

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047269.D
 Acq On : 20 Aug 2024 13:27
 Operator : RC/JU
 Sample : P3643-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 932-K1-SD-0.5-1-081524

Quant Time: Aug 20 14:07:08 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	7.357	152	216646	20.000	ng	-0.02
21) Naphthalene-d8	10.116	136	806956	20.000	ng	-0.02
39) Acenaphthene-d10	14.022	164	551285	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1228370	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1198327	20.000	ng	0.00
86) Perylene-d12	23.721	264	1157106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1615214	133.219	ng	0.00
7) Phenol-d6	6.575	99	2128647	127.414	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1360099	84.869	ng	-0.02
42) 2,4,6-Tribromophenol	15.533	330	1008213	157.725	ng	0.00
45) 2-Fluorobiphenyl	12.628	172	3030576	84.797	ng	-0.02
79) Terphenyl-d14	19.457	244	5253111	93.932	ng	0.00

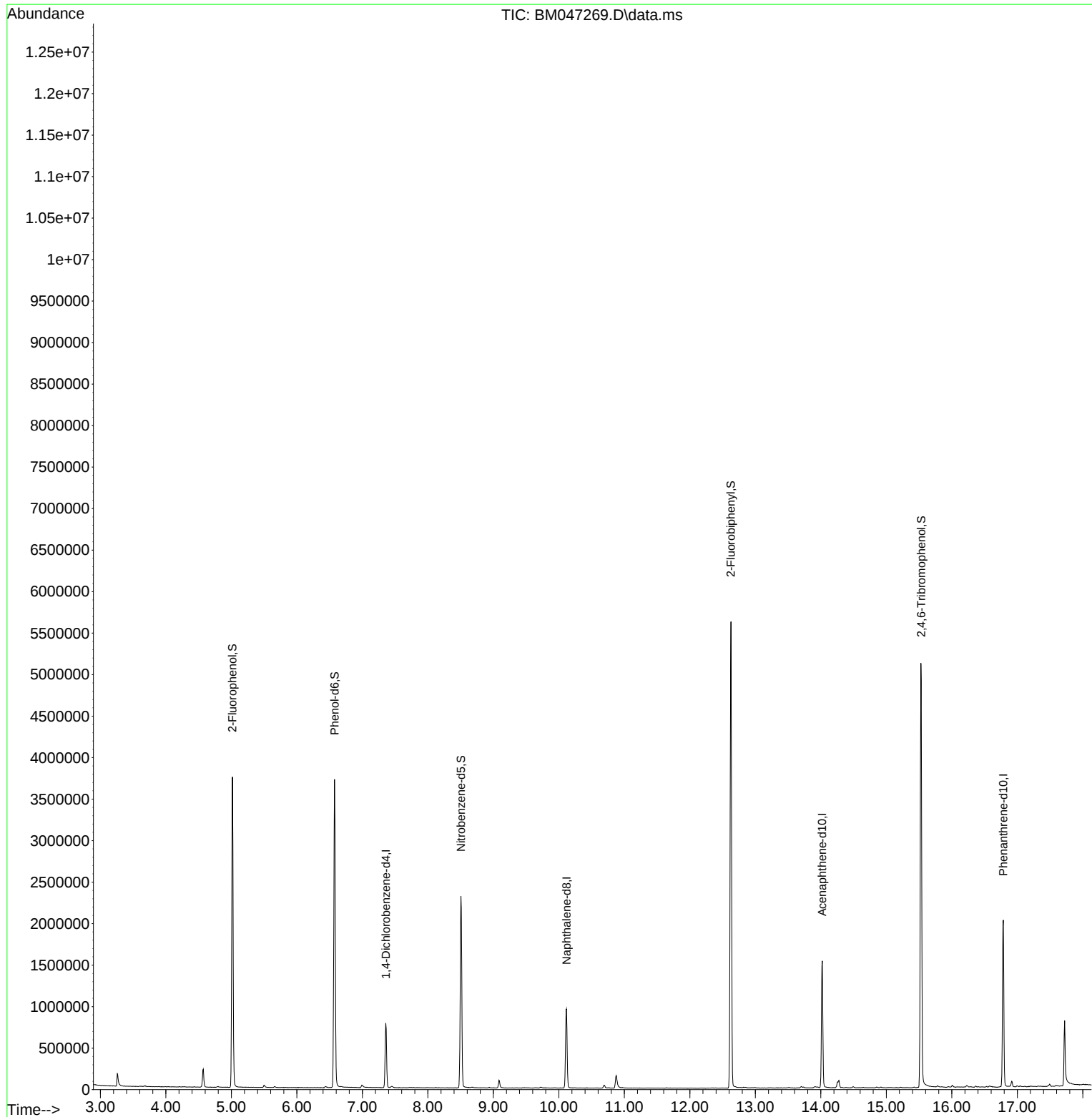
Target Compounds	Qvalue

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

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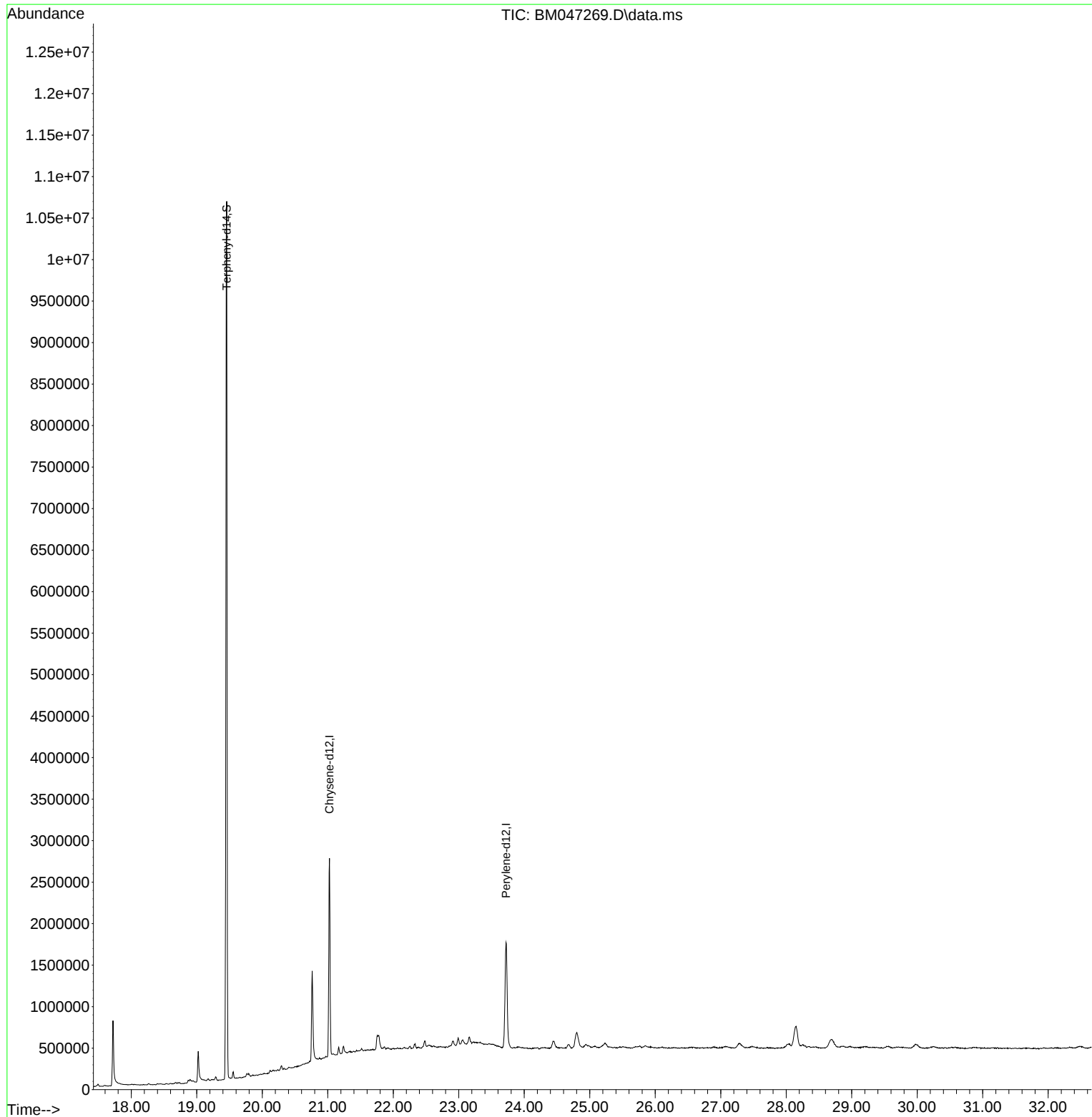
Quant Time: Aug 20 14:07:08 2024
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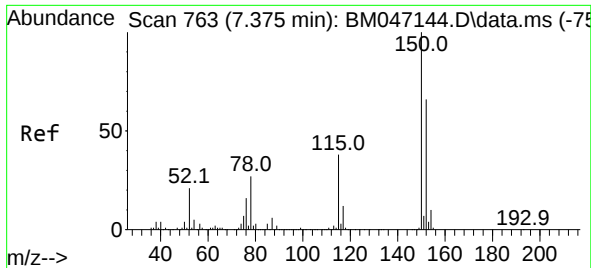


