

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042461.D
 Acq On : 26 Oct 2023 20:24
 Operator : MA/JU
 Sample : 05010-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 343

Quant Time: Oct 27 00:46:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

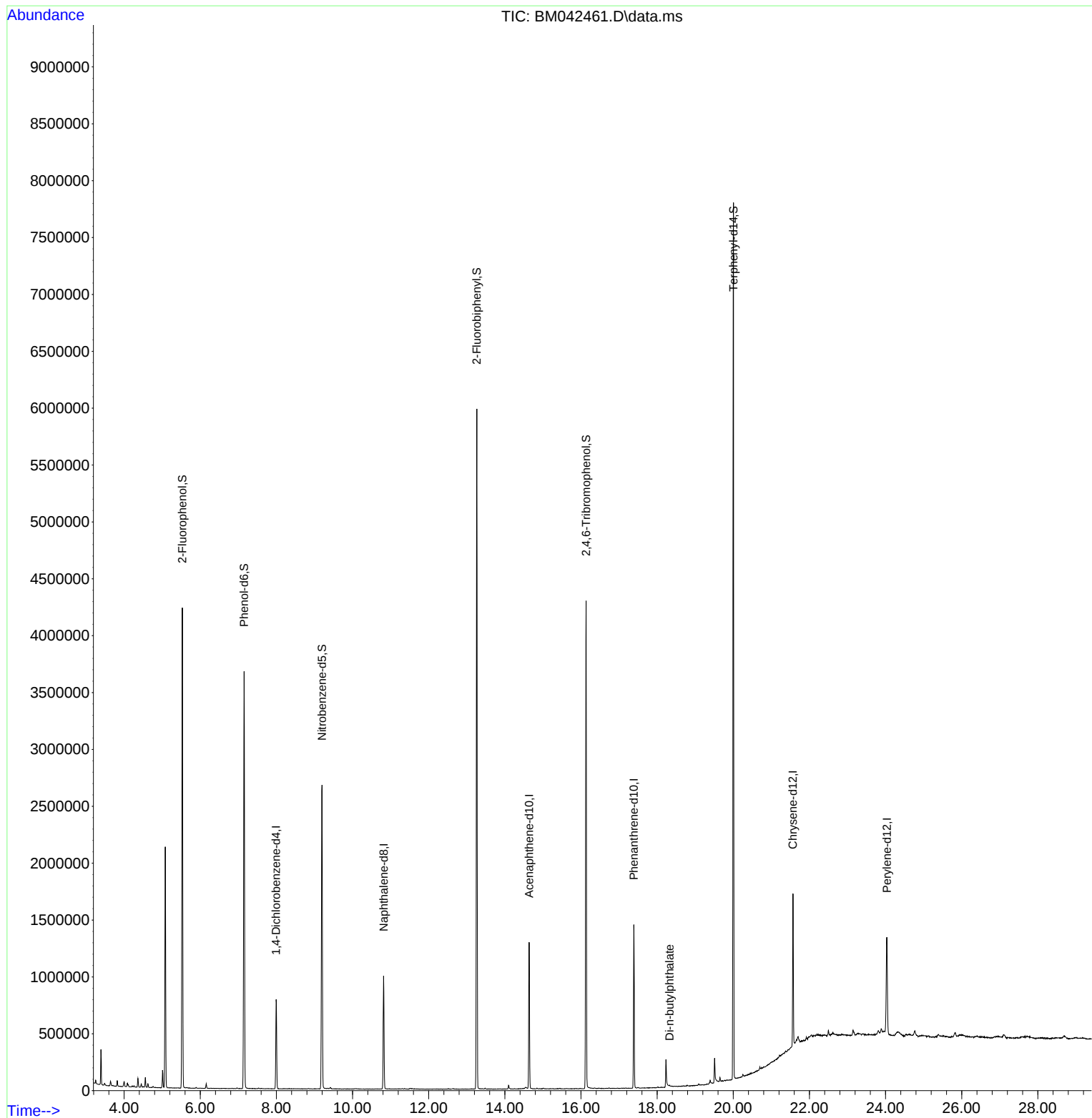
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	199322	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	768920	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	429342	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	829447	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	592685	20.000	ng	-0.01
86) Perylene-d12	24.033	264	642984	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1630532	115.615	ng	0.00
7) Phenol-d6	7.151	99	1951683	103.264	ng	0.00
23) Nitrobenzene-d5	9.198	82	1538498	88.477	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	766674	159.440	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	2947930	92.460	ng	0.00
79) Terphenyl-d14	20.004	244	3732223	111.679	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.327	149	4729	2.901	ng	Qvalue # 89

