

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047575.D
Acq On : 19 Sep 2024 17:53
Operator : RC/JU
Sample : PB163525BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163525BL

Quant Time: Sep 20 02:31:54 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	7.840	152	321878	20.000	ng	-0.01
21) Naphthalene-d8	10.634	136	1220647	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	605405	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	1062846	20.000	ng	-0.01
76) Chrysene-d12	21.427	240	741692	20.000	ng	-0.02
86) Perylene-d12	24.450	264	785495	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3220419	159.303	ng	0.00
7) Phenol-d6	7.004	99	3991702	140.210	ng	0.00
23) Nitrobenzene-d5	8.992	82	2404920	98.601	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	835950	142.854	ng	-0.01
45) 2-Fluorobiphenyl	13.098	172	4320386	98.305	ng	-0.01
79) Terphenyl-d14	19.821	244	5412069	130.756	ng	-0.01

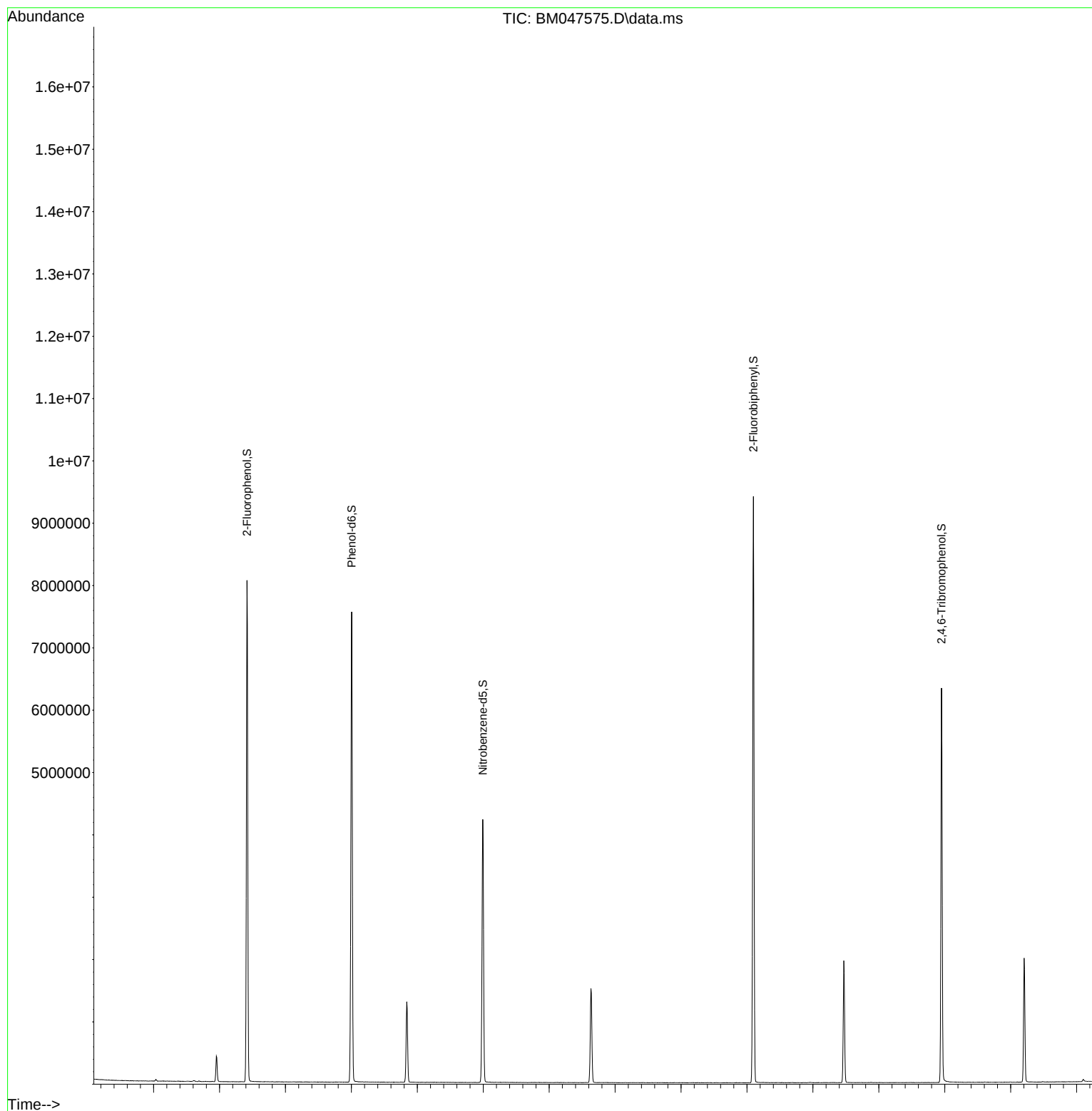
Target Compounds	Qvalue

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

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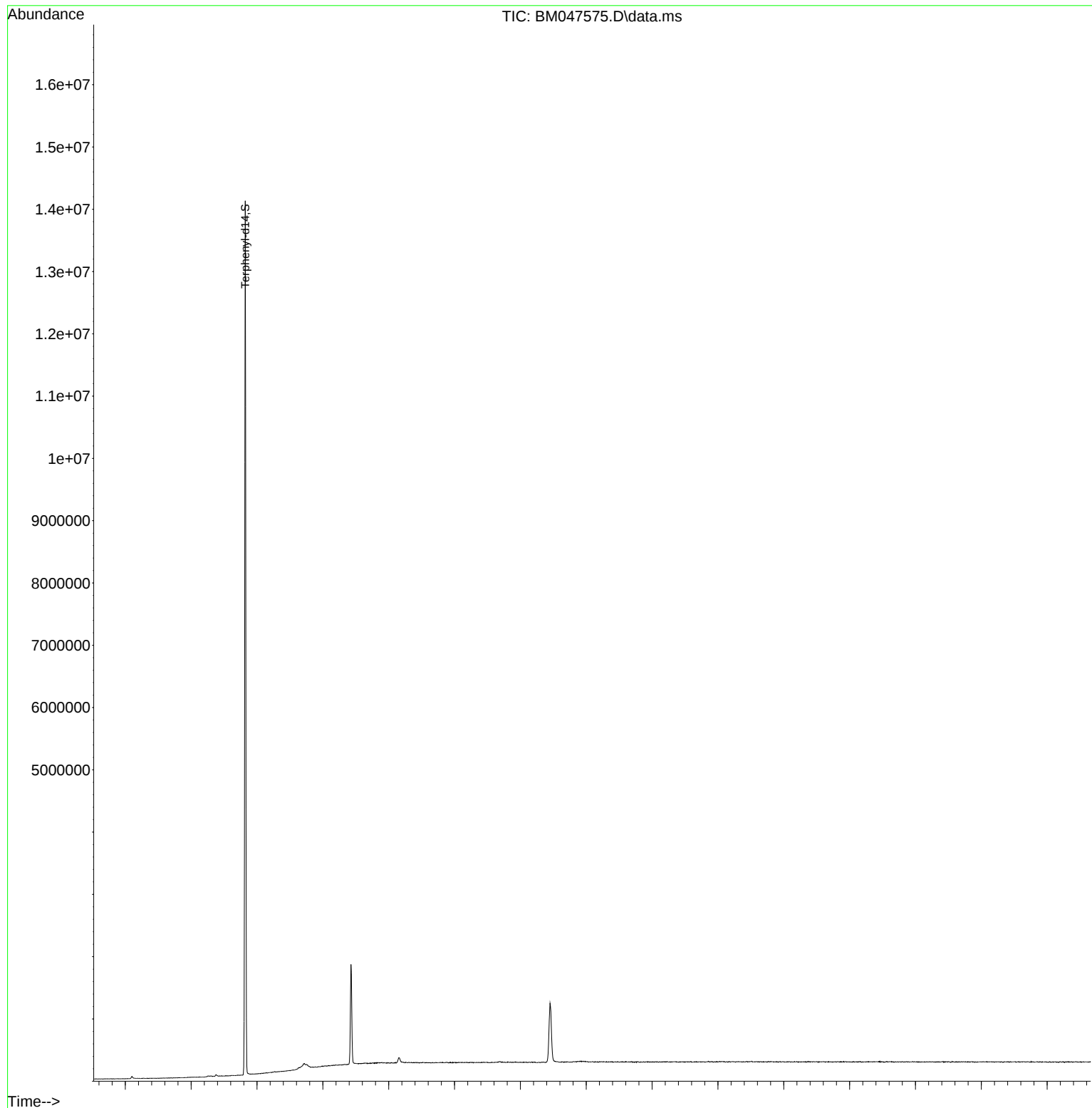
Quant Time: Sep 20 02:31:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
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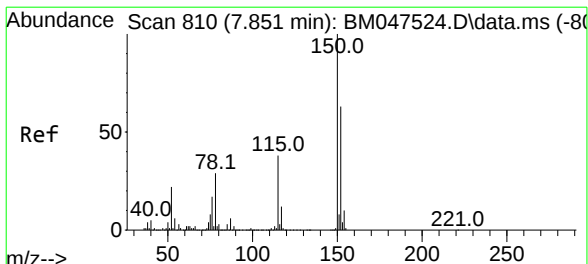