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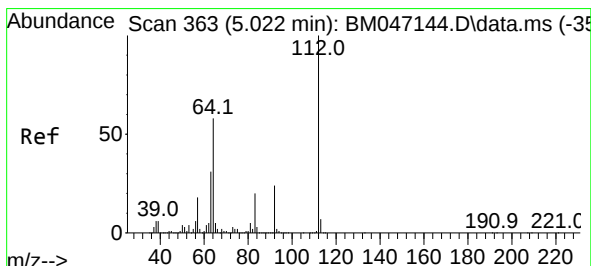
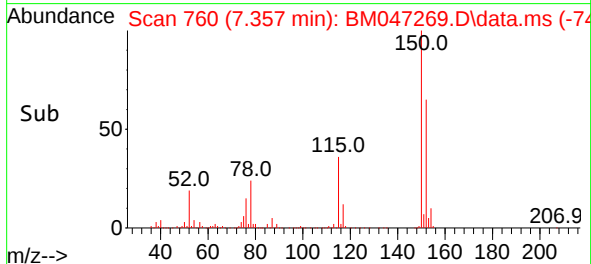
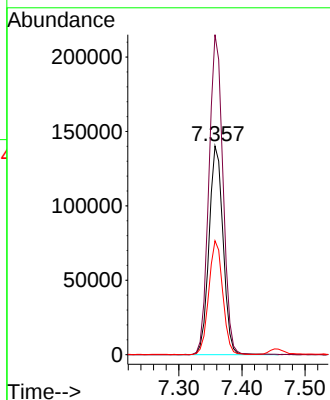
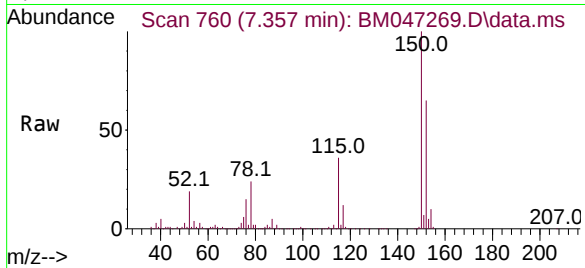




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM047269.D
Acq: 20 Aug 2024 13:27

