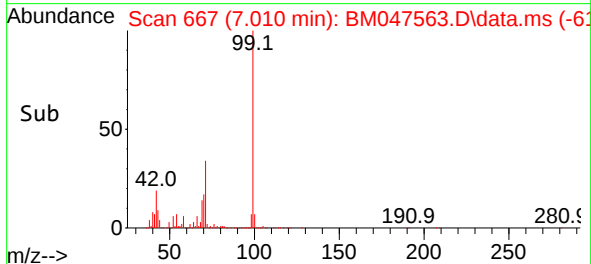
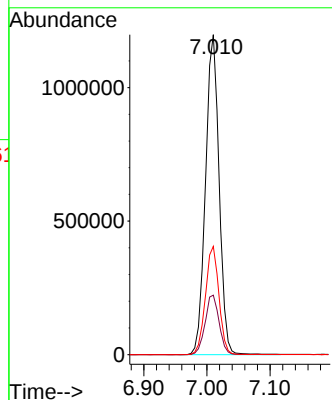
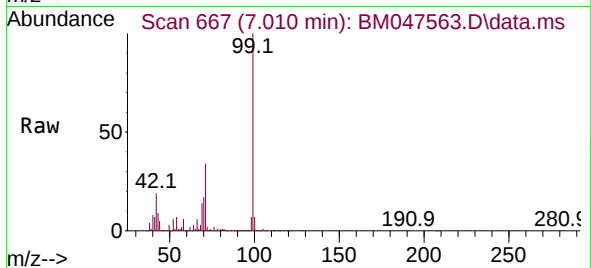




#7
Phenol-d6
Concen: 93.642 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

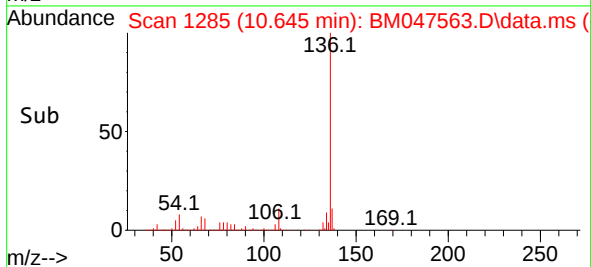
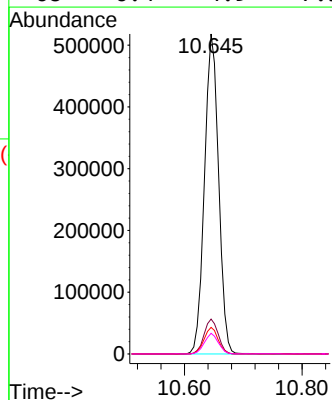
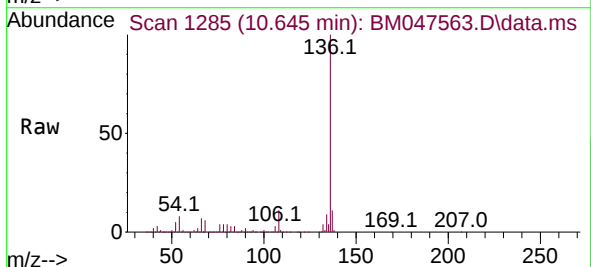
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03

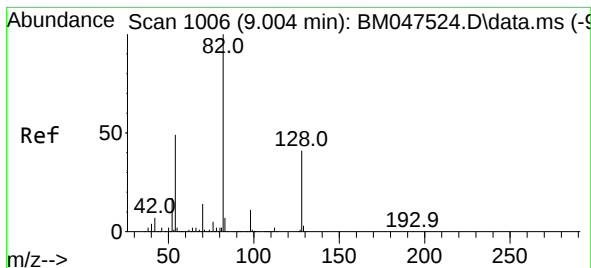
Tgt Ion: 99 Resp: 1794518
Ion Ratio Lower Upper
99 100
42 18.6 15.8 23.8
71 33.9 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

Tgt Ion: 136 Resp: 861746
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.3 6.6 9.8
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 63.188 ng

RT: 9.004 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BM047563.D

Acq: 18 Sep 2024 19:45

Instrument :