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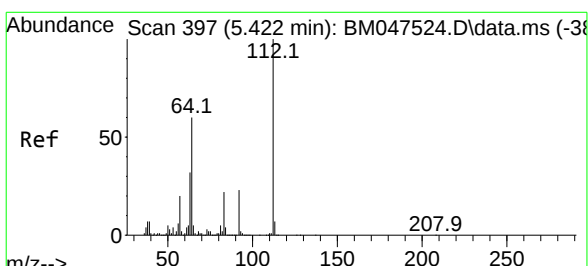
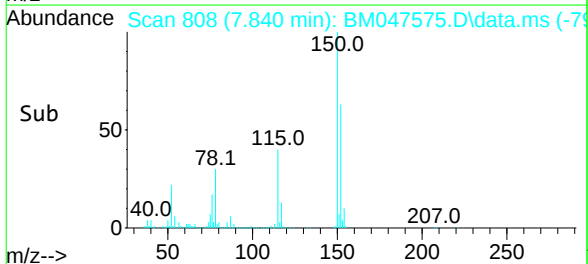
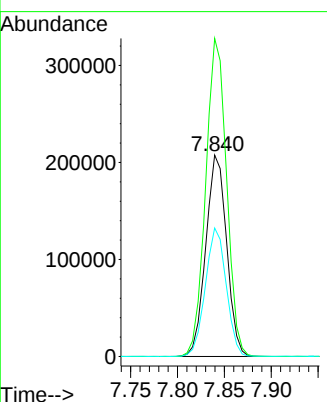
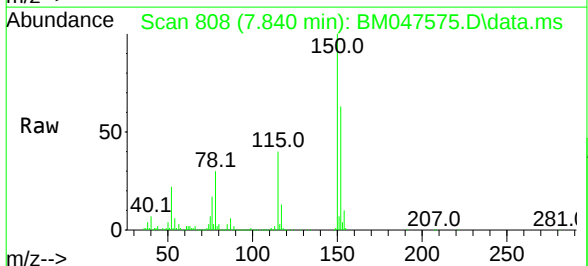




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.840 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BM047575.D
 Acq: 19 Sep 2024 17:53

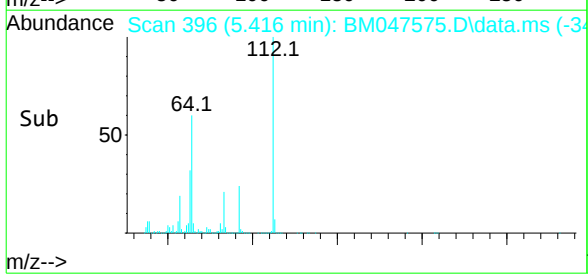
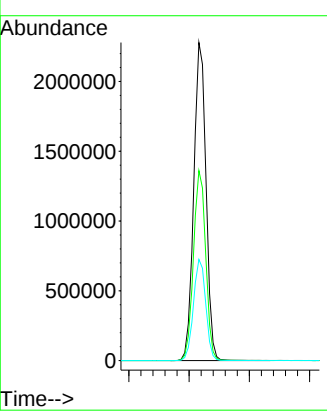
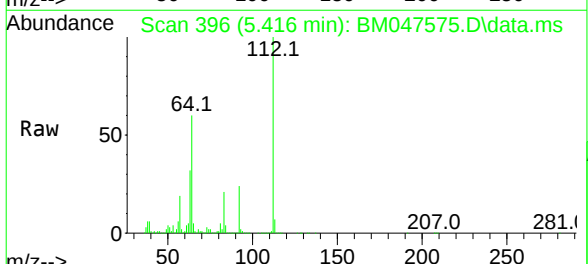
Instrument :
 BNA_M
 ClientSampleId :
 PB163525BL

