

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033509.D
 Acq On : 17 Dec 2021 17:04
 Operator : CG/JU
 Sample : M5051-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P-2

Quant Time: Dec 18 04:52:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	43152	20.000	ng	0.00
21) Naphthalene-d8	10.742	136	178173	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	117924	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	238210	20.000	ng	# 0.00
76) Chrysene-d12	21.506	240	143970	20.000	ng	# 0.00
86) Perylene-d12	23.918	264	117020	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	372542	148.970	ng	0.00
7) Phenol-d6	7.107	99	457489	136.318	ng	0.00
23) Nitrobenzene-d5	9.107	82	418315	100.809	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	196571	148.186	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	852945	100.055	ng	0.00
79) Terphenyl-d14	19.948	244	1167638	127.683	ng	0.00

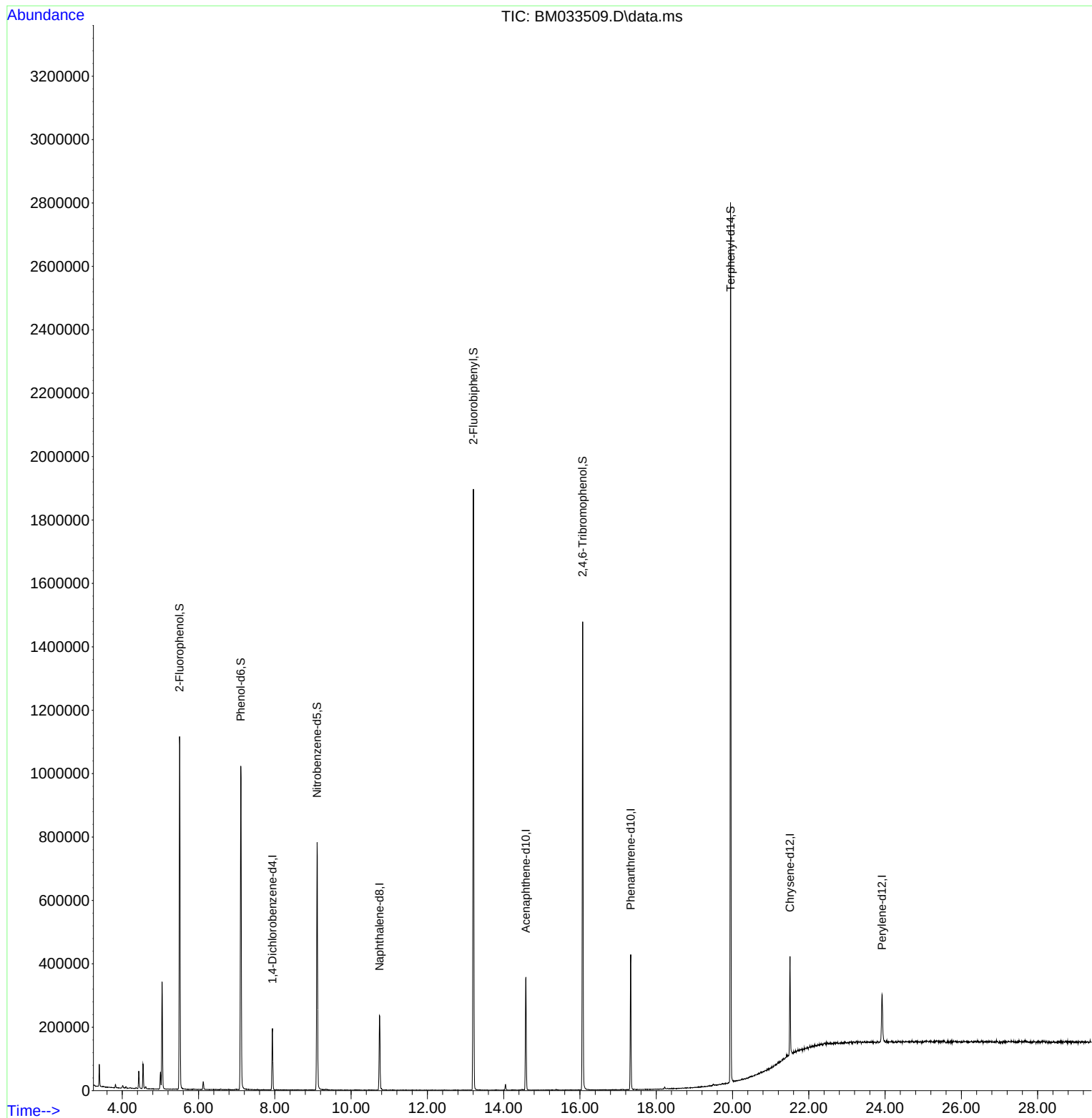
Target Compounds Qvalue

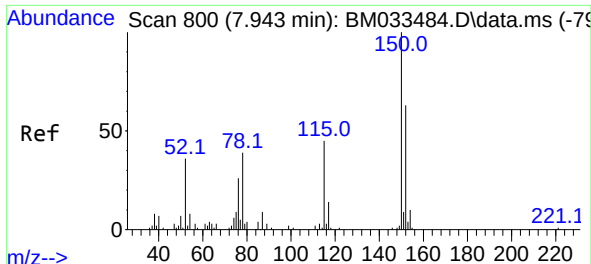
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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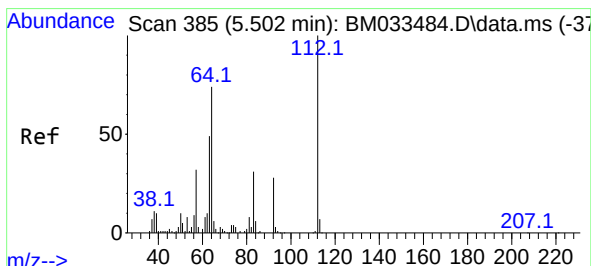
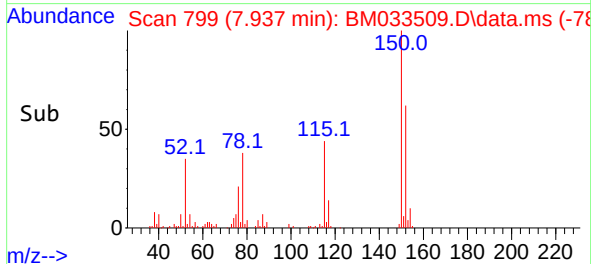
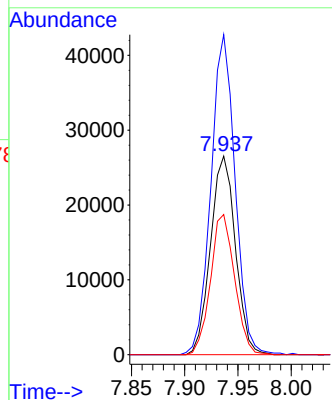
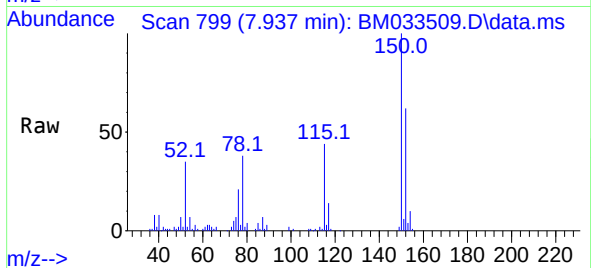




