

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
 Data File : BN024554.D
 Acq On : 24 Mar 2023 20:35
 Operator : CG/JU
 Sample : SP6167
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6167

Quant Time: Mar 25 00:27:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 00:22:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.018	152	8889	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	24888	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	12211	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	24282	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	12690	0.400	ng	# 0.00
35) Perylene-d12	24.079	264	10392	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	9692	0.492	ng	0.00
5) Phenol-d6	7.181	99	10944	0.433	ng	0.00
8) Nitrobenzene-d5	9.190	82	9159	0.551	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	15045	0.492	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1875	0.300	ng	0.01
15) 2-Fluorobiphenyl	13.286	172	22526	0.488	ng	0.00
27) Fluoranthene-d10	19.429	212	24040	0.467	ng	0.00
31) Terphenyl-d14	20.016	244	13016	0.608	ng	0.00

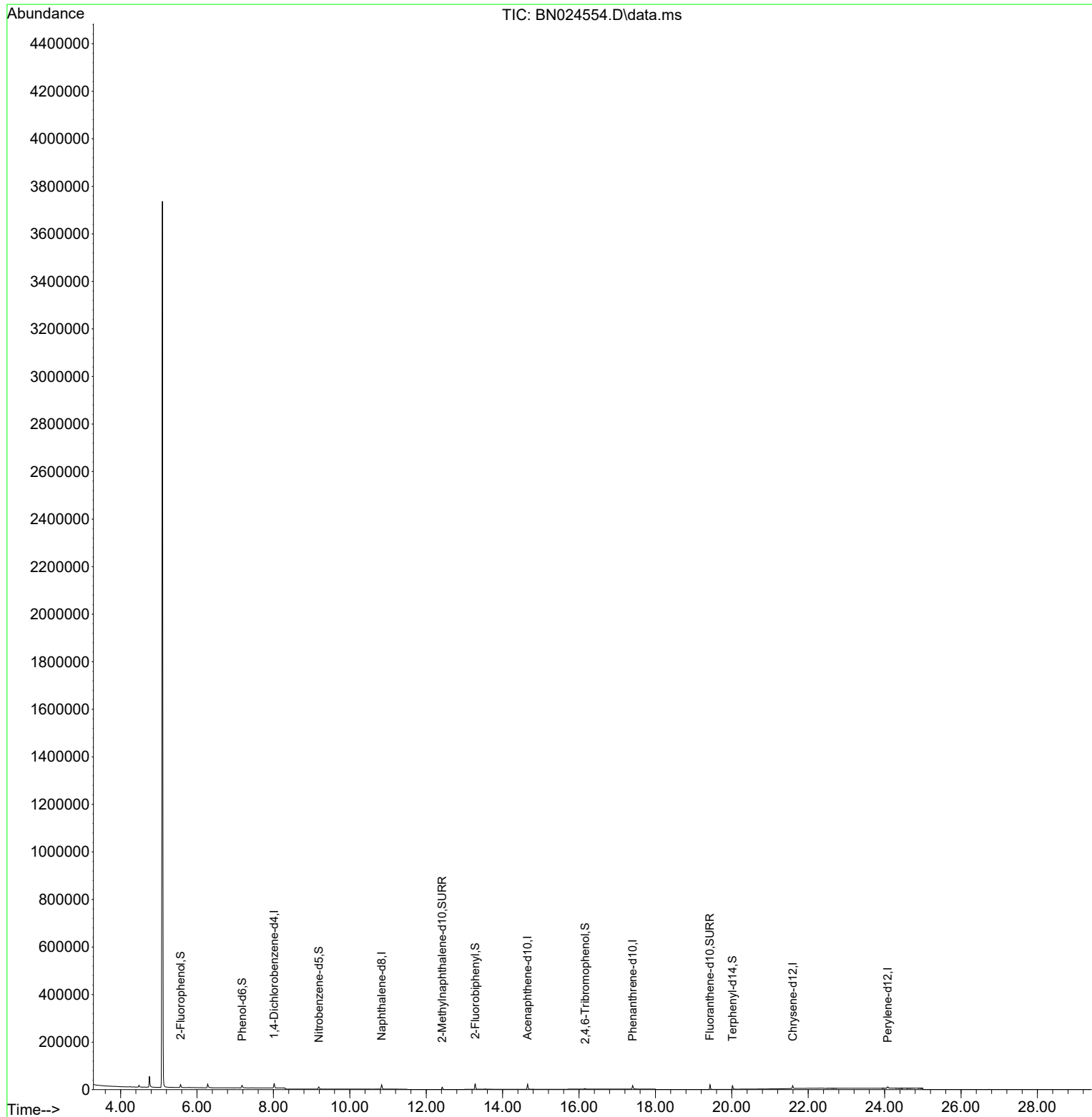
Target Compounds Qvalue

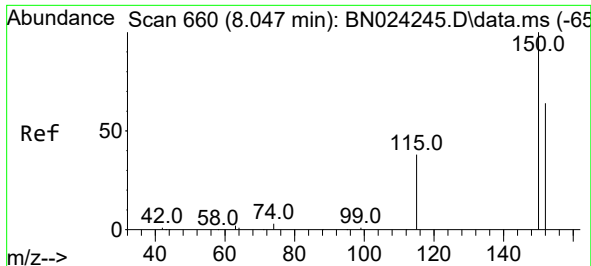
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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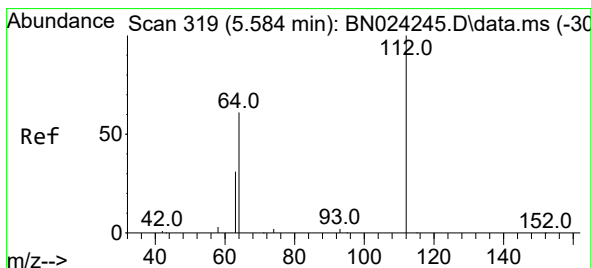
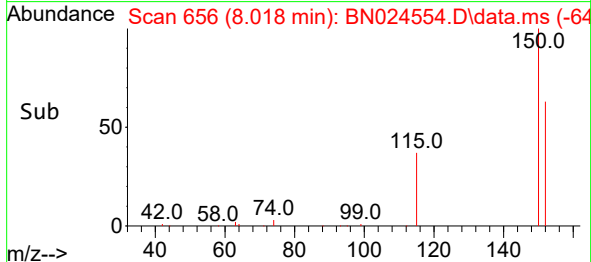
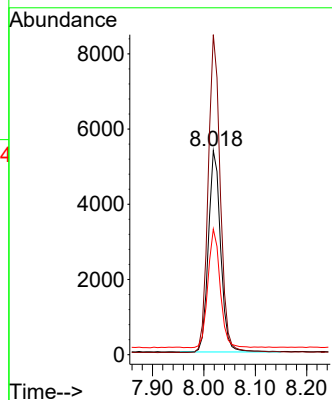
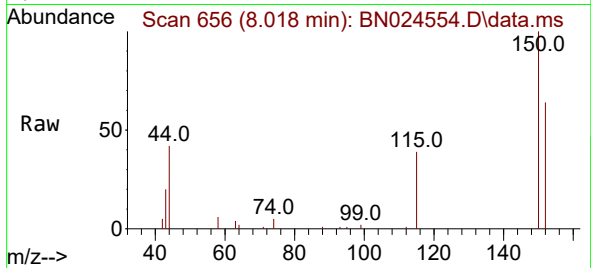




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.018 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

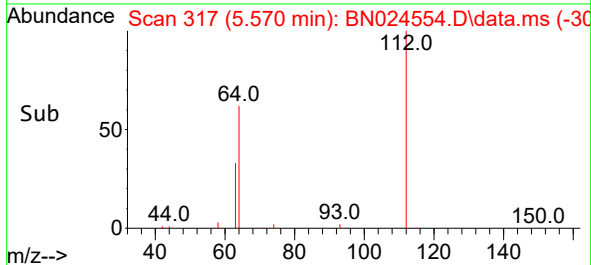
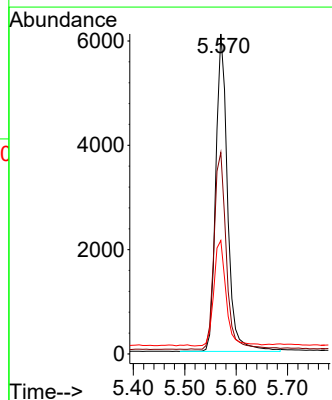
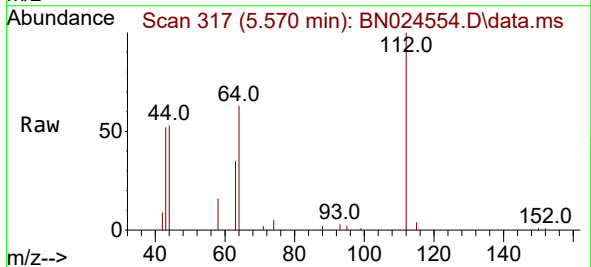
Instrument :
BNA_N
ClientSampleId :
SP6167

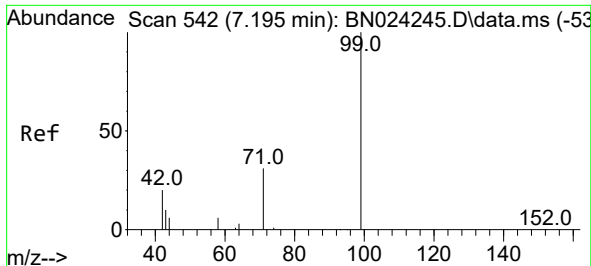
Tgt Ion:152 Resp: 8889
Ion Ratio Lower Upper
152 100
150 156.9 124.7 187.1
115 61.6 49.1 73.7



#4
2-Fluorophenol
Concen: 0.492 ng
RT: 5.570 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

Tgt Ion:112 Resp: 9692
Ion Ratio Lower Upper
112 100
64 64.1 49.0 73.6
63 34.6 25.7 38.5