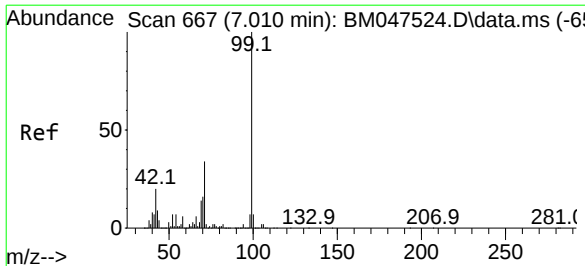
Tgt Ion:	152	Resp:	321878
Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.8	190.2
115	63.8	47.8	71.8



#5
 2-Fluorophenol
 Concen: 159.303 ng
 RT: 5.416 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: BM047575.D
 Acq: 19 Sep 2024 17:53

Tgt Ion:	112	Resp:	3220419
Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.2	72.4
63	31.8	26.0	39.0



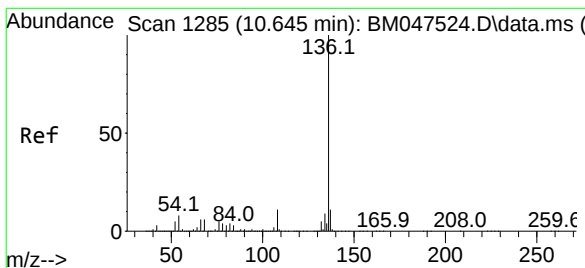
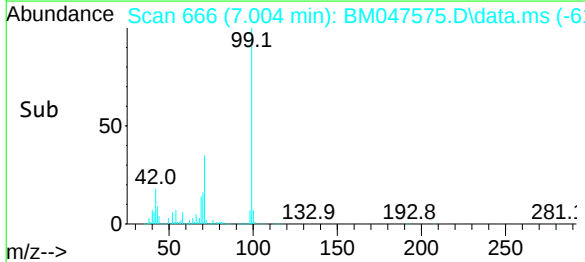
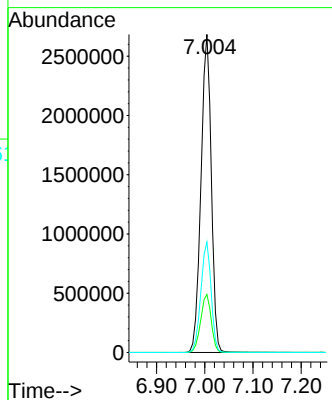
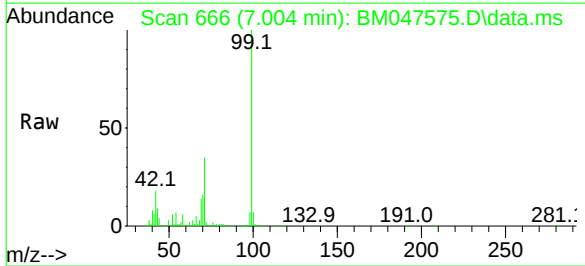


#7
Phenol-d6
Concen: 140.210 ng
RT: 7.004 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM047575.D
Acq: 19 Sep 2024 17:53

Instrument :
BNA_M
ClientSampleId :
PB163525BL

Tgt Ion: 99 Resp: 3991702

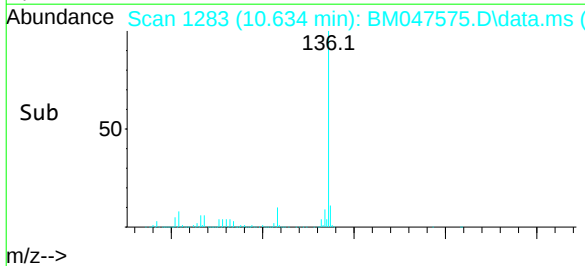
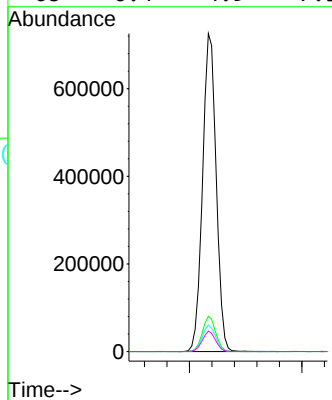
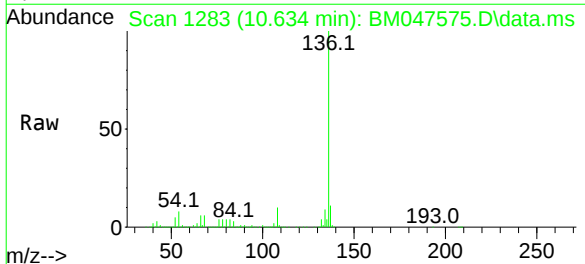
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.8	23.8
71	34.7	27.6	41.4