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

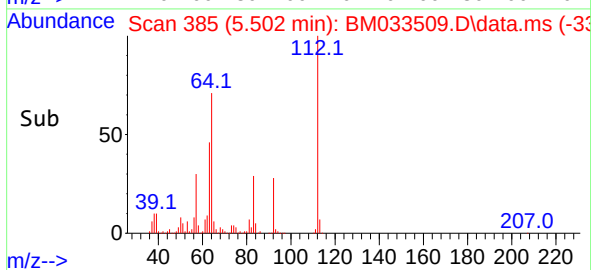
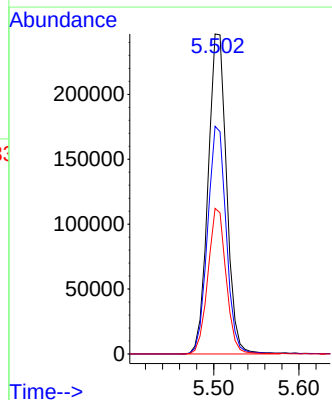
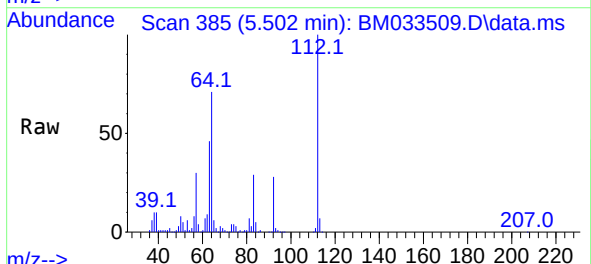
Instrument :
BNA_M
ClientSampleId :
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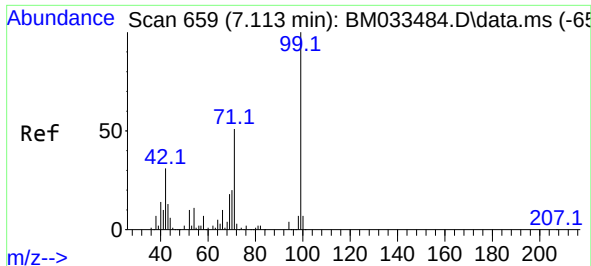
Tgt Ion:152 Resp: 43152
Ion Ratio Lower Upper
152 100
150 161.1 128.9 193.3
115 70.6 53.0 79.6



#5
2-Fluorophenol
Concen: 148.970 ng
RT: 5.502 min Scan# 385
Delta R.T. -0.000 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

Tgt Ion:112 Resp: 372542
Ion Ratio Lower Upper
112 100
64 71.2 55.5 83.3
63 45.5 31.3 46.9

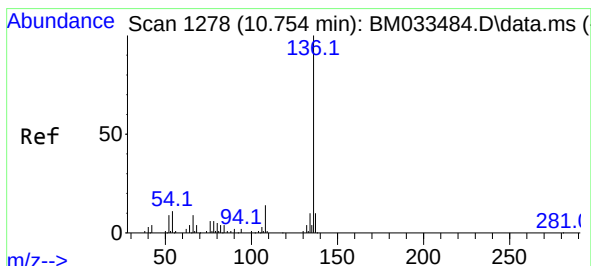
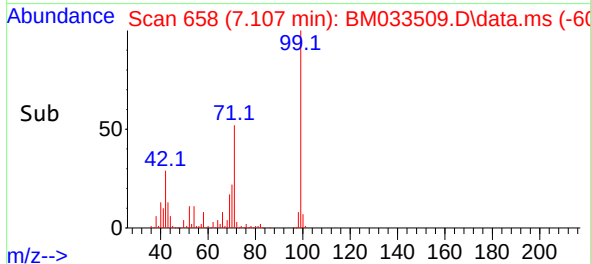
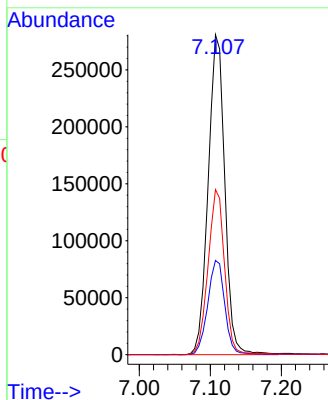
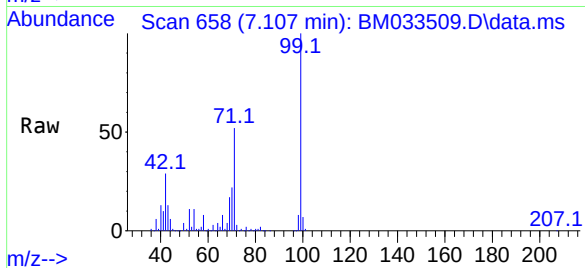