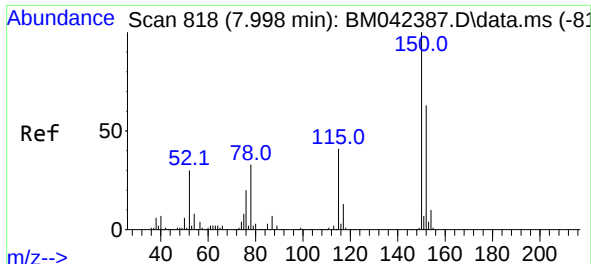
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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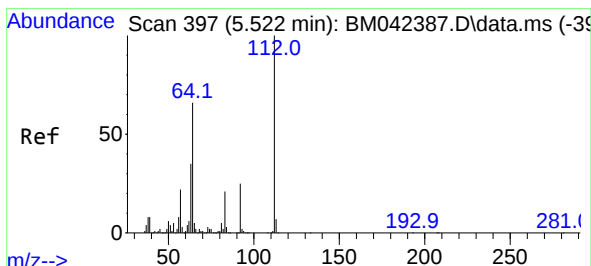
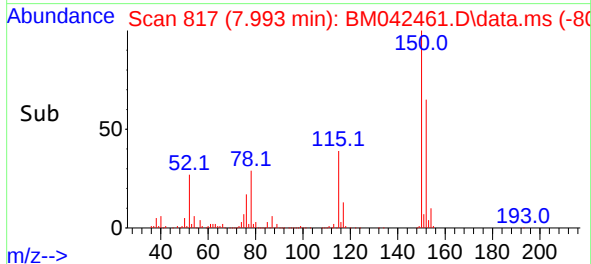
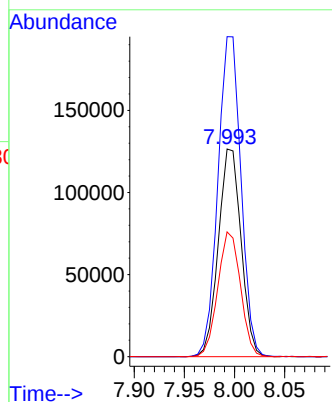
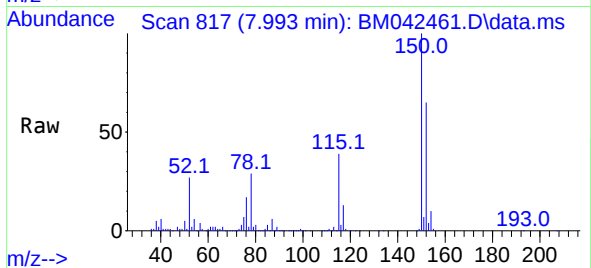




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

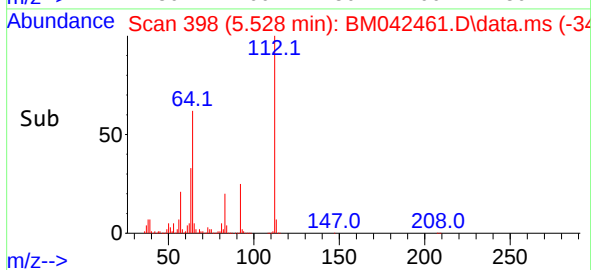
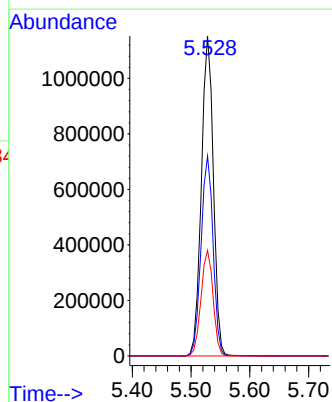
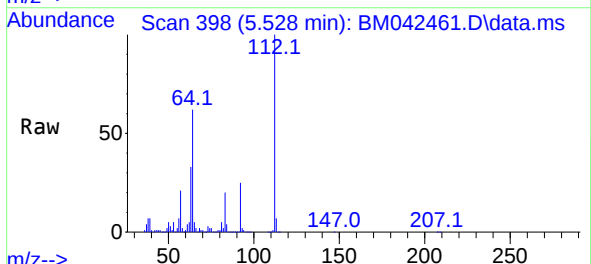
Instrument :
BNA_M
ClientSampleId :
343