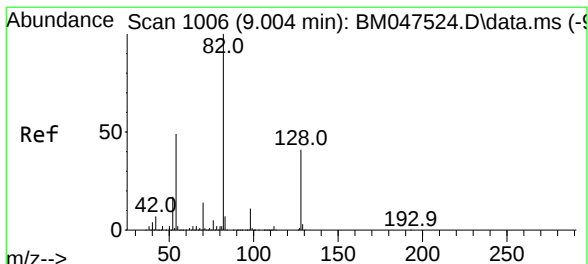


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1283
Delta R.T. -0.011 min
Lab File: BM047575.D
Acq: 19 Sep 2024 17:53

Tgt Ion: 136 Resp: 1220647

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.3	6.6	9.8
68	6.4	4.9	7.3



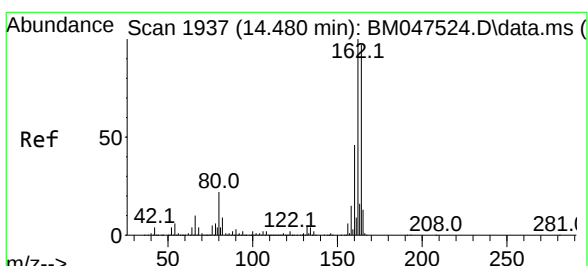
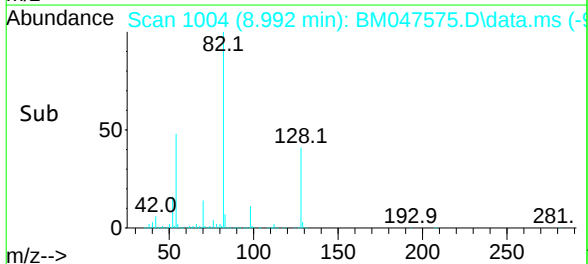
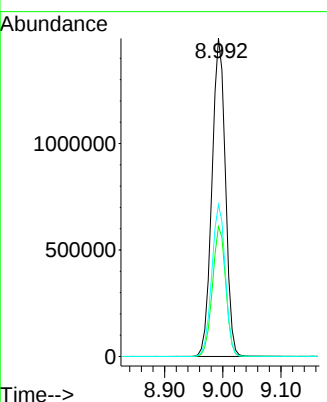
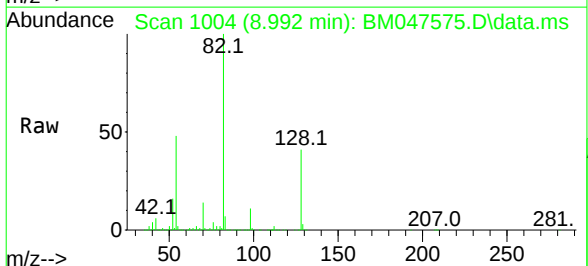


#23
 Nitrobenzene-d5
 Concen: 98.601 ng
 RT: 8.992 min Scan# 10
 Delta R.T. -0.012 min
 Lab File: BM047575.D
 Acq: 19 Sep 2024 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB163525BL

Tgt Ion: 82 Resp: 2404920

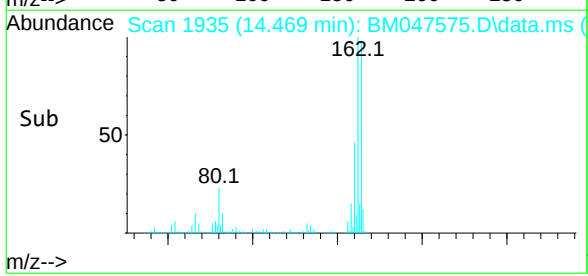
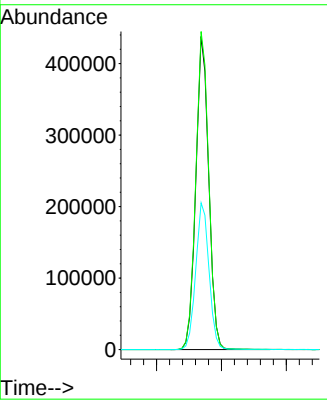
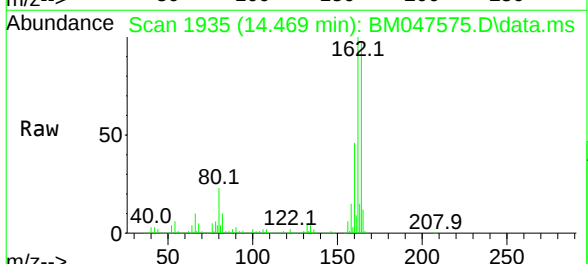
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	47.8	39.3	58.9