#7
Phenol-d6
Concen: 136.318 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

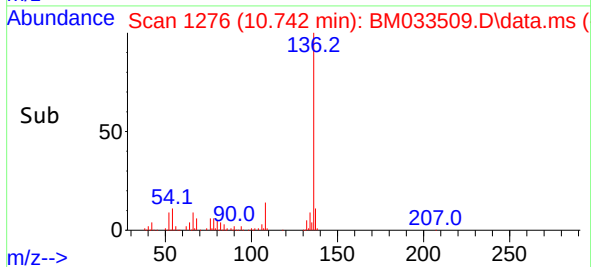
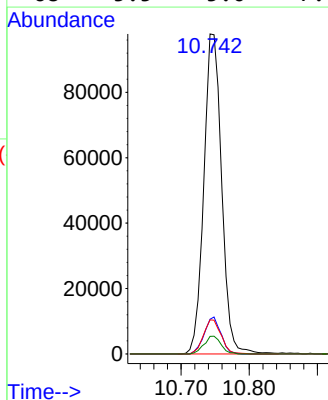
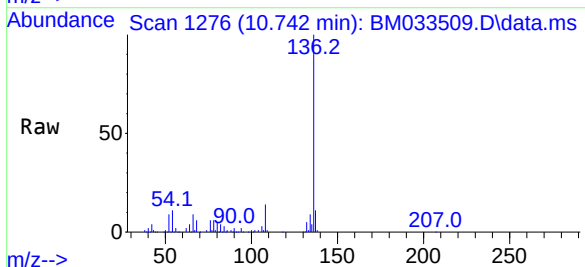
Instrument :
BNA_M
ClientSampleId :
P-2

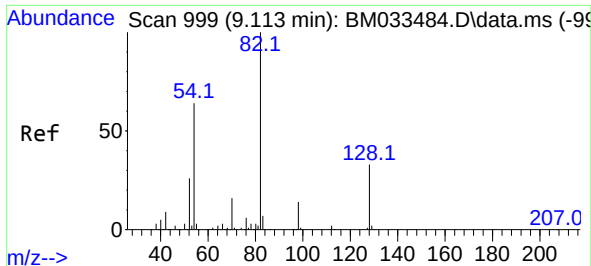
Tgt Ion: 99 Resp: 457489
Ion Ratio Lower Upper
99 100
42 29.5 20.3 30.5
71 51.6 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

Tgt Ion: 136 Resp: 178173
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.6 8.3 12.5
68 5.5 5.0 7.6

