

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
 Data File : BM047529.D
 Acq On : 14 Sep 2024 18:32
 Operator : RC/JU
 Sample : PB163160BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163160BL

Quant Time: Sep 16 01:17:04 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)

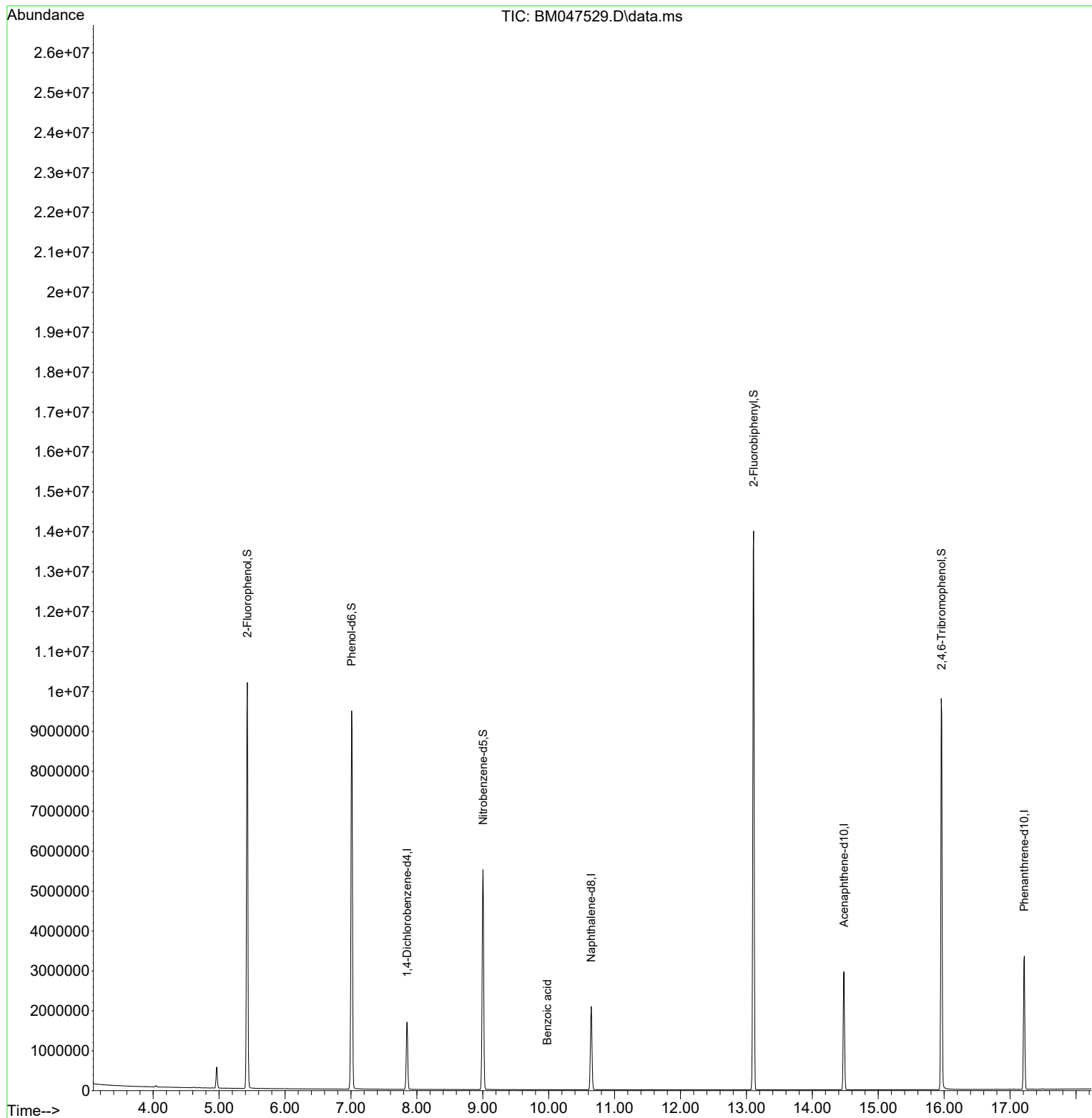
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	431173	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1663188	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	940451	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1826056	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1201634	20.000	ng	0.00
86) Perylene-d12	24.462	264	1044633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	4149525	153.232	ng	0.00
7) Phenol-d6	7.010	99	5234645	137.261	ng	0.00
23) Nitrobenzene-d5	9.004	82	3072882	92.464	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1373910	151.141	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	6643364	97.308	ng	0.00
79) Terphenyl-d14	19.833	244	8893634	132.627	ng	0.00
Target Compounds						
32) Benzoic acid	9.981	122	71	6.703	ng	Qvalue # 32