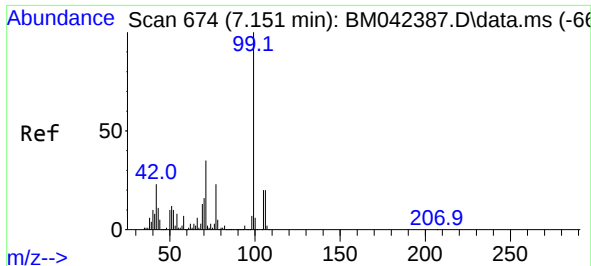
Tgt Ion:152 Resp: 199322
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.4
115 60.1 51.9 77.9



#5
2-Fluorophenol
Concen: 115.615 ng
RT: 5.528 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

Tgt Ion:112 Resp: 1630532
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 33.0 28.3 42.5



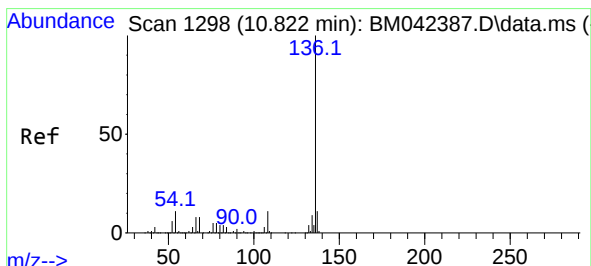
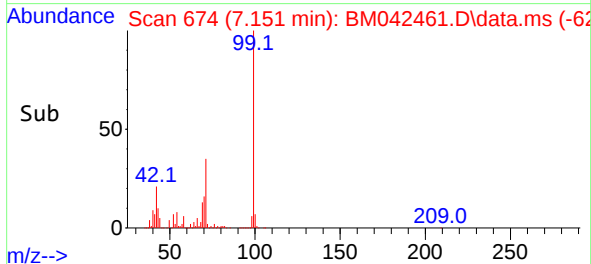
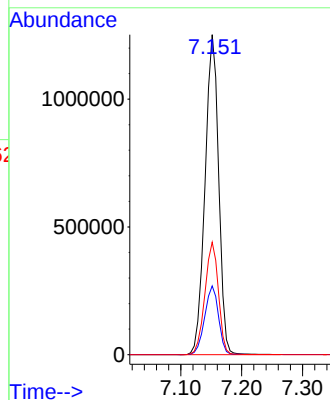
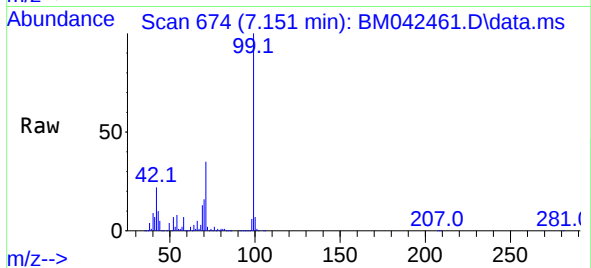


#7
Phenol-d6
Concen: 103.264 ng
RT: 7.151 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