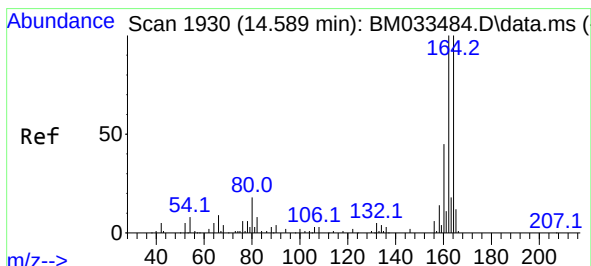
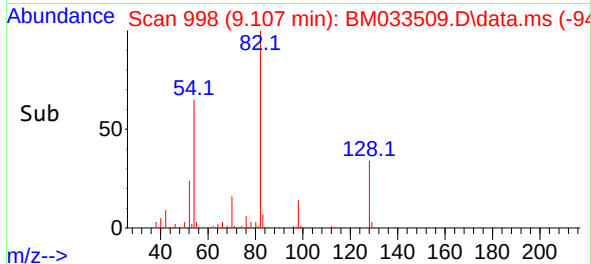
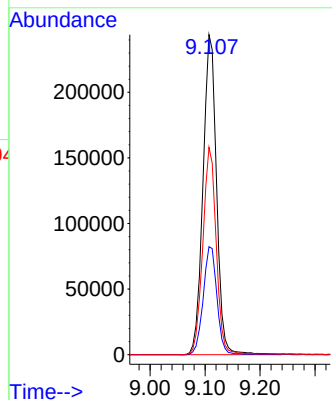
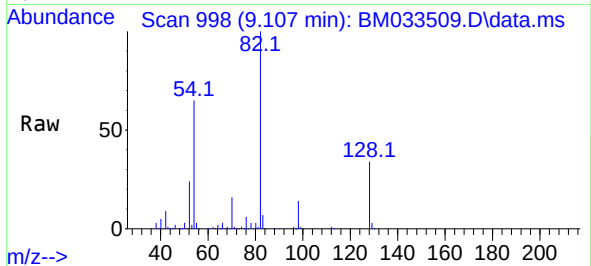




#23
Nitrobenzene-d5
Concen: 100.809 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

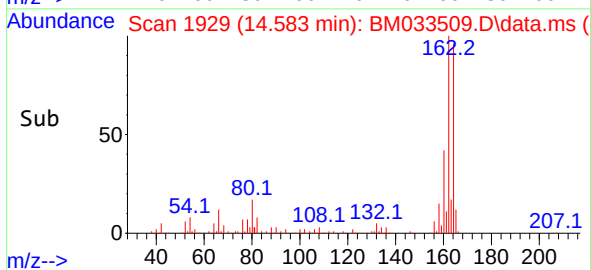
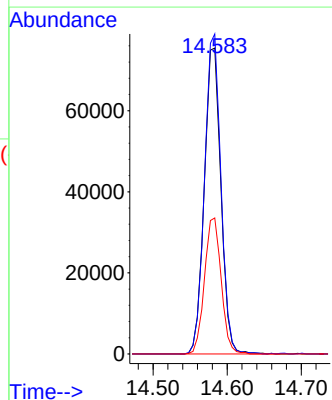
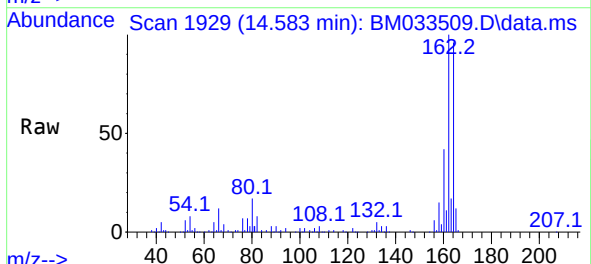
Instrument :
BNA_M
ClientSampleId :
P-2

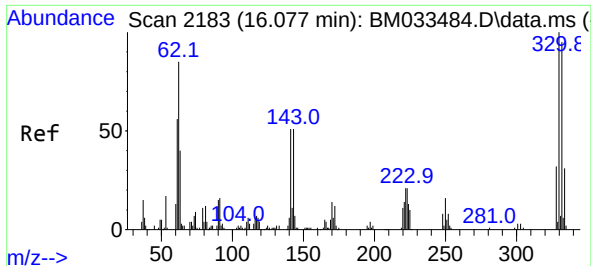
Tgt Ion: 82 Resp: 418315
Ion Ratio Lower Upper
82 100
128 33.8 28.1 42.1
54 64.8 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

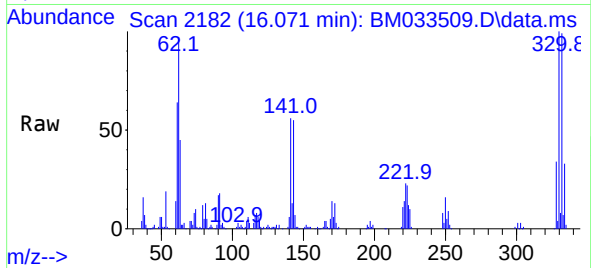
Tgt Ion: 164 Resp: 117924
Ion Ratio Lower Upper
164 100
162 104.6 79.7 119.5
160 44.4 34.2 51.4