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

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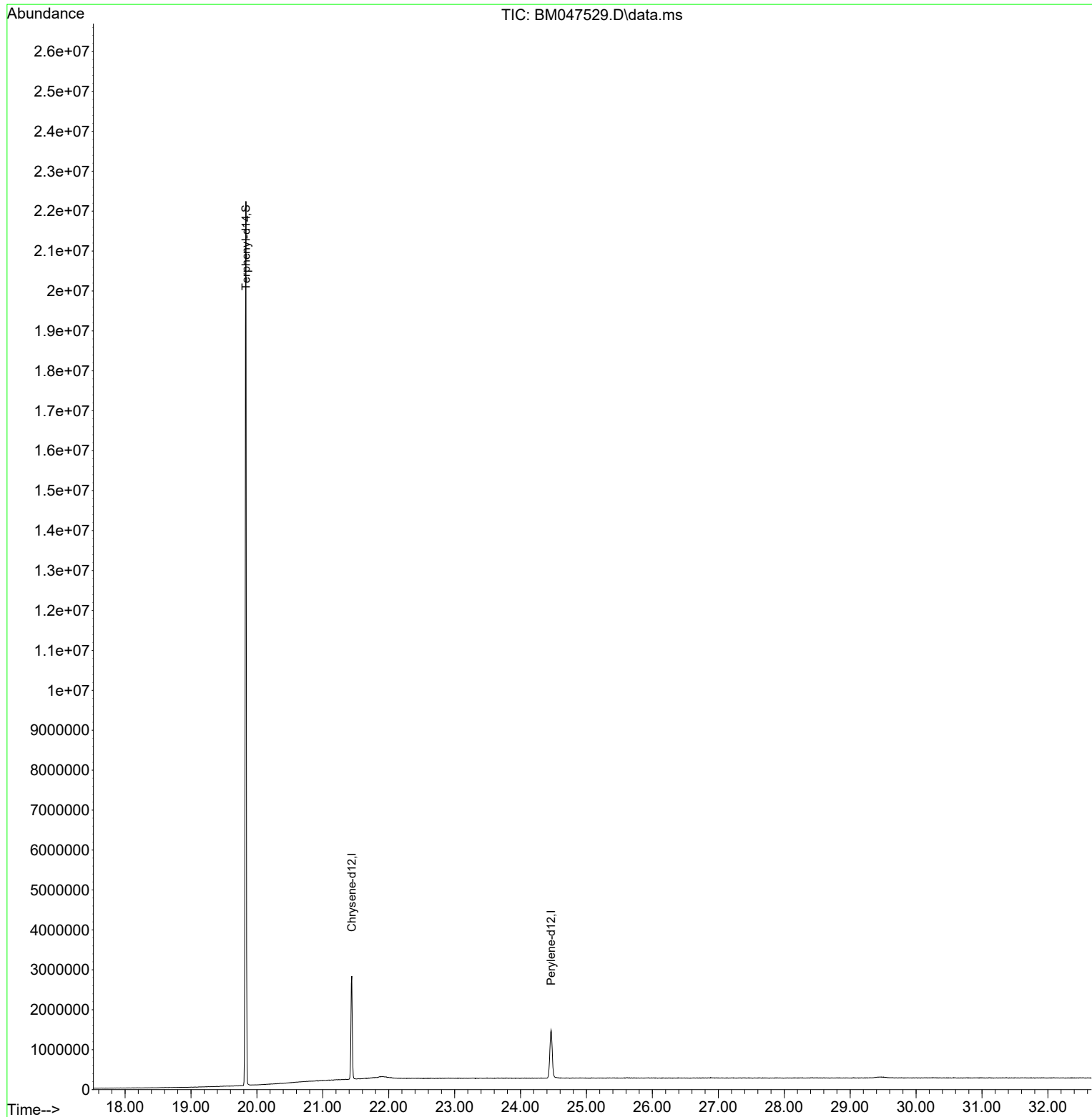
Quant Time: Sep 16 01:17:04 2024
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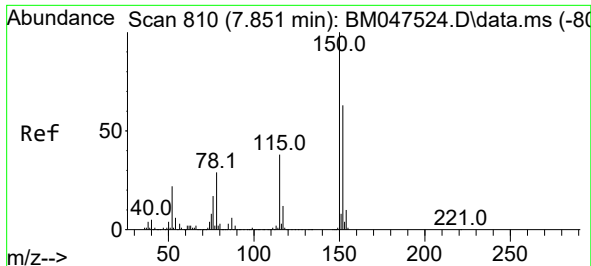