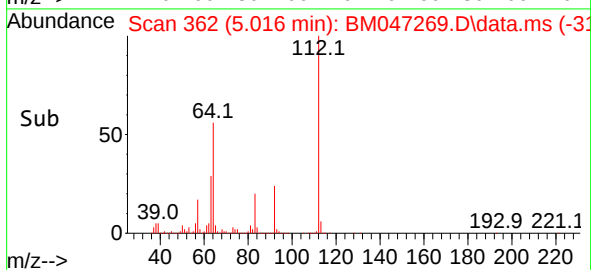
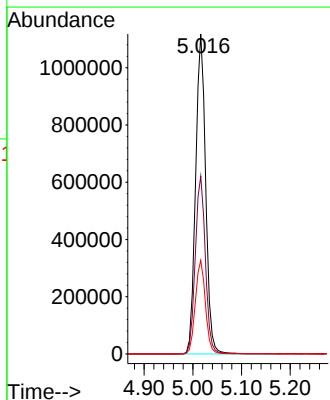
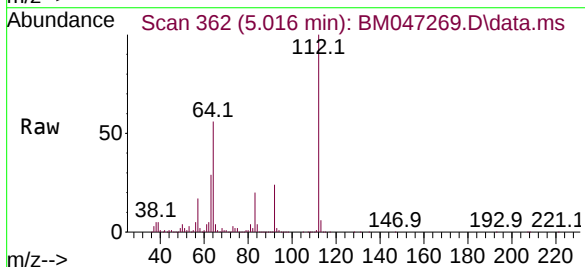
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0.5-1-081524

Tgt Ion:152 Resp: 216646
Ion Ratio Lower Upper
152 100
150 153.4 120.5 180.7
115 54.6 45.5 68.3



#5
2-Fluorophenol
Concen: 133.219 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047269.D
Acq: 20 Aug 2024 13:27

Tgt Ion:112 Resp: 1615214
Ion Ratio Lower Upper
112 100
64 55.6 46.7 70.1
63 29.2 24.8 37.2



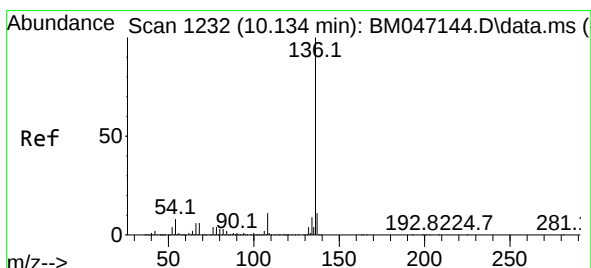
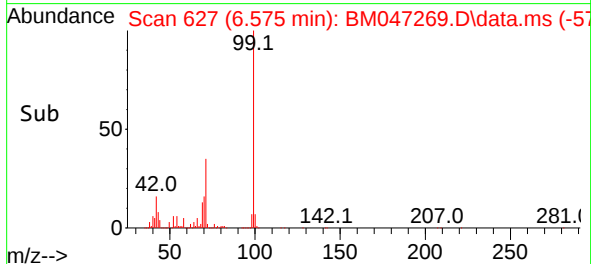
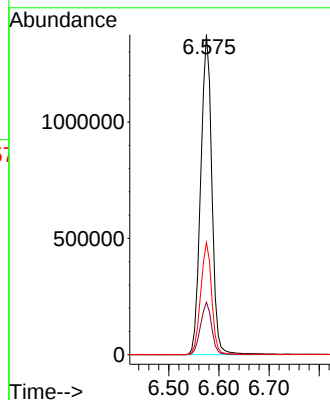
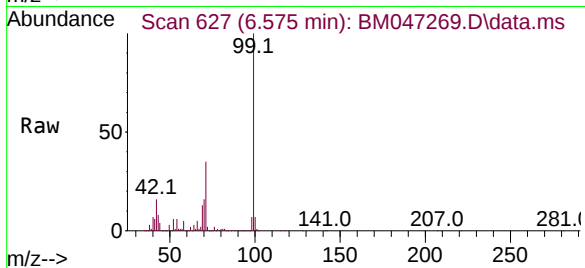


#7
Phenol-d6
Concen: 127.414 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047269.D
Acq: 20 Aug 2024 13:27

Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0.5-1-081524

Tgt Ion: 99 Resp: 2128647

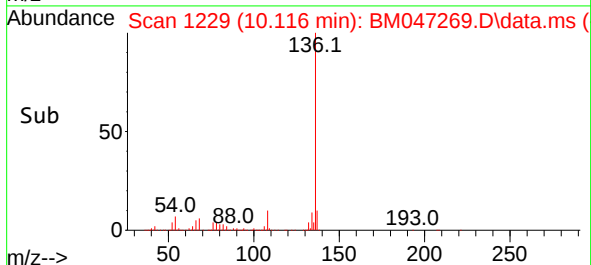
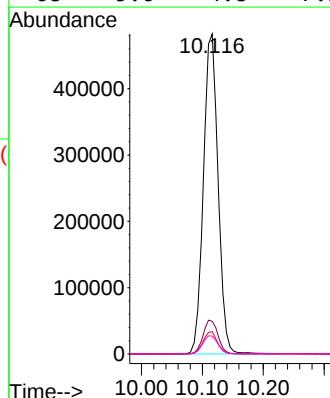
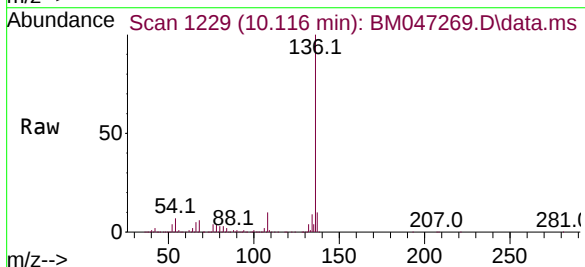
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	35.0	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047269.D
Acq: 20 Aug 2024 13:27

Tgt Ion: 136 Resp: 806956

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.0	6.0	9.0
68	5.6	4.8	7.2

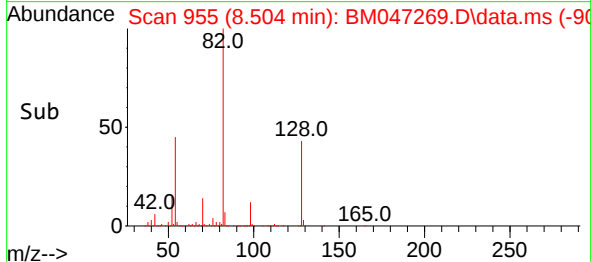
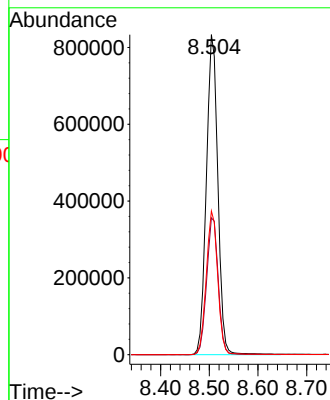
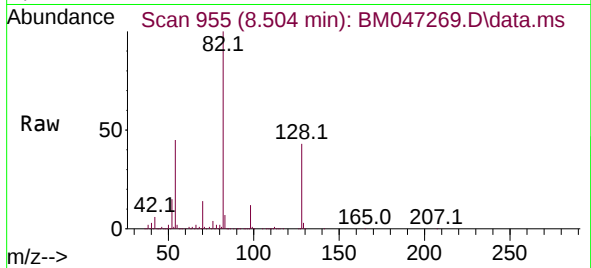




#23
Nitrobenzene-d5
Concen: 84.869 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047269.D
Acq: 20 Aug 2024 13:27

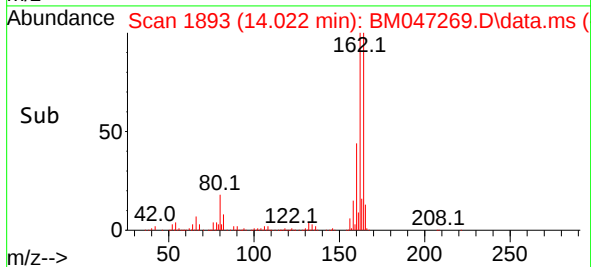
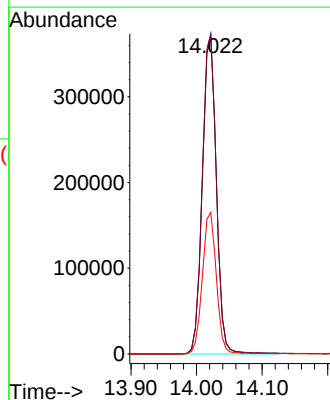
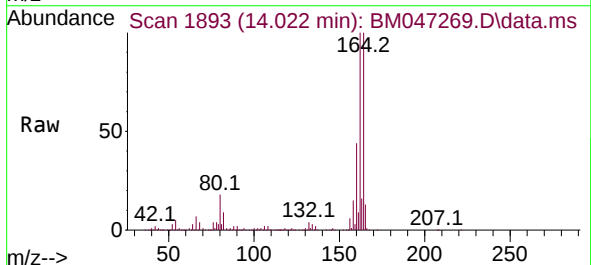
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0.5-1-081524