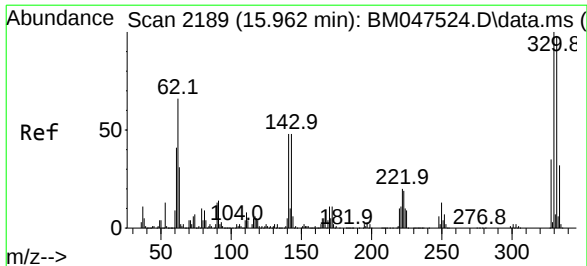


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.469 min Scan# 1935
 Delta R.T. -0.011 min
 Lab File: BM047575.D
 Acq: 19 Sep 2024 17:53

Tgt Ion: 164 Resp: 605405

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	46.9	38.2	57.2





#42

2,4,6-Tribromophenol

Concen: 142.854 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047575.D

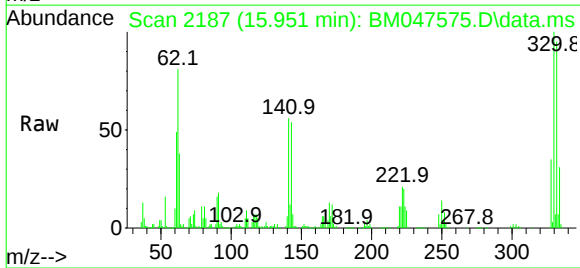
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Instrument :

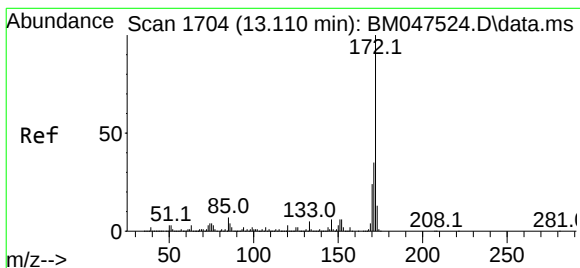
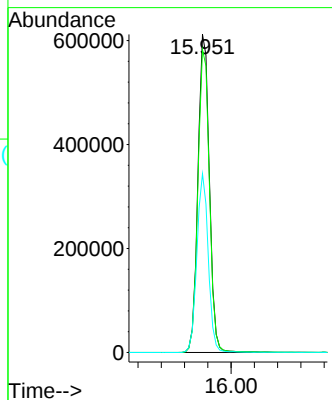
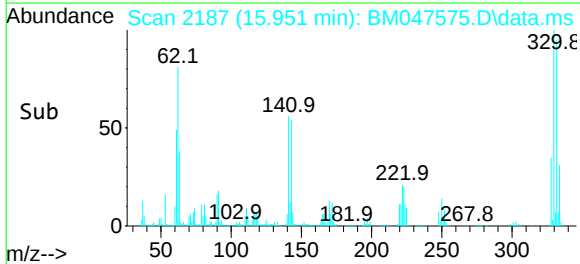
BNA_M

ClientSampleId :

PB163525BL



Tgt Ion:	330	Resp:	835950
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.9	115.3
141	55.8	42.2	63.2