Instrument :
BNA_M
ClientSampleId :
343

Tgt Ion: 99 Resp: 1951683

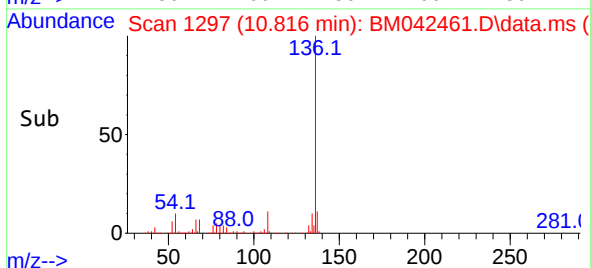
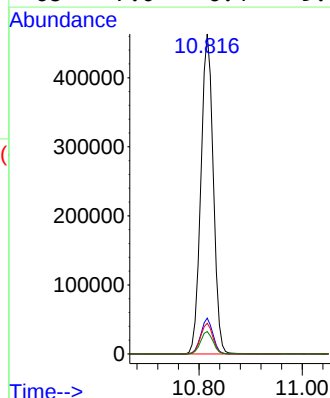
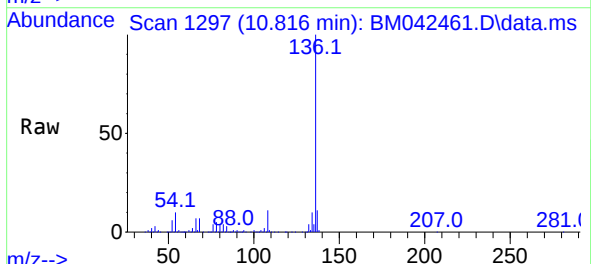
Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.5	27.7
71	35.2	27.7	41.5

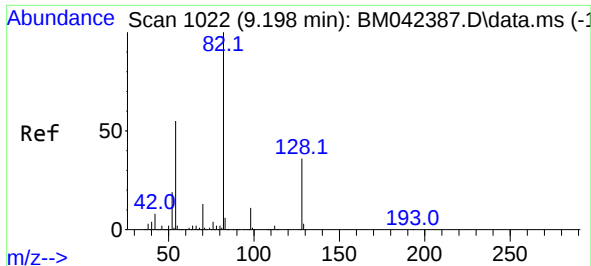


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

Tgt Ion: 136 Resp: 768920

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.6	8.6	12.8
68	7.0	6.4	9.6

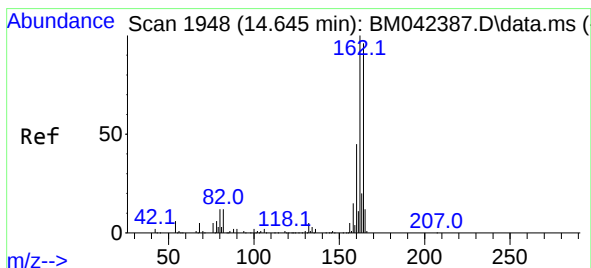
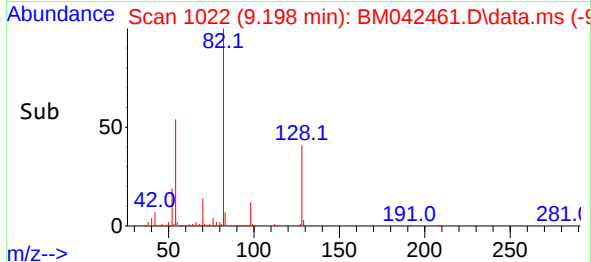
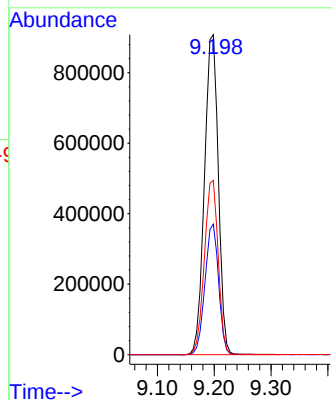
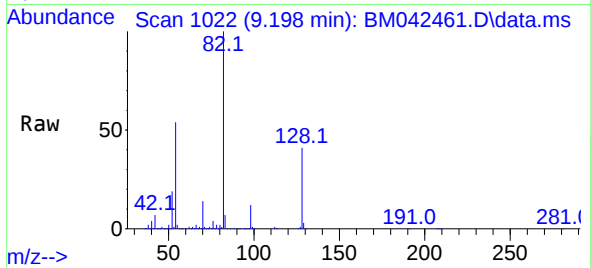