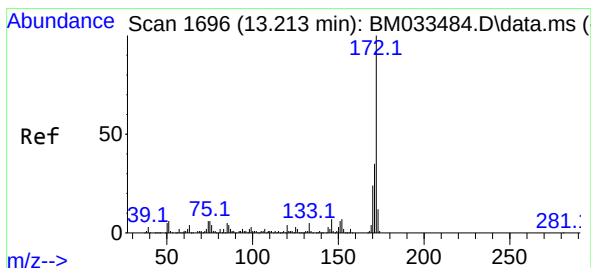
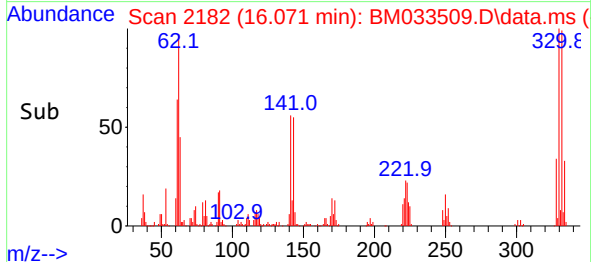
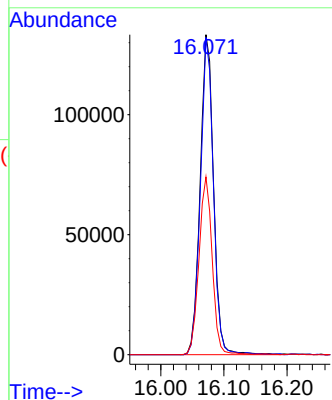


#42
2,4,6-Tribromophenol
Concen: 148.186 ng
RT: 16.071 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

Instrument :
BNA_M
ClientSampleId :
P-2

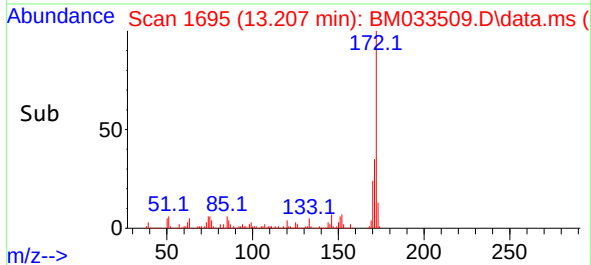
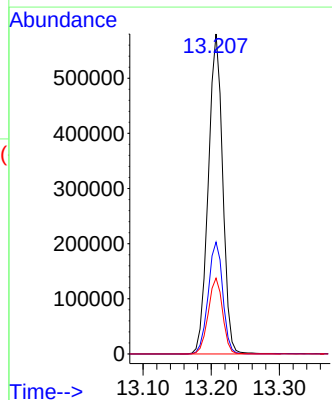
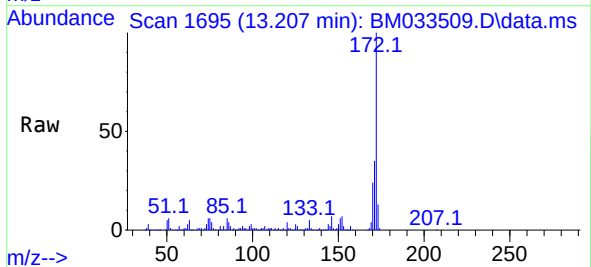