#45

2-Fluorobiphenyl

Concen: 98.305 ng

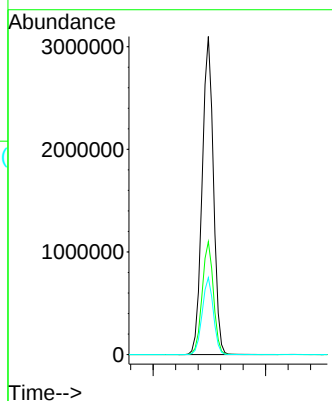
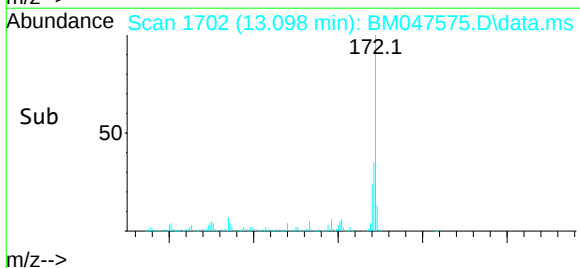
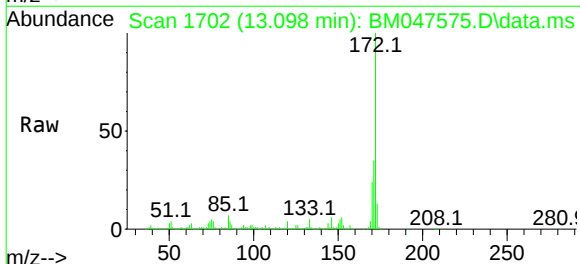
RT: 13.098 min Scan# 1702

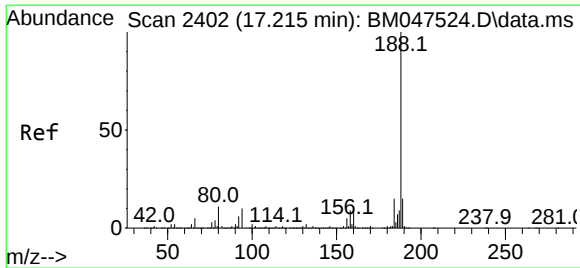
Delta R.T. -0.012 min

Lab File: BM047575.D

Acq: 19 Sep 2024 17:53

Tgt Ion:	172	Resp:	4320386
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.2	42.2
170	24.2	19.4	29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2402

Delta R.T. -0.012 min

Lab File: BM047575.D

Acq: 19 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

PB163525BL

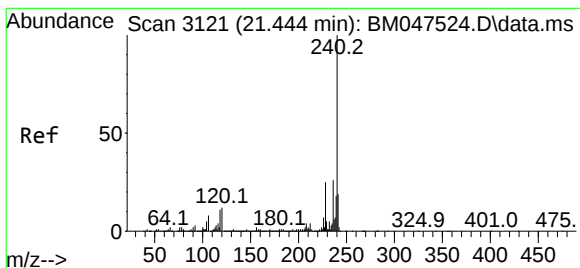
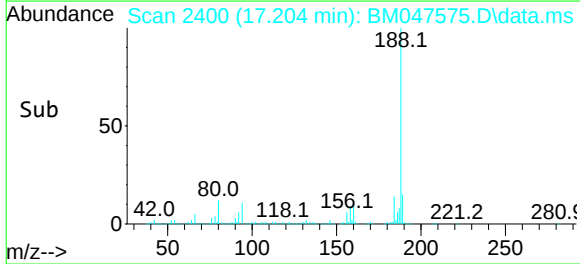
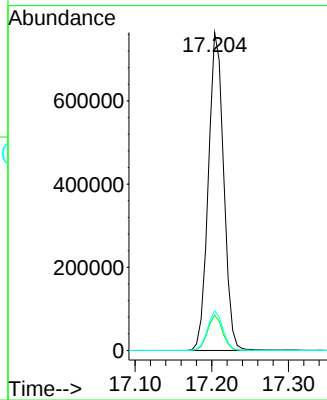
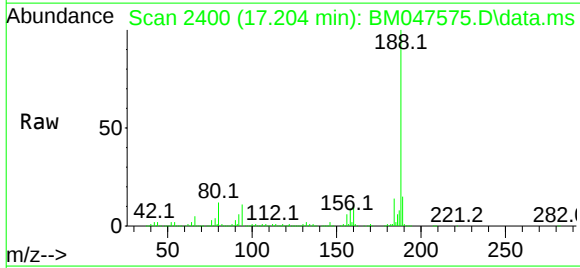
Tgt Ion:188 Resp: 1062846