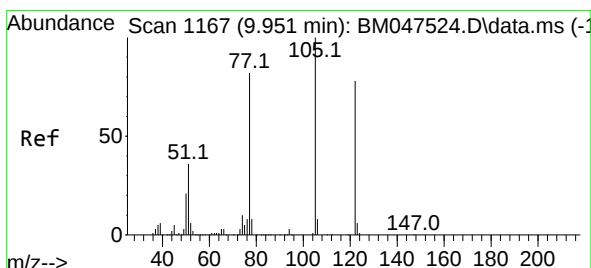
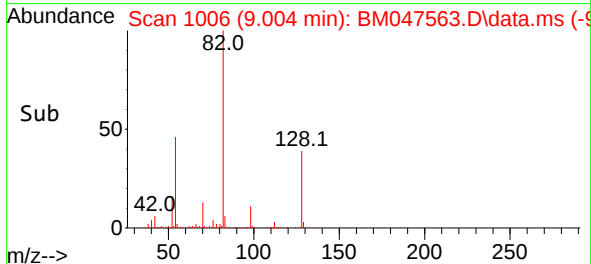
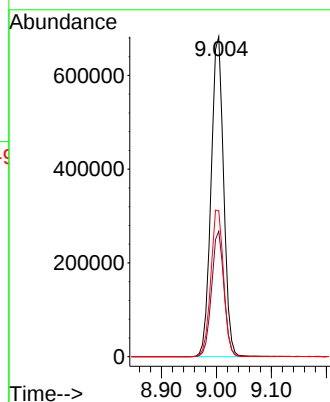
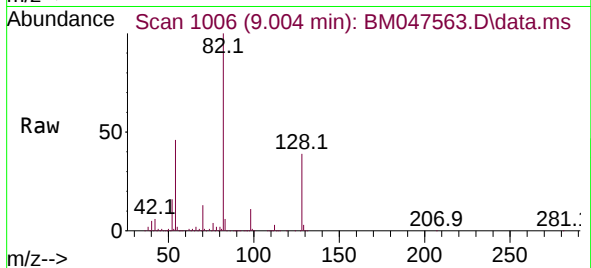
BNA_M

ClientSampleId :

NB-614-COMP-03

Tgt Ion: 82 Resp: 1088041

Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.0	49.4
54	45.6	39.3	58.9



#32

Benzoic acid

Concen: 6.707 ng

RT: 9.880 min Scan# 1155

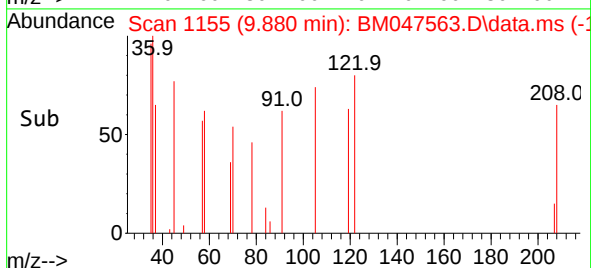
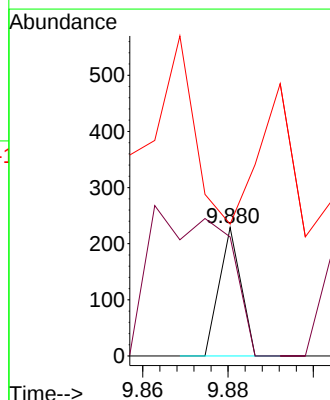
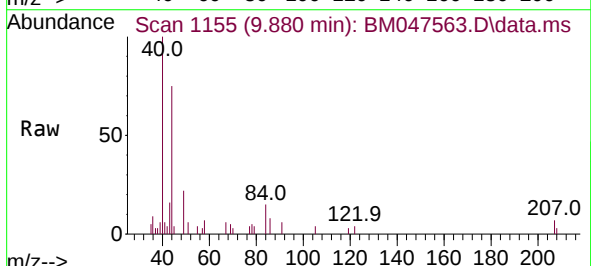
Delta R.T. -0.071 min

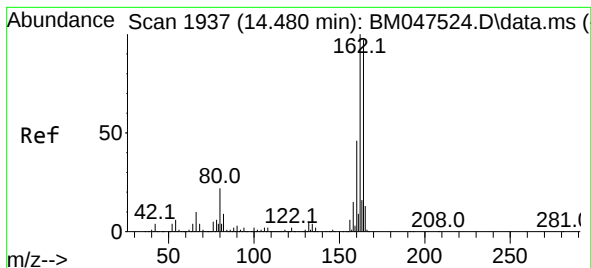
Lab File: BM047563.D

Acq: 18 Sep 2024 19:45

Tgt Ion: 122 Resp: 81

Ion	Ratio	Lower	Upper
122	100		
105	92.6	104.7	144.7#
77	102.6	83.4	123.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM047563.D