#23
Nitrobenzene-d5
Concen: 88.477 ng
RT: 9.198 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

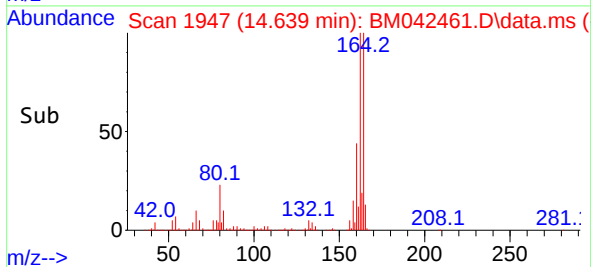
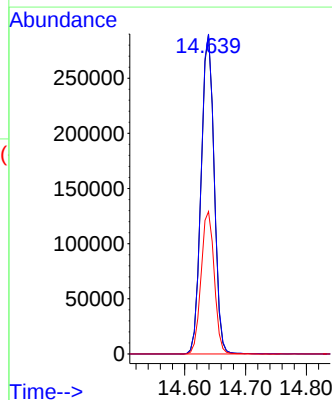
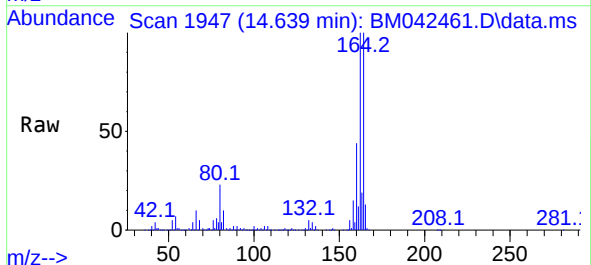
Instrument :
BNA_M
ClientSampleId :
343

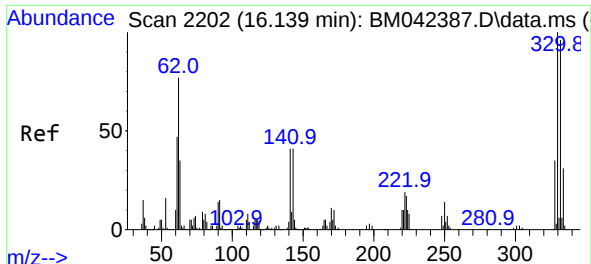
Tgt Ion: 82 Resp: 1538498
Ion Ratio Lower Upper
82 100
128 40.8 29.0 43.6
54 54.5 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

Tgt Ion:164 Resp: 429342
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.4
160 44.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 159.440 ng

RT: 16.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

343

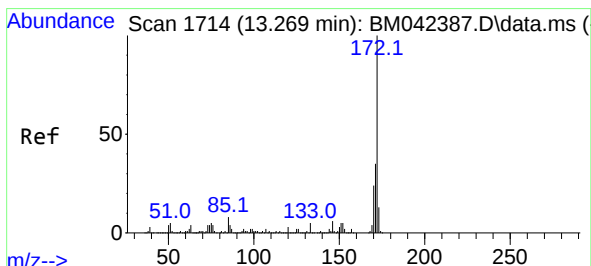
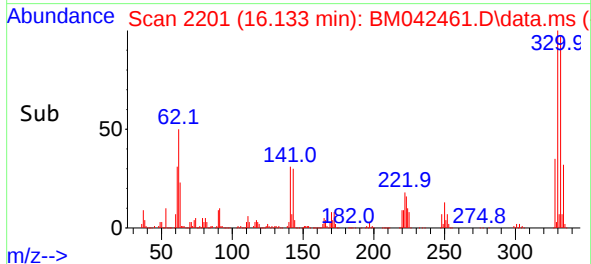
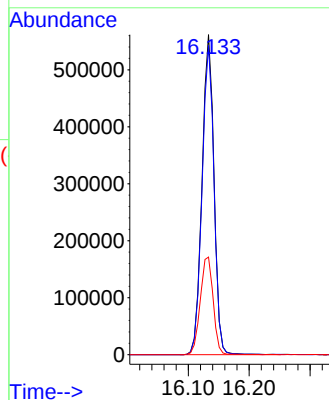
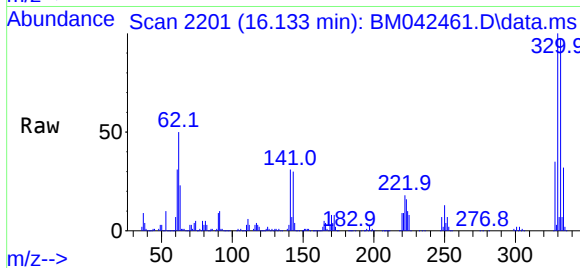
Tgt Ion:330 Resp: 766674