Tgt Ion: 82 Resp: 1360099
Ion Ratio Lower Upper
82 100
128 42.7 32.3 48.5
54 44.9 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047269.D
Acq: 20 Aug 2024 13:27

Tgt Ion: 164 Resp: 551285
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 44.3 36.0 54.0

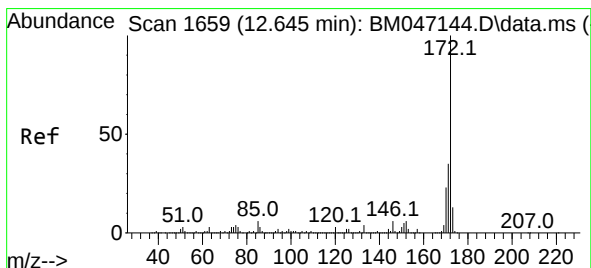
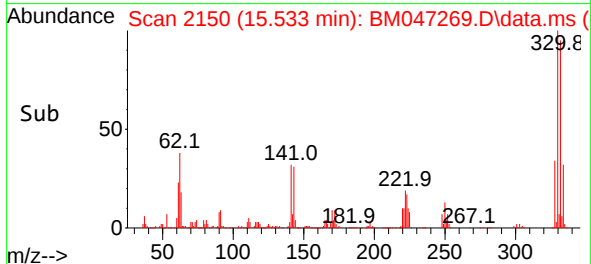
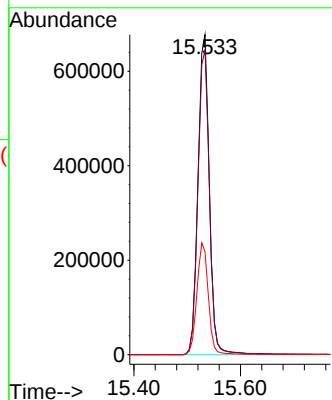
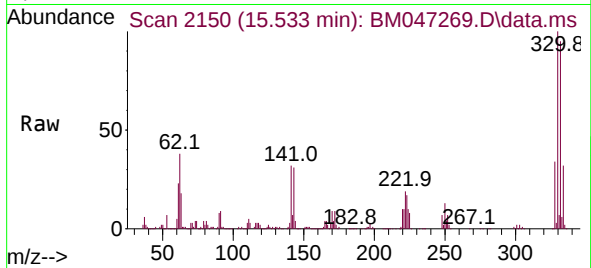




#42
2,4,6-Tribromophenol
Concen: 157.725 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047269.D
Acq: 20 Aug 2024 13:27

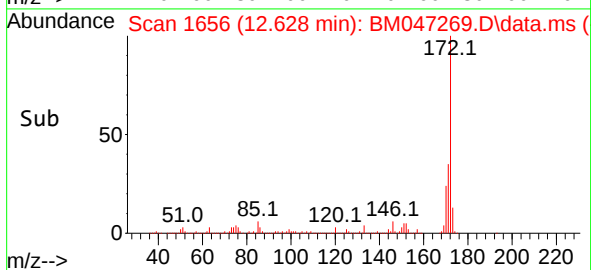
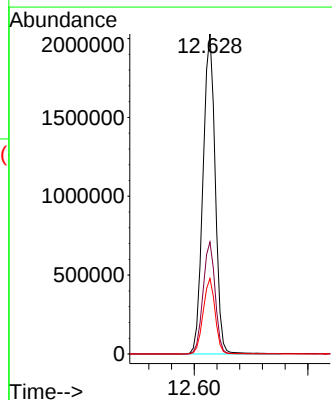
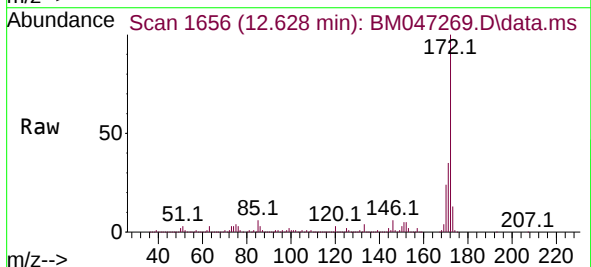
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0.5-1-081524