Acq: 18 Sep 2024 19:45

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-03

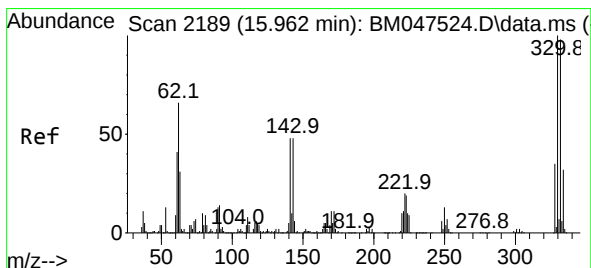
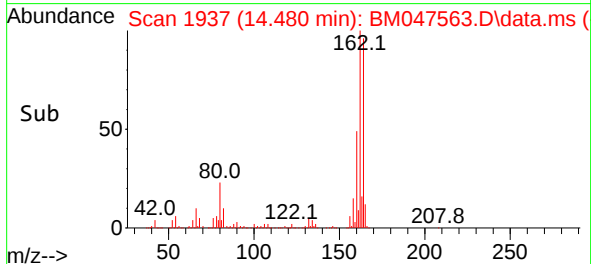
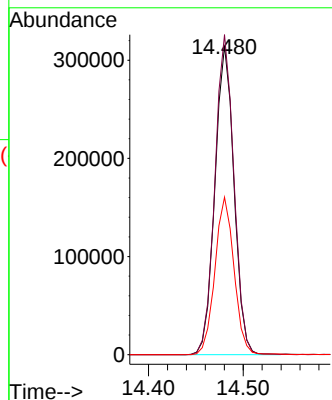
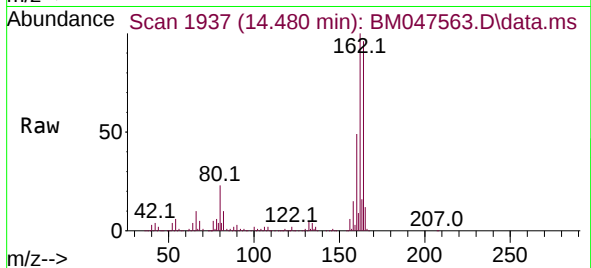
Tgt Ion:164 Resp: 440254

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

160 51.0 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 80.728 ng

RT: 15.962 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BM047563.D

Acq: 18 Sep 2024 19:45

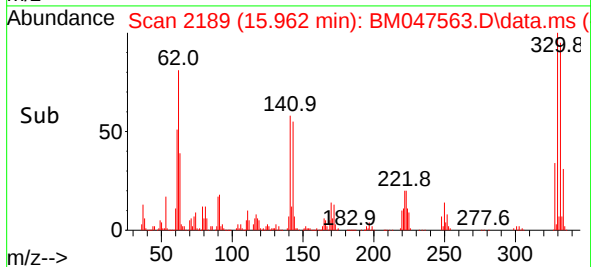
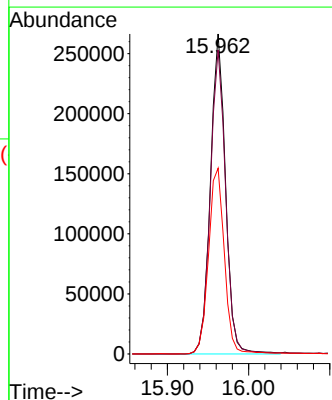
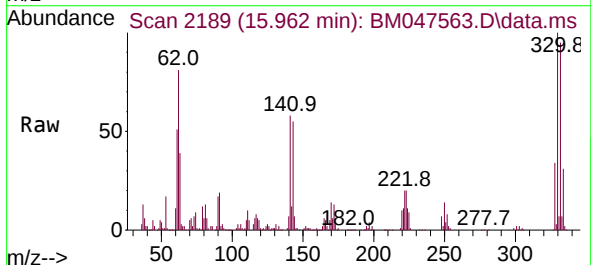
Tgt Ion:330 Resp: 343531