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 33.0 38.0 57.0#



#45

2-Fluorobiphenyl

Concen: 92.460 ng

RT: 13.263 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

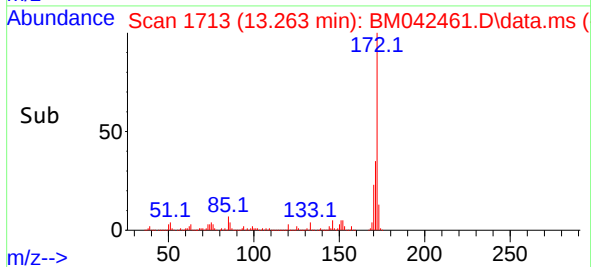
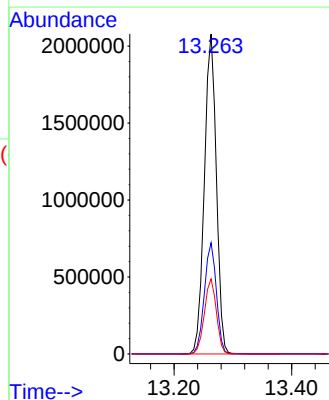
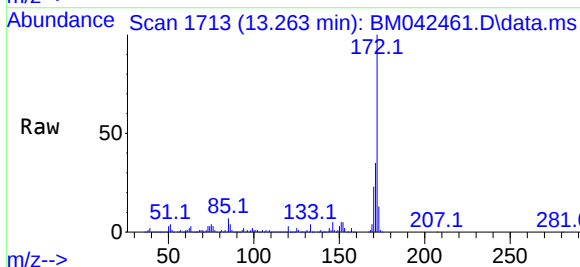
Tgt Ion:172 Resp: 2947930

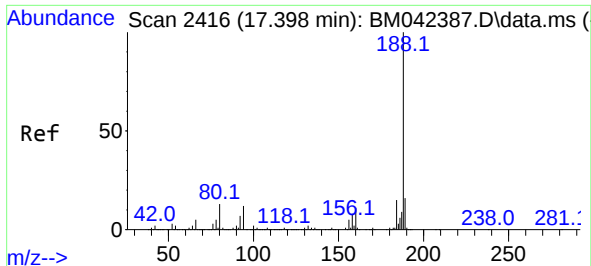
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.4 18.9 28.3

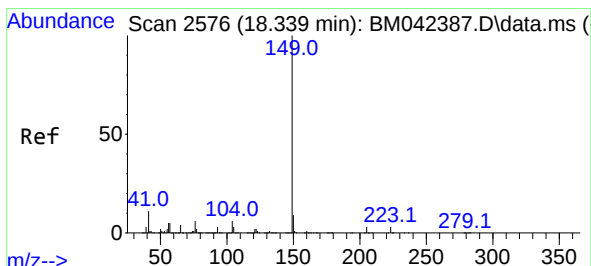
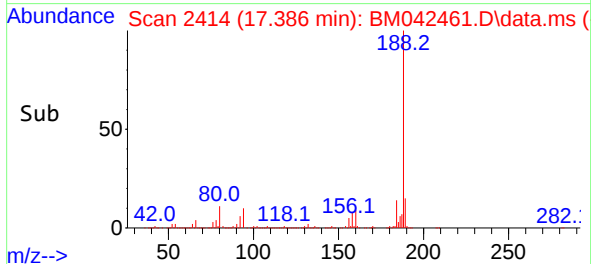
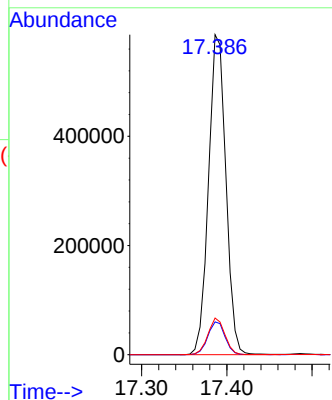
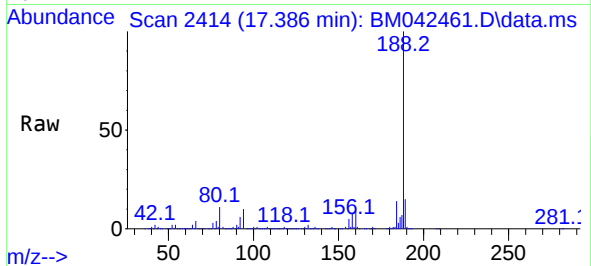