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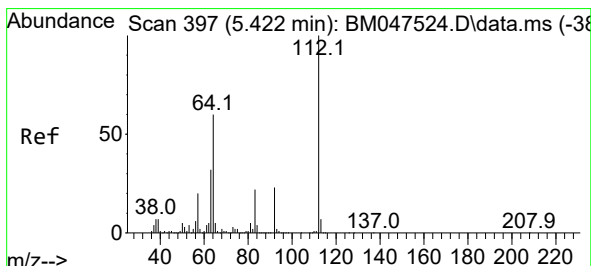
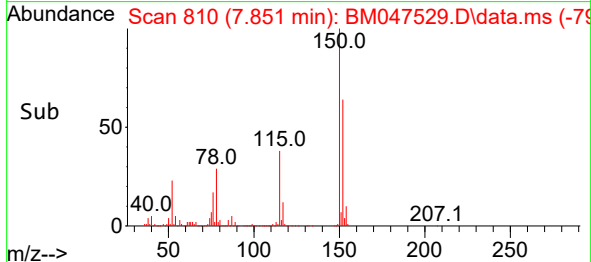
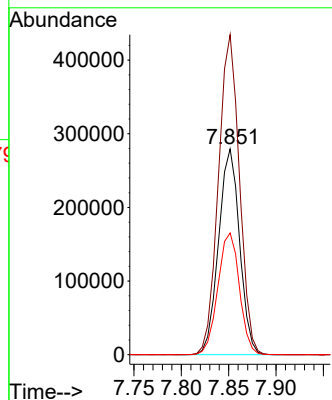
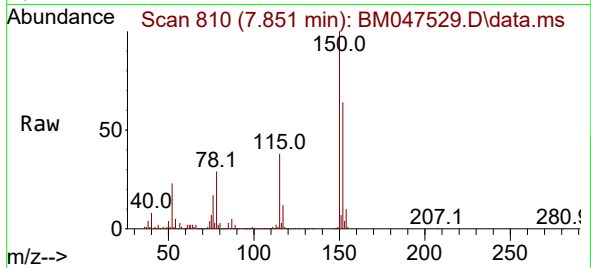




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047529.D
Acq: 14 Sep 2024 18:32

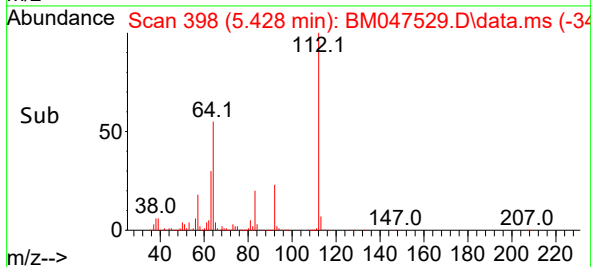
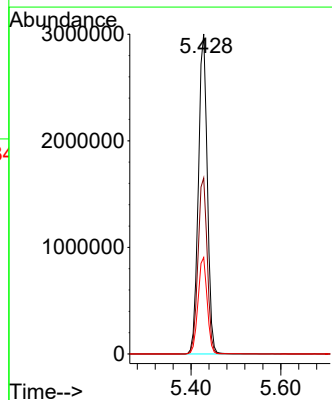
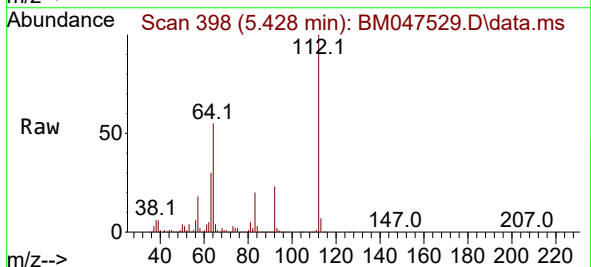
Instrument :
BNA_M
ClientSampleId :
PB163160BL

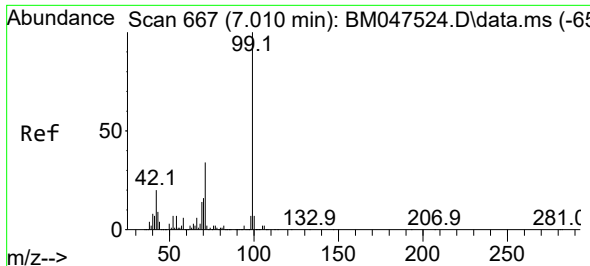
Tgt Ion:152 Resp: 431173
Ion Ratio Lower Upper
152 100
150 155.5 126.8 190.2
115 59.2 47.8 71.8



#5
2-Fluorophenol
Concen: 153.232 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM047529.D
Acq: 14 Sep 2024 18:32

Tgt Ion:112 Resp: 4149525
Ion Ratio Lower Upper
112 100
64 55.0 48.2 72.4
63 30.2 26.0 39.0