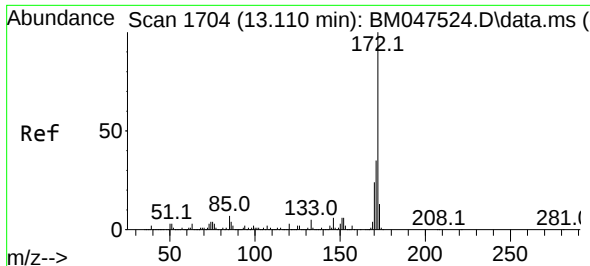
Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 61.4 42.2 63.2

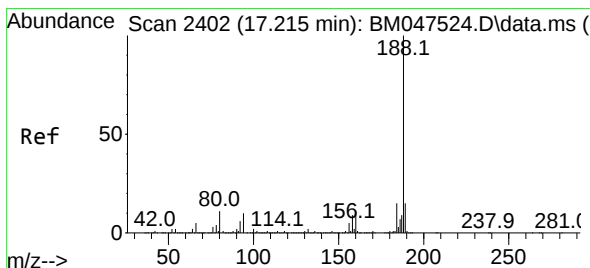
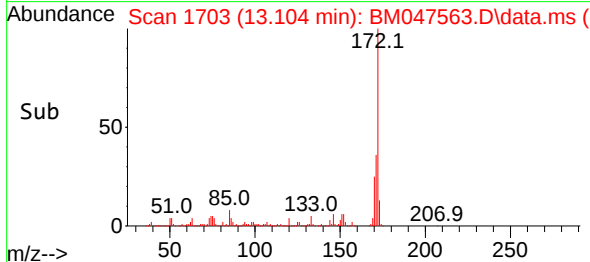
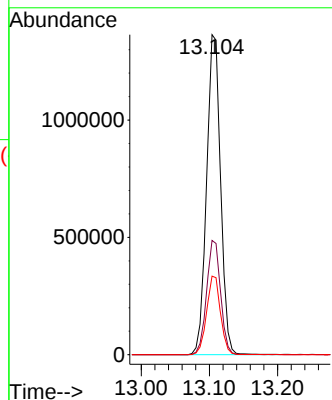
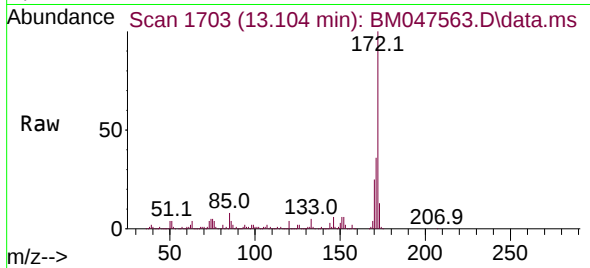




#45
2-Fluorobiphenyl
Concen: 60.935 ng
RT: 13.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

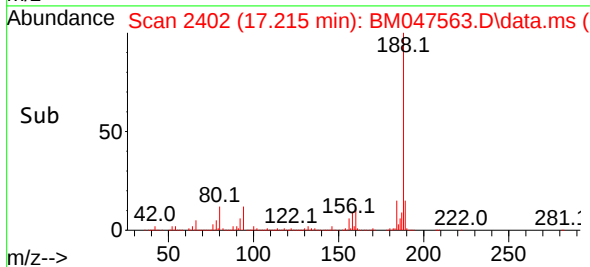
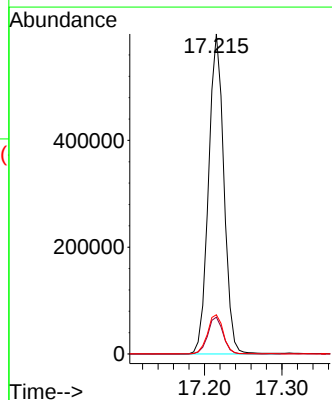
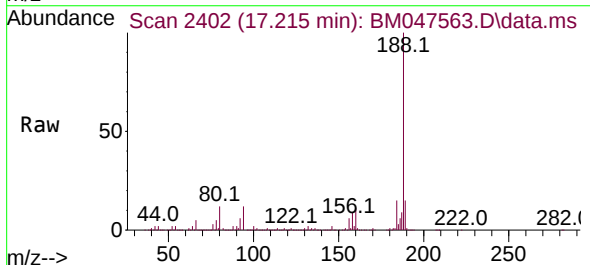
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03