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

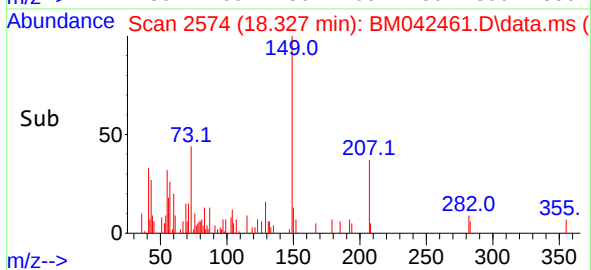
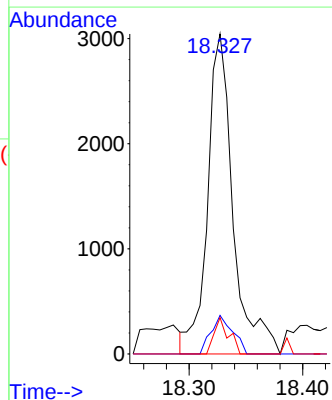
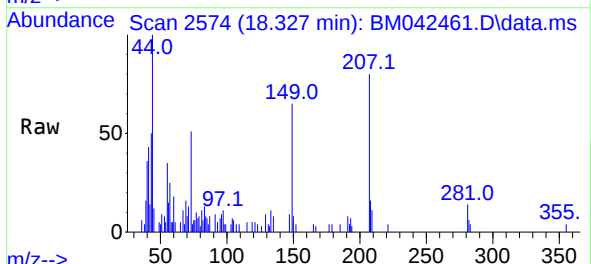
Instrument :
BNA_M
ClientSampleId :
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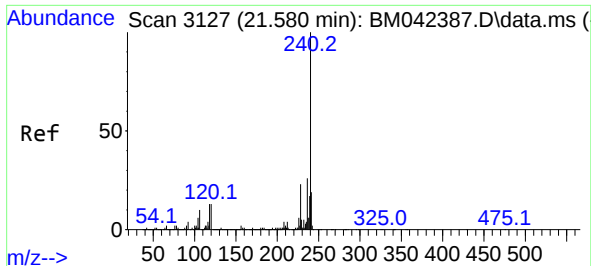
Tgt Ion:188 Resp: 829447
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.0
80 11.5 10.7 16.1



#74
Di-n-butylphthalate
Concen: 2.901 ng
RT: 18.327 min Scan# 2574
Delta R.T. -0.012 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

Tgt Ion:149 Resp: 4729
Ion Ratio Lower Upper
149 100
150 12.1 7.4 11.0#
104 11.4 4.6 7.0#