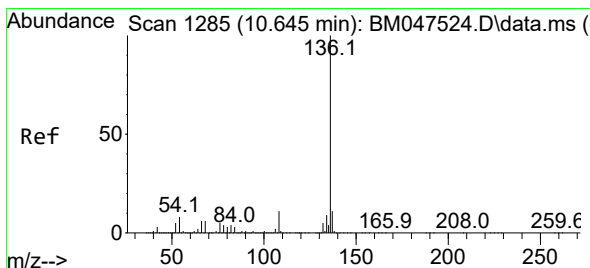
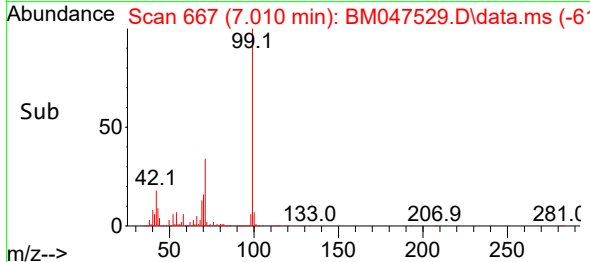
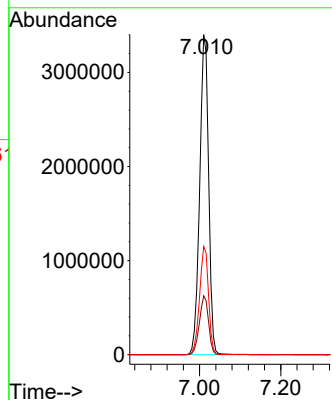
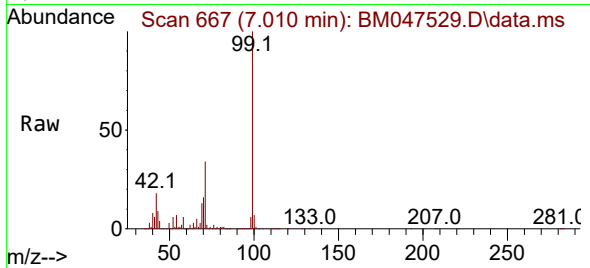


#7
Phenol-d6
Concen: 137.261 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM047529.D
Acq: 14 Sep 2024 18:32

Instrument :
BNA_M
ClientSampleId :
PB163160BL

Tgt Ion: 99 Resp: 5234645

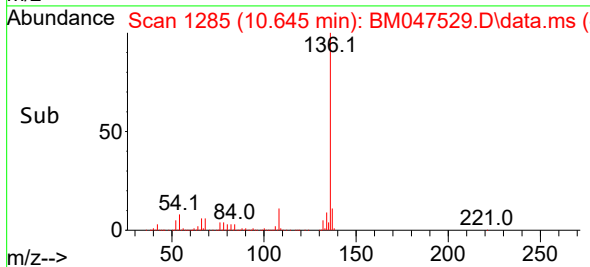
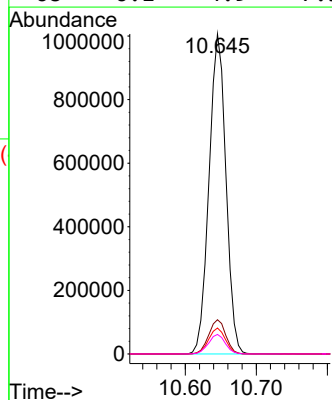
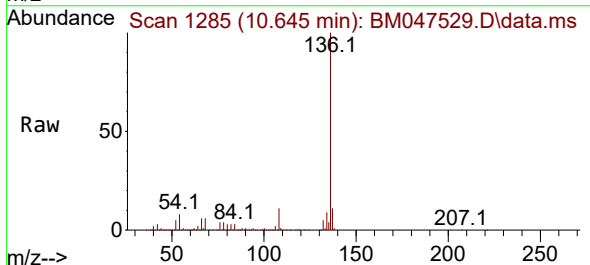
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.8
71	33.8	27.6	41.4

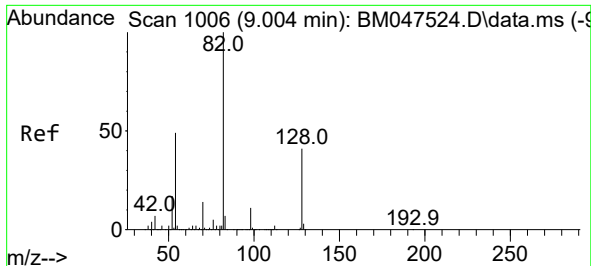


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047529.D
Acq: 14 Sep 2024 18:32

Tgt Ion: 136 Resp: 1663188

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	8.1	6.6	9.8
68	6.1	4.9	7.3





#23

Nitrobenzene-d5

Concen: 92.464 ng

RT: 9.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM047529.D

Acq: 14 Sep 2024 18:32

Instrument :