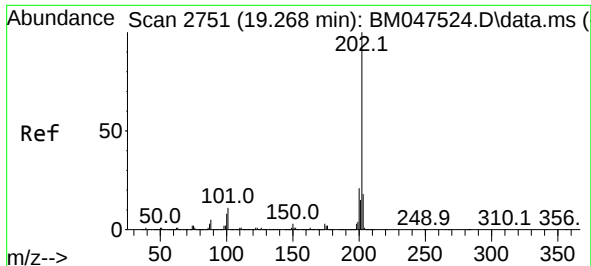
Tgt Ion:172 Resp: 1947475
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.6 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

Tgt Ion:188 Resp: 824165
Ion Ratio Lower Upper
188 100
94 11.5 8.4 12.6
80 12.3 9.1 13.7

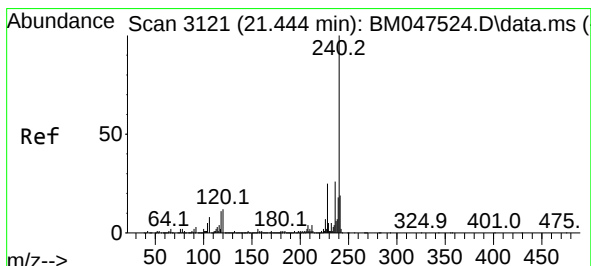
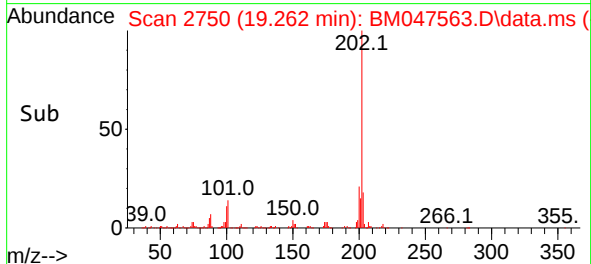
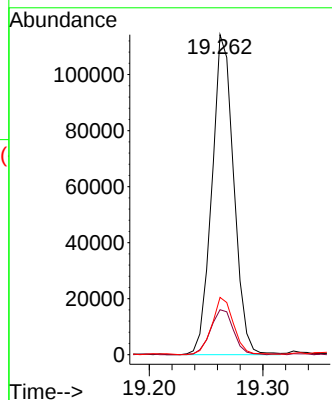
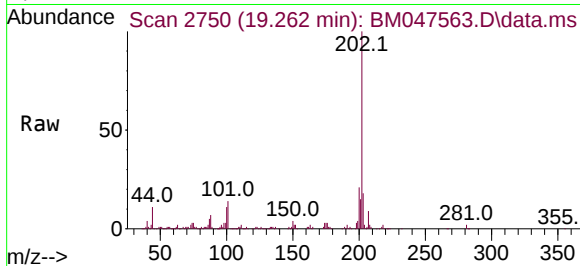




#75
Fluoranthene
Concen: 3.073 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

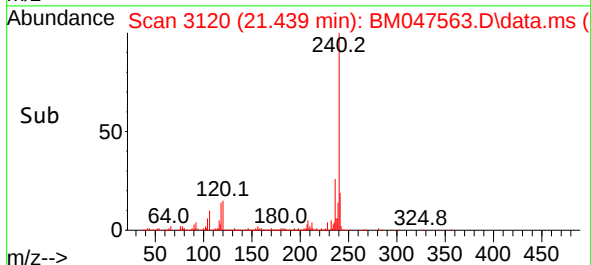
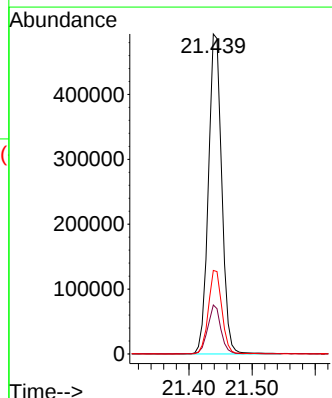
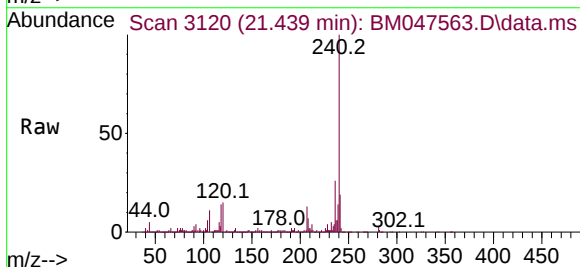
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03