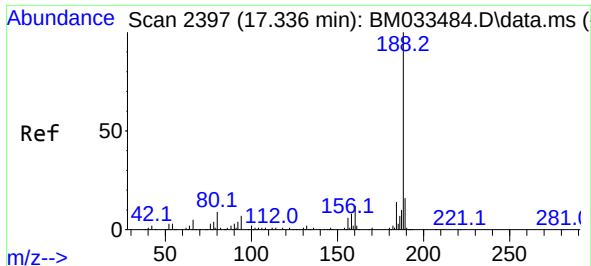
Tgt Ion:330 Resp: 196571
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 55.0 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 100.055 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

Tgt Ion:172 Resp: 852945
Ion Ratio Lower Upper
172 100
171 35.0 27.2 40.8
170 23.7 18.7 28.1

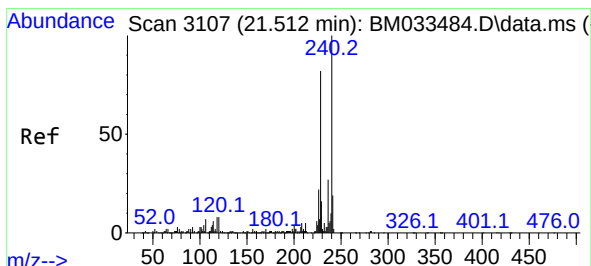
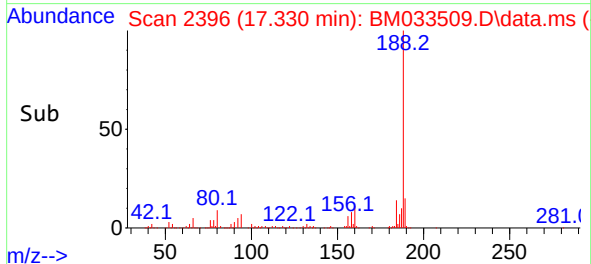
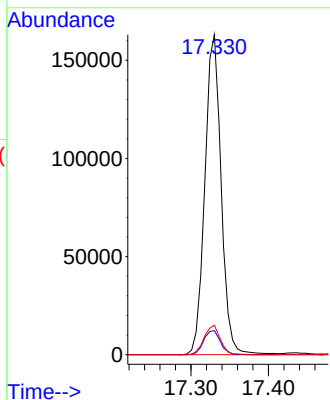
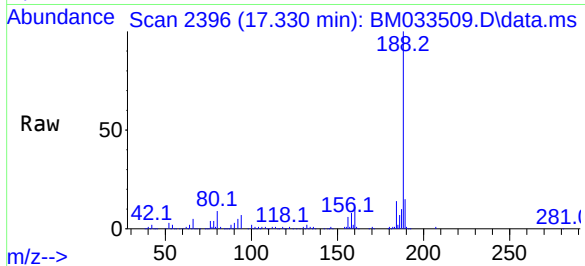




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

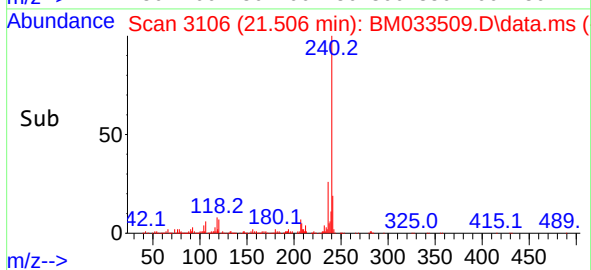
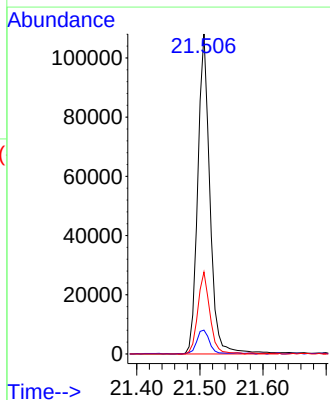
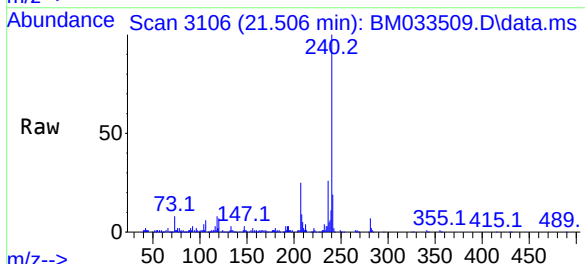
Instrument :
BNA_M
ClientSampleId :
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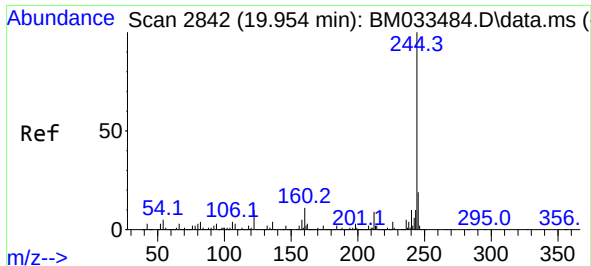
Tgt Ion:188 Resp: 238210
Ion Ratio Lower Upper
188 100
94 7.5 7.5 11.3#
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