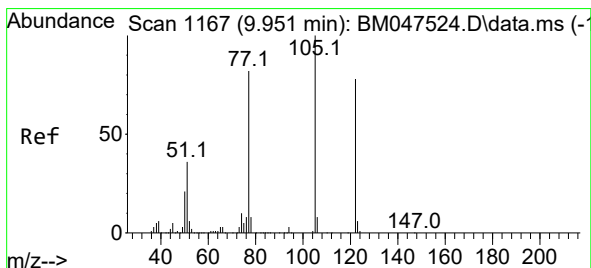
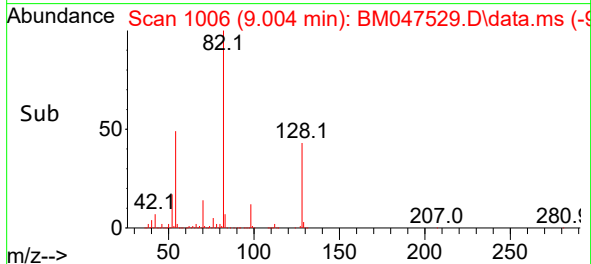
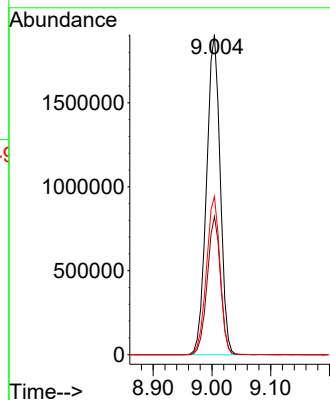
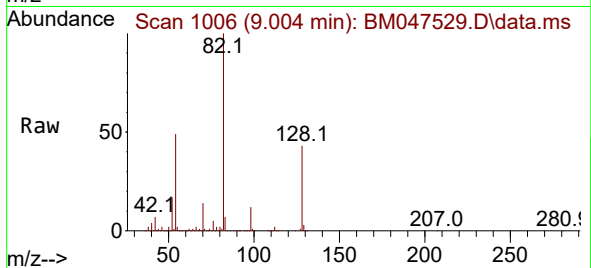
BNA_M

ClientSampleId :

PB163160BL

Tgt Ion: 82 Resp: 3072882

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	49.5	39.3	58.9



#32

Benzoic acid

Concen: 6.703 ng

RT: 9.981 min Scan# 1172

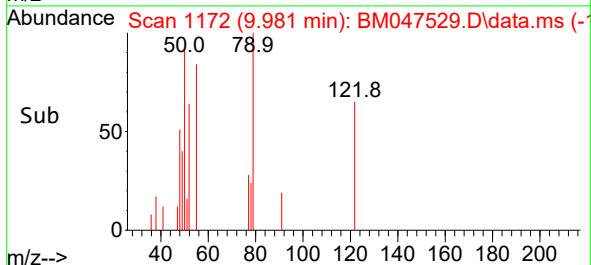
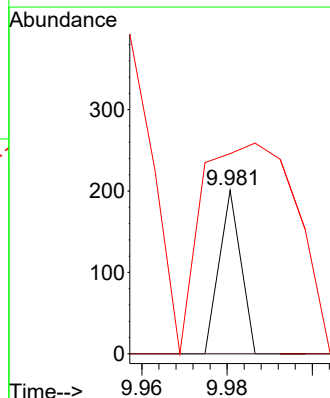
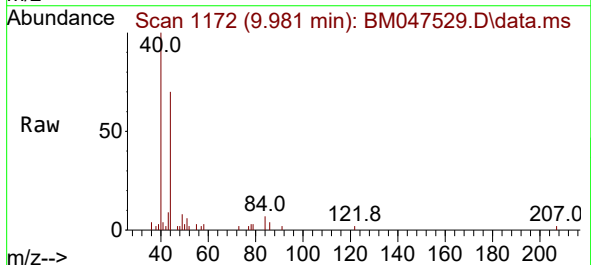
Delta R.T. 0.030 min

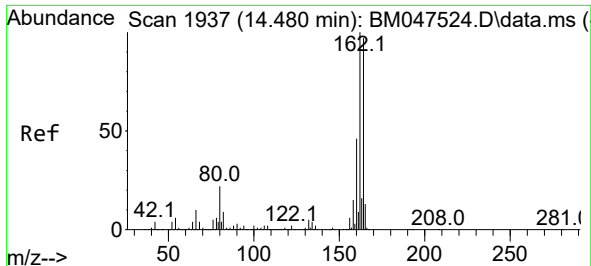
Lab File: BM047529.D

Acq: 14 Sep 2024 18:32

Tgt Ion:122 Resp: 71

Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.7	144.7#
77	122.4	83.4	123.4