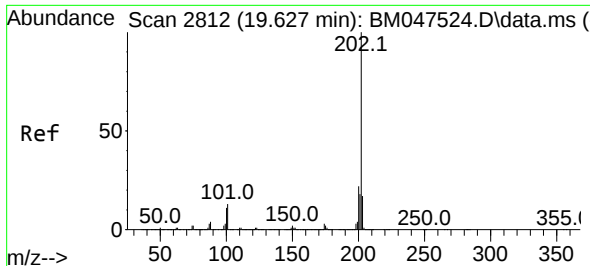
Tgt Ion:202 Resp: 152297
Ion Ratio Lower Upper
202 100
101 14.1 0.0 30.8
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

Tgt Ion:240 Resp: 722182
Ion Ratio Lower Upper
240 100
120 15.3 9.6 14.4#
236 26.1 20.9 31.3

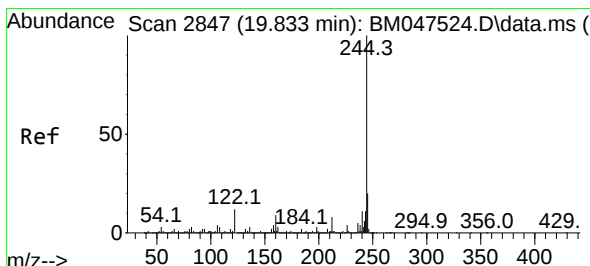
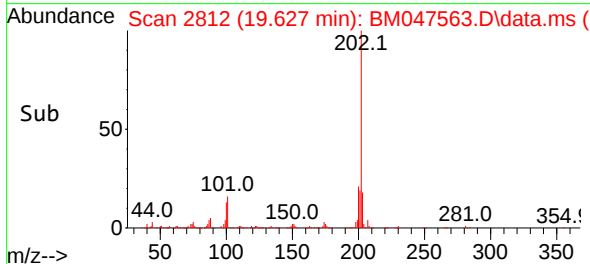
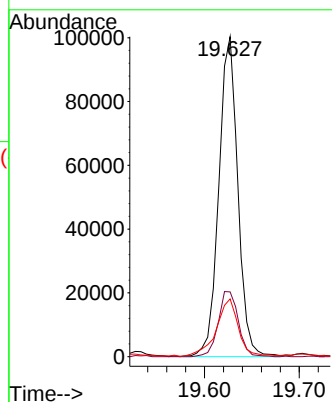
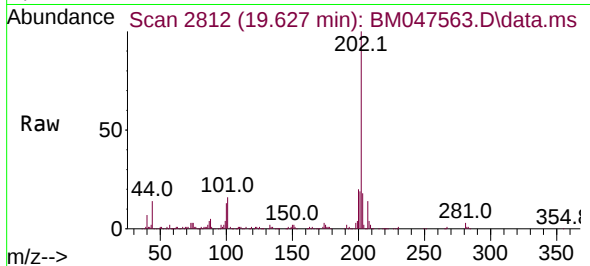




#78
Pyrene
Concen: 2.664 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

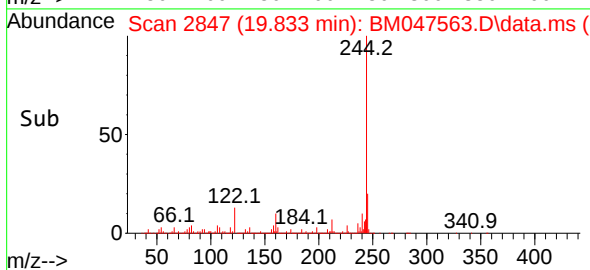
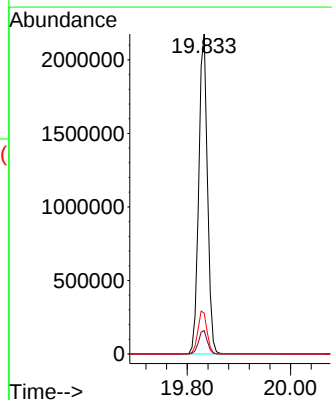
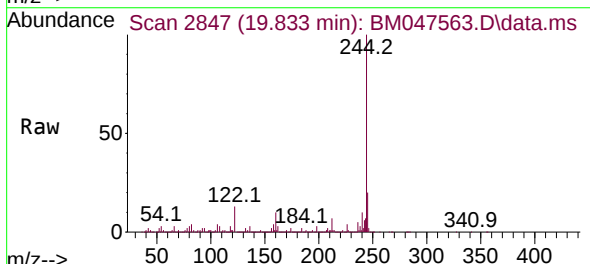
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03