Ion Ratio Lower Upper

188 100

94 11.1 8.4 12.6

80 12.5 9.1 13.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.017 min

Lab File: BM047575.D

Acq: 19 Sep 2024 17:53

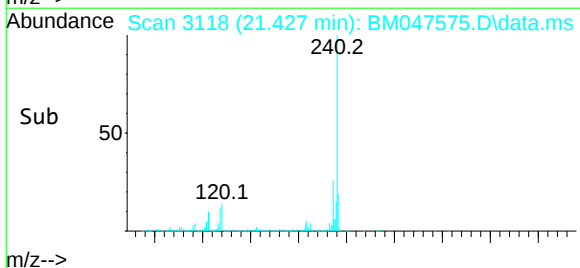
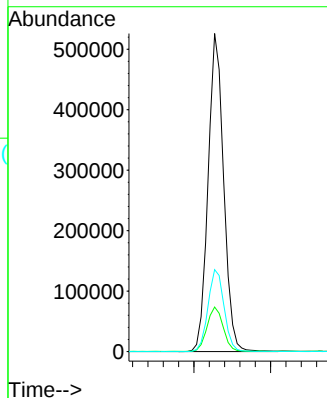
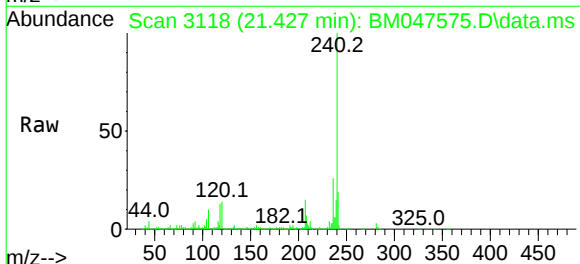
Tgt Ion:240 Resp: 741692

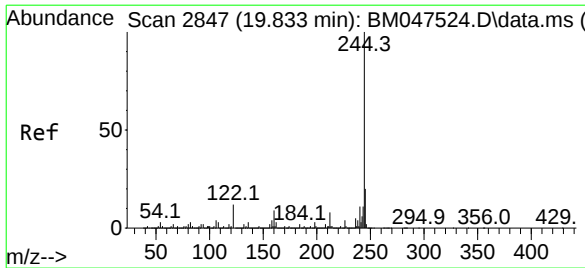
Ion Ratio Lower Upper

240 100

120 14.0 9.6 14.4

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 130.756 ng

RT: 19.821 min Scan# 28

Delta R.T. -0.012 min

Lab File: BM047575.D

Acq: 19 Sep 2024 17:53

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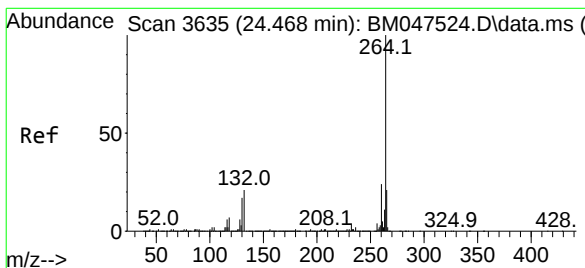
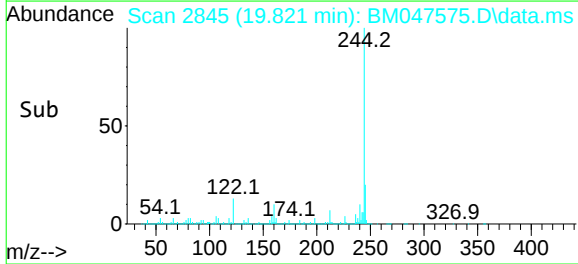
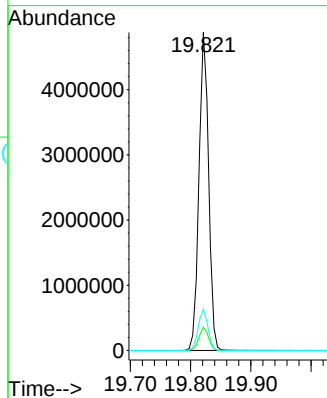
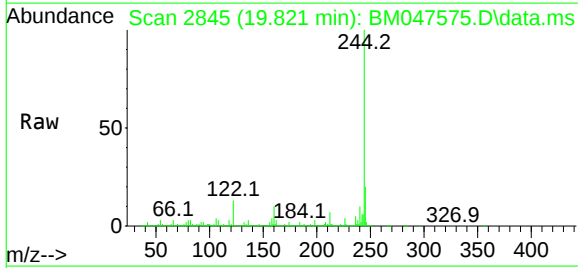
Tgt Ion:244 Resp: 5412069

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 13.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.450 min Scan# 3632

Delta R.T. -0.017 min

Lab File: BM047575.D

Acq: 19 Sep 2024 17:53

Tgt Ion:264 Resp: 785495

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.1 17.4 26.2