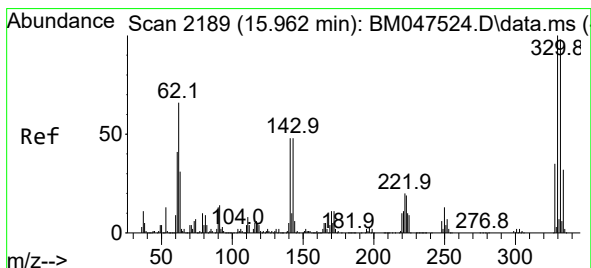
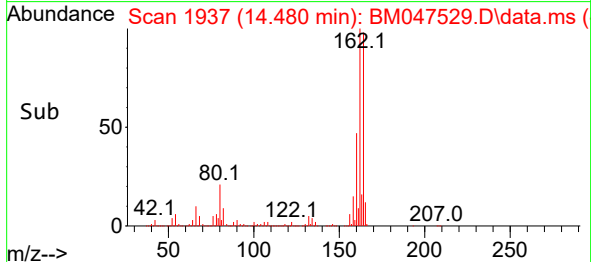
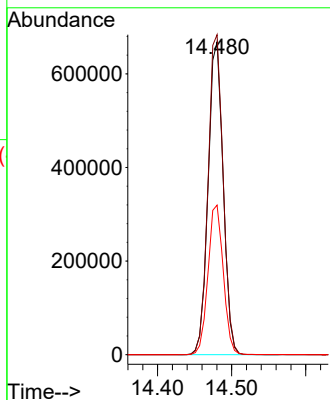
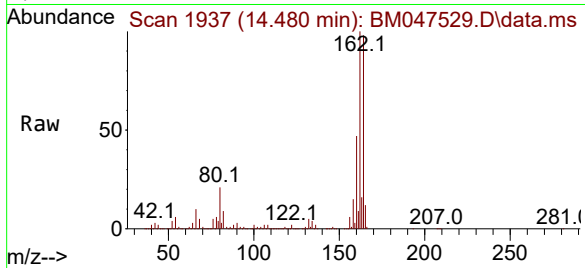




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047529.D
Acq: 14 Sep 2024 18:32

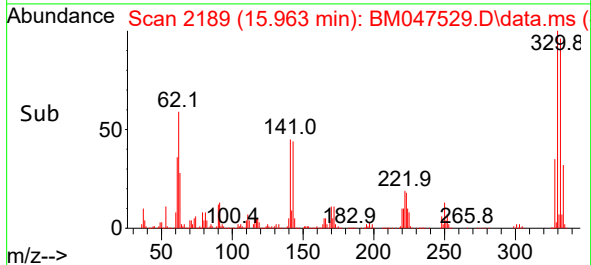
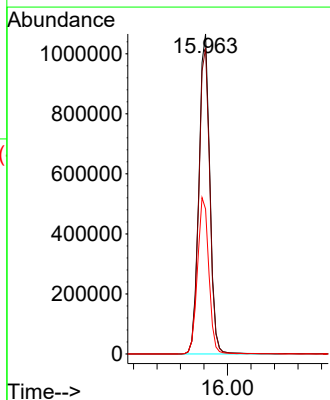
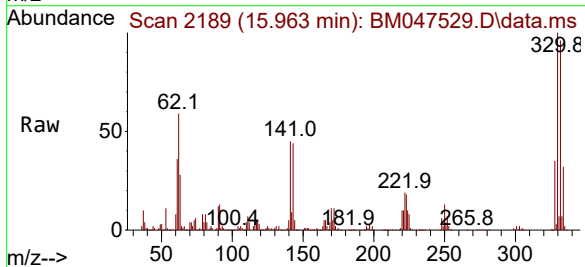
Instrument :
BNA_M
ClientSampleId :
PB163160BL

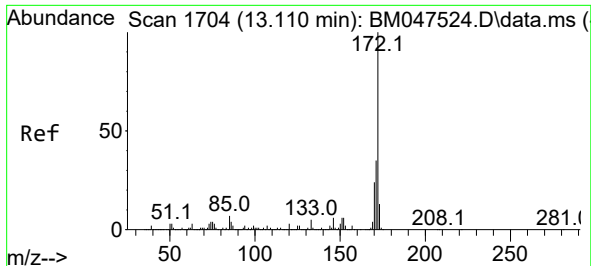
Tgt Ion:164 Resp: 940451
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 47.8 38.2 57.2



#42
2,4,6-Tribromophenol
Concen: 151.141 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047529.D
Acq: 14 Sep 2024 18:32

Tgt Ion:330 Resp: 1373910
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 50.5 42.2 63.2