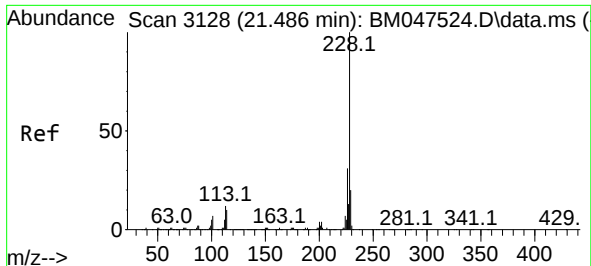
Tgt Ion:202 Resp: 140333
Ion Ratio Lower Upper
202 100
200 20.3 17.2 25.8
203 18.0 14.0 21.0



#79
Terphenyl-d14
Concen: 62.945 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

Tgt Ion:244 Resp: 2536798
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 12.8 9.6 14.4

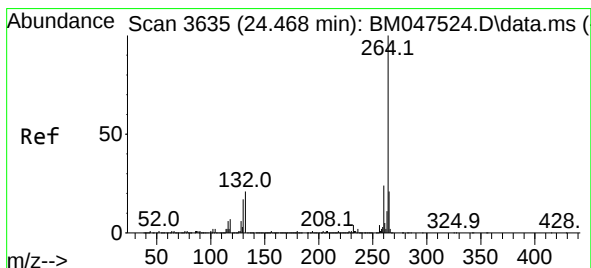
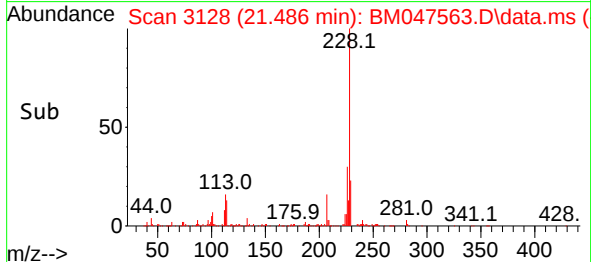
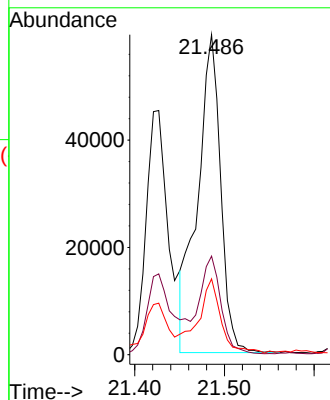
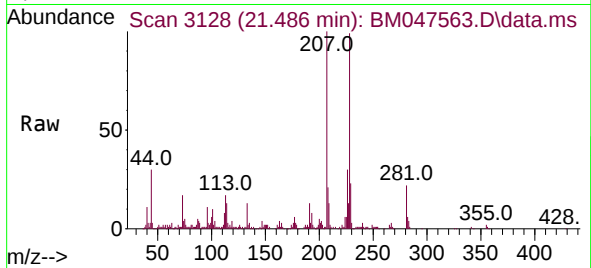




#83
Chrysene
Concen: 2.380 ng
RT: 21.486 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