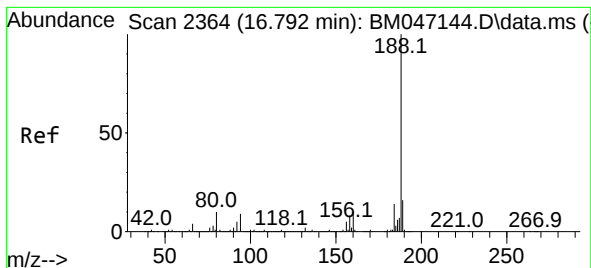
Tgt Ion:330 Resp: 1008213
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 35.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 84.797 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.017 min
Lab File: BM047269.D
Acq: 20 Aug 2024 13:27

Tgt Ion:172 Resp: 3030576
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047269.D

Acq: 20 Aug 2024 13:27

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0.5-1-081524

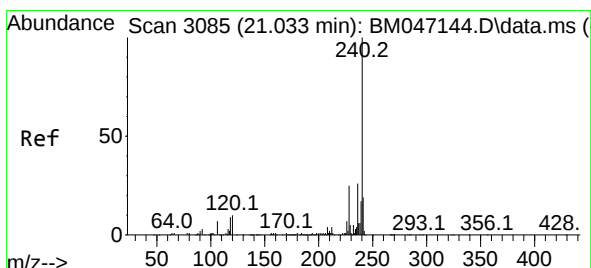
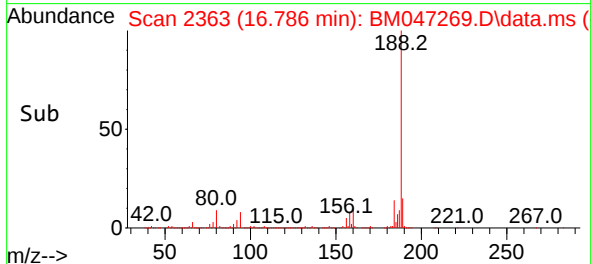
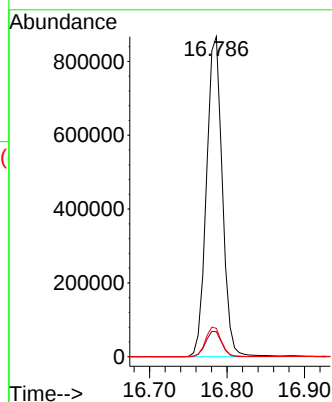
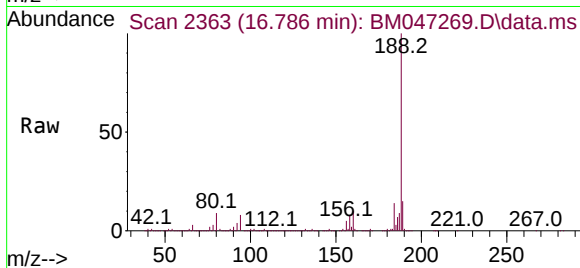
Tgt Ion:188 Resp: 1228370