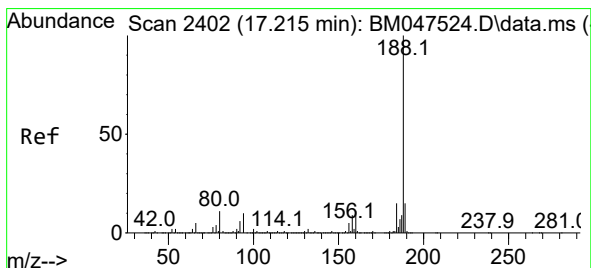
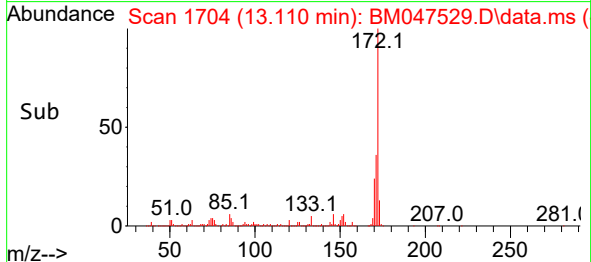
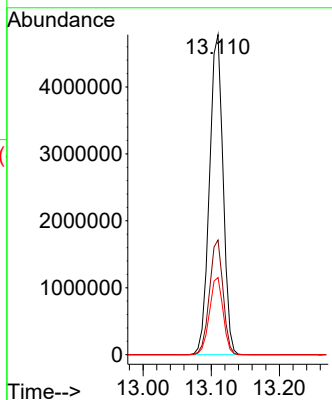
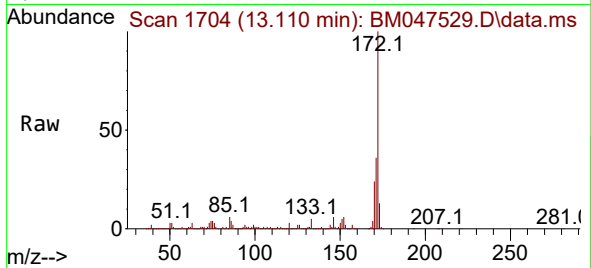




#45
2-Fluorobiphenyl
Concen: 97.308 ng
RT: 13.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047529.D
Acq: 14 Sep 2024 18:32

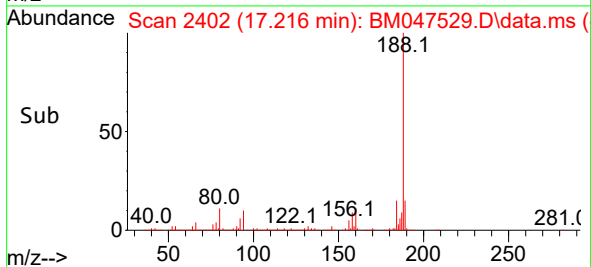
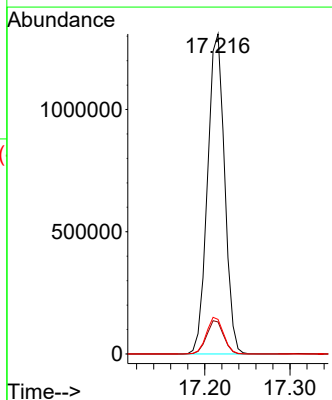
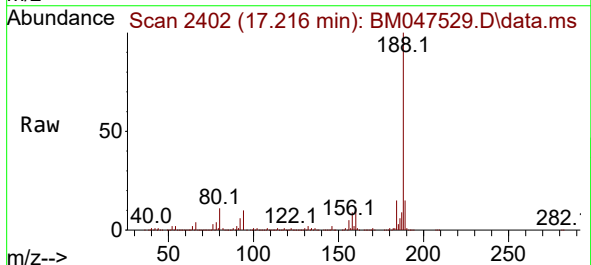
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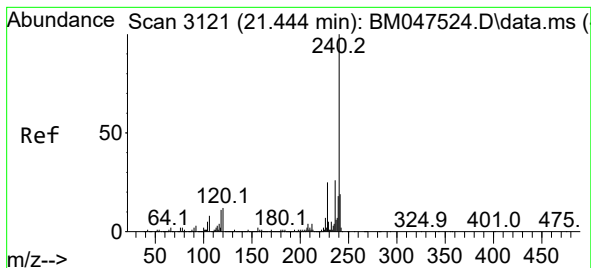
Tgt Ion:172 Resp: 6643364
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.1 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047529.D
Acq: 14 Sep 2024 18:32

Tgt Ion:188 Resp: 1826056
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.8 9.1 13.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3121