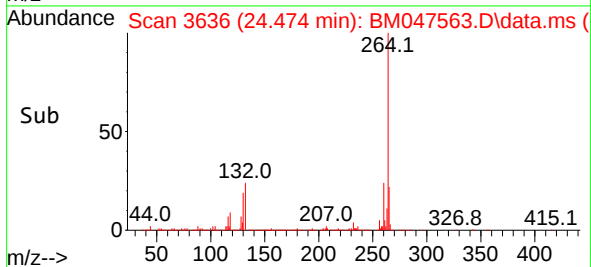
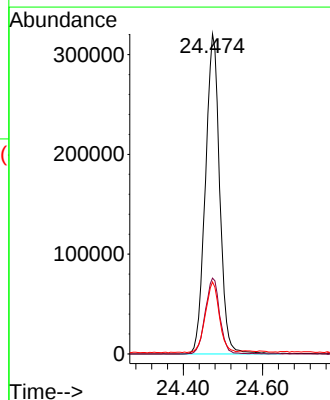
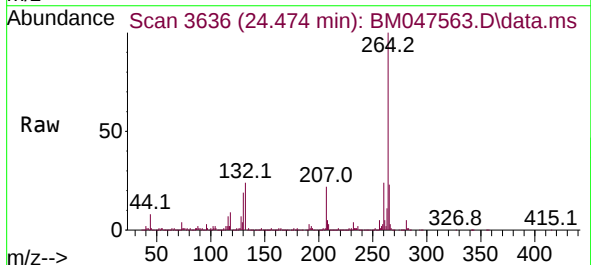
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03

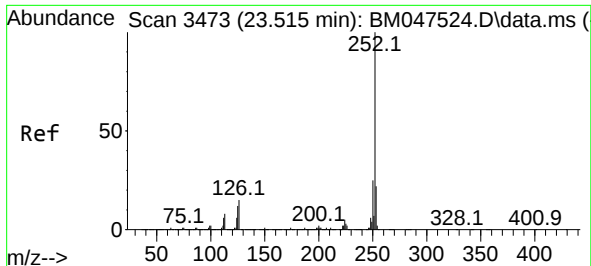
Tgt Ion:228 Resp: 105961
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 23.7 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3636
Delta R.T. 0.006 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

Tgt Ion:264 Resp: 802909
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.5 17.4 26.2

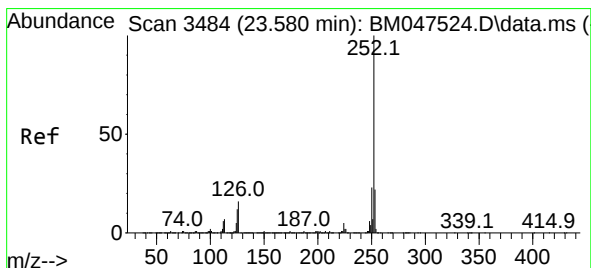
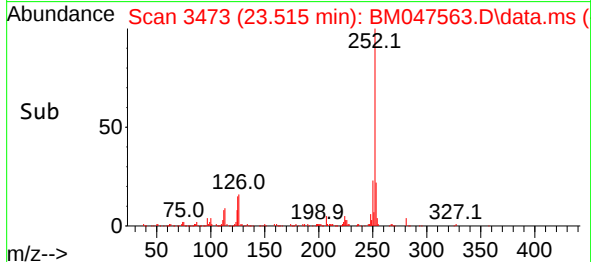
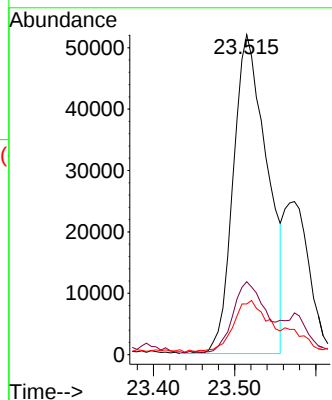
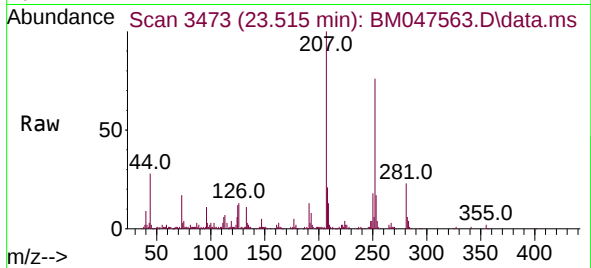




#88
Benzo(b)fluoranthene
Concen: 2.909 ng
RT: 23.515 min Scan# 3473
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03

Tgt Ion:252 Resp: 151105
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 15.9 9.5 14.3#



#89
Benzo(k)fluoranthene
Concen: 2.935 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.065 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

Tgt Ion:252 Resp: 151105
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 15.9 9.5 14.3#