Tgt Ion:240 Resp: 143970
Ion Ratio Lower Upper
240 100
120 7.4 7.8 11.6#
236 25.6 20.3 30.5

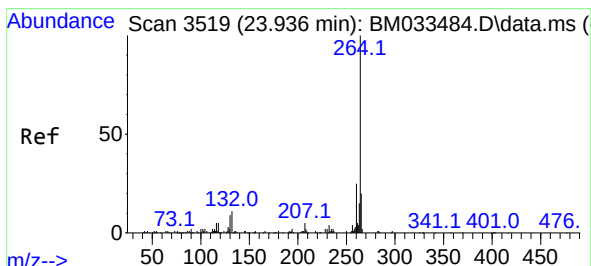
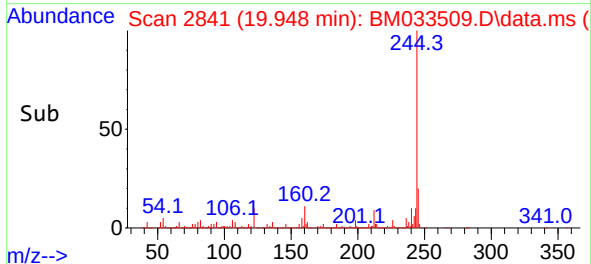
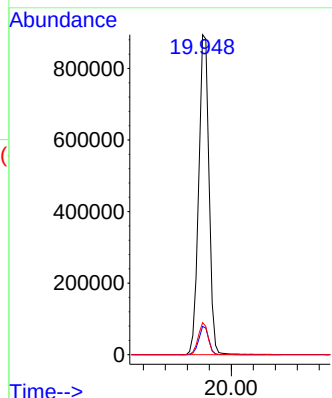
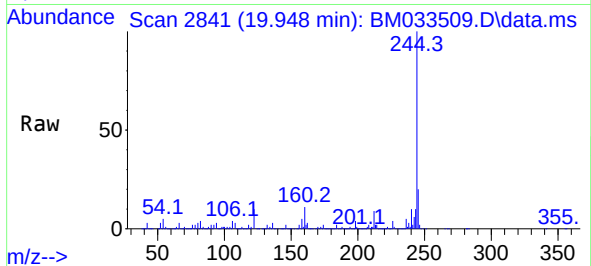




#79
 Terphenyl-d14
 Concen: 127.683 ng
 RT: 19.948 min Scan# 2
 Delta R.T. -0.006 min
 Lab File: BM033509.D
 Acq: 17 Dec 2021 17:04

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 1167638
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.9 8.9
 122 10.0 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.918 min Scan# 3516
 Delta R.T. -0.018 min
 Lab File: BM033509.D
 Acq: 17 Dec 2021 17:04

Tgt Ion:264 Resp: 117020
 Ion Ratio Lower Upper
 264 100
 260 26.2 17.7 26.5
 265 23.8 17.7 26.5