Delta R.T. -0.005 min

Lab File: BM047529.D

Acq: 14 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163160BL

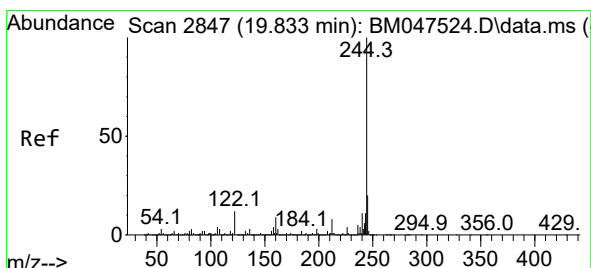
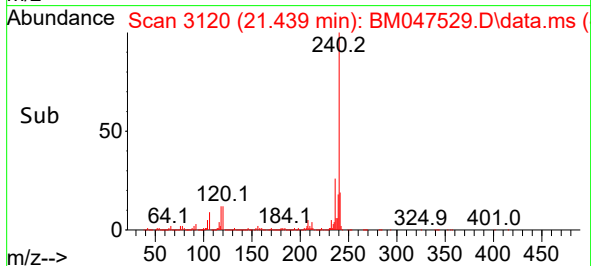
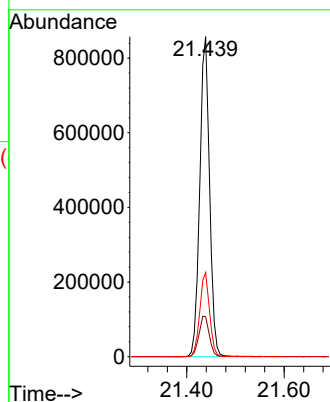
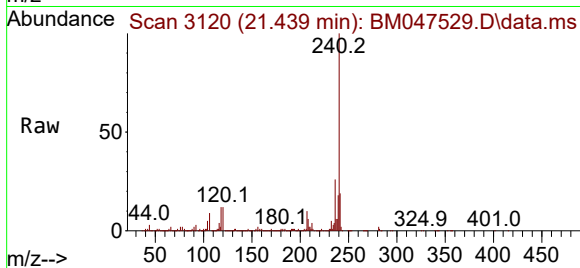
Tgt Ion:240 Resp: 1201634

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

236 26.3 20.9 31.3



#79

Terphenyl-d14

Concen: 132.627 ng

RT: 19.833 min Scan# 2847

Delta R.T. 0.000 min

Lab File: BM047529.D

Acq: 14 Sep 2024 18:32

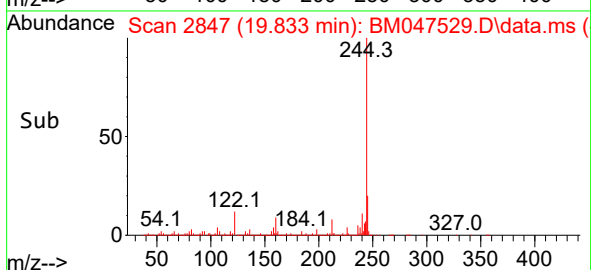
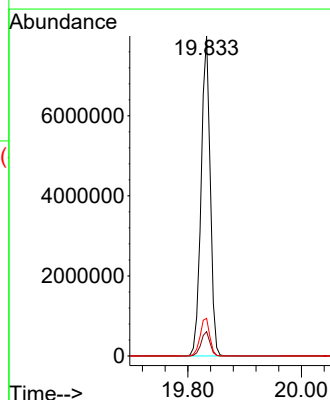
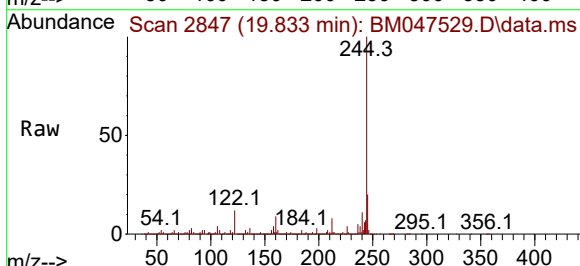
Tgt Ion:244 Resp: 8893634

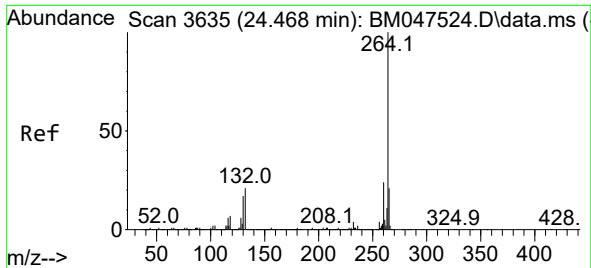
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

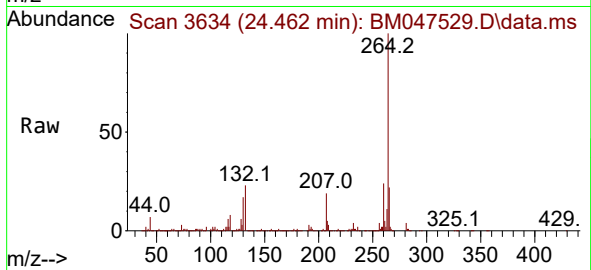
122 11.7 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM047529.D
Acq: 14 Sep 2024 18:32

Instrument :
BNA_M
ClientSampleId :
PB163160BL



Tgt Ion:264 Resp: 1044633

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.4	17.4	26.2