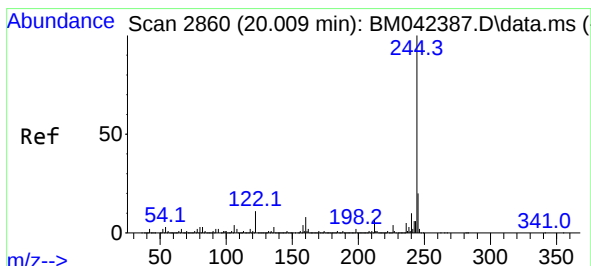
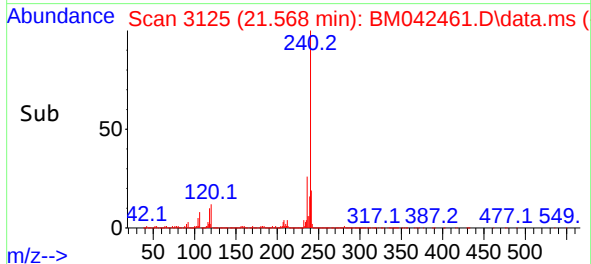
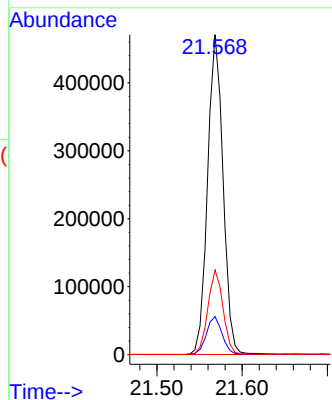
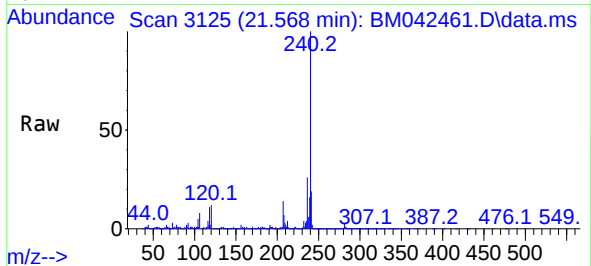




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

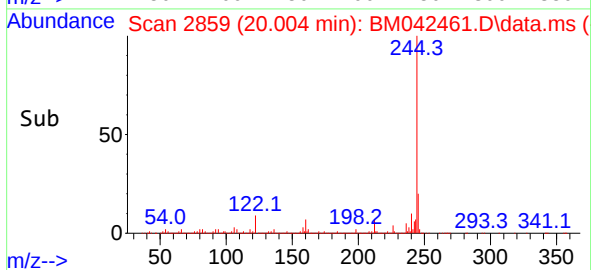
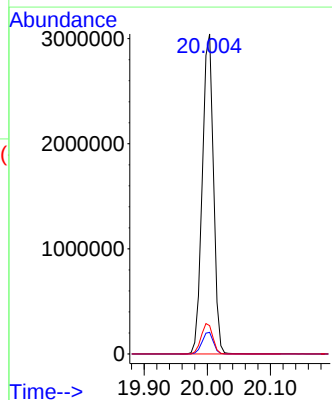
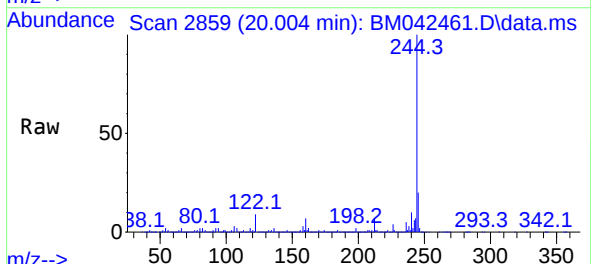
Instrument :
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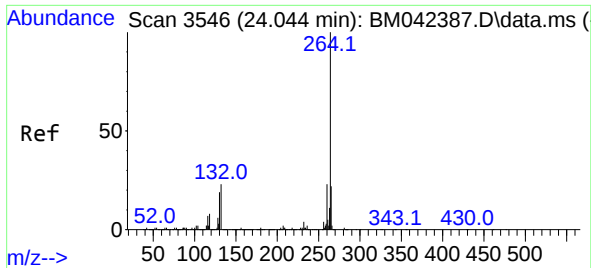
Tgt Ion:240 Resp: 592685
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 26.5 20.7 31.1



#79
Terphenyl-d14
Concen: 111.679 ng
RT: 20.004 min Scan# 2859
Delta R.T. -0.005 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

Tgt Ion:244 Resp: 3732223
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 8.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.033 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM042461.D
 Acq: 26 Oct 2023 20:24

Instrument :
 BNA_M
 ClientSampleId :
 343

Tgt Ion:264 Resp: 642984

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.7	17.8	26.8