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

80 8.8 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: BM047269.D

Acq: 20 Aug 2024 13:27

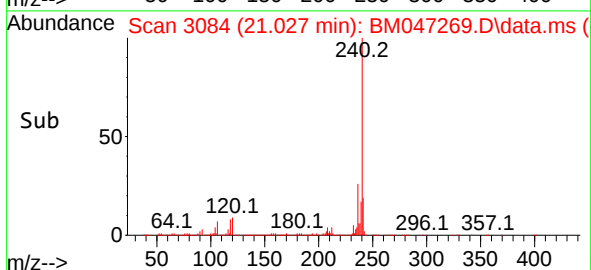
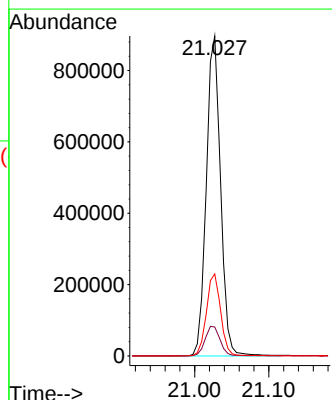
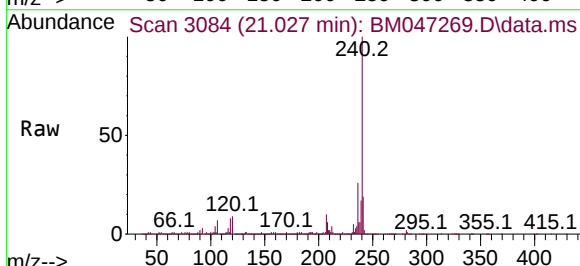
Tgt Ion:240 Resp: 1198327

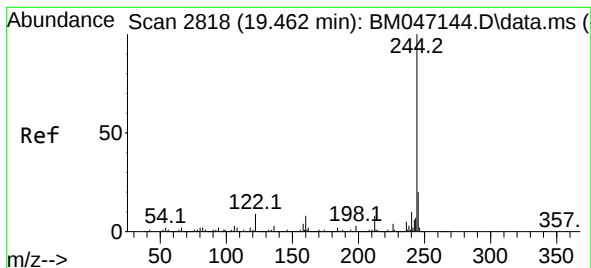
Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 93.932 ng

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047269.D

Acq: 20 Aug 2024 13:27

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0.5-1-081524

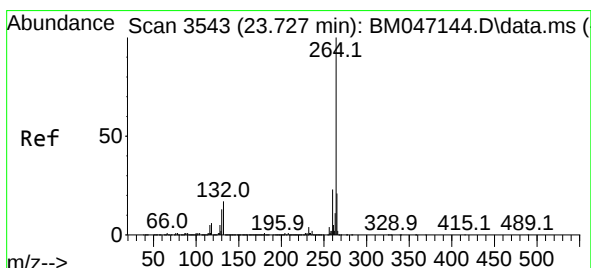
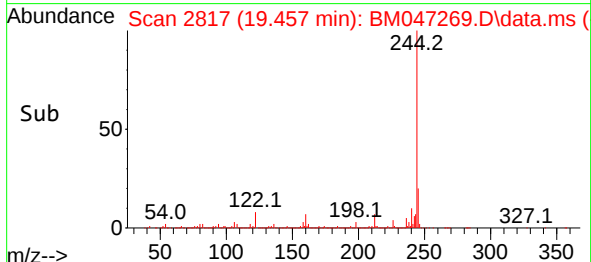
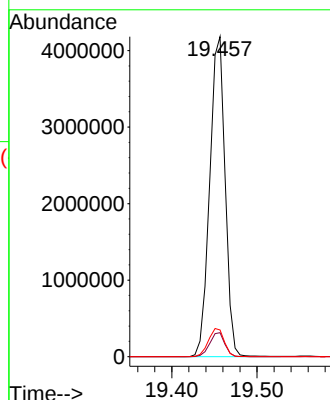
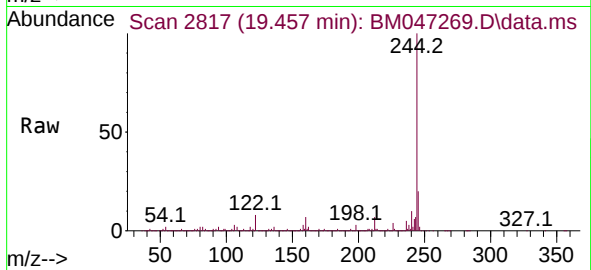
Tgt Ion:244 Resp: 5253111

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 8.4 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: BM047269.D

Acq: 20 Aug 2024 13:27

Tgt Ion:264 Resp: 1157106

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 22.3 17.3 25.9