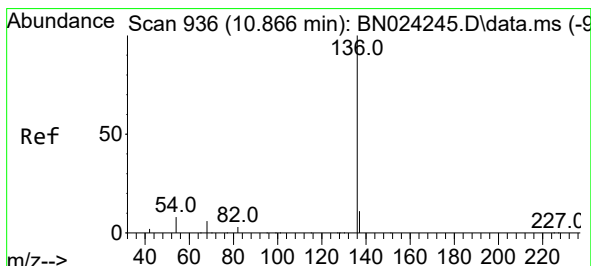
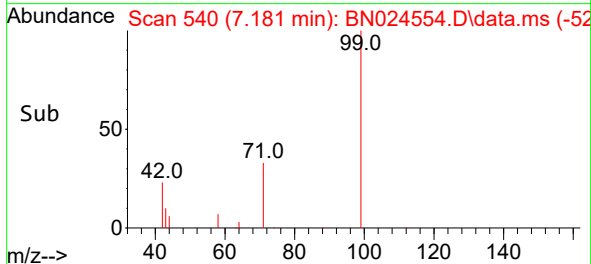
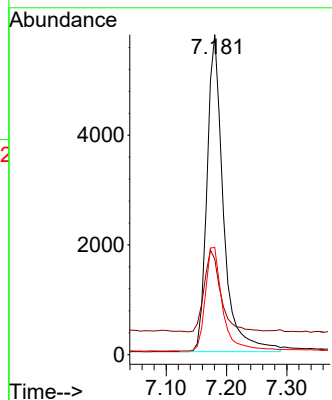
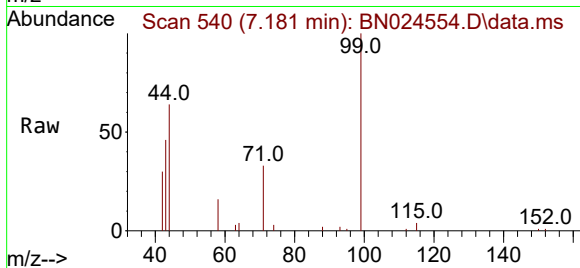




#5
Phenol-d6
Concen: 0.433 ng
RT: 7.181 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

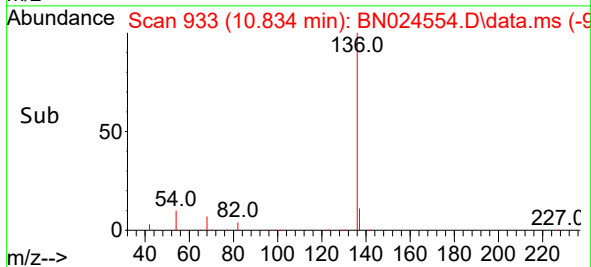
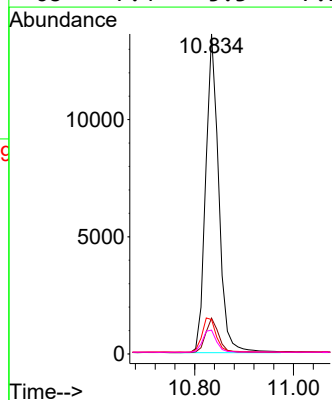
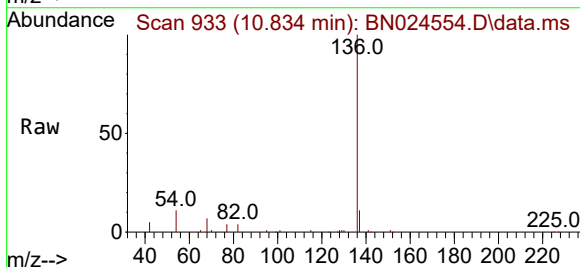
Instrument :
BNA_N
ClientSampleId :
SP6167

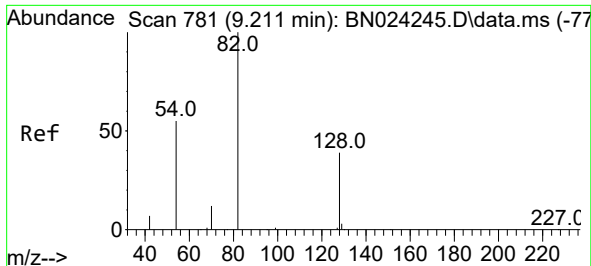
Tgt Ion: 99 Resp: 10944
Ion Ratio Lower Upper
99 100
42 26.1 20.1 30.1
71 34.3 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

Tgt Ion: 136 Resp: 24888
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.8 7.1 10.7#
68 7.4 5.3 7.9

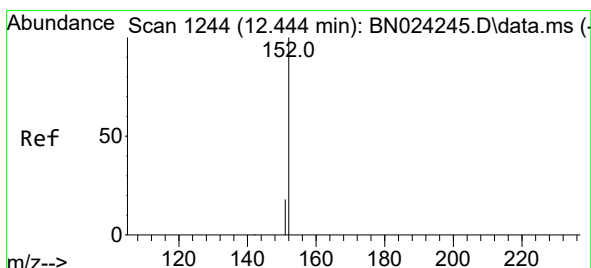
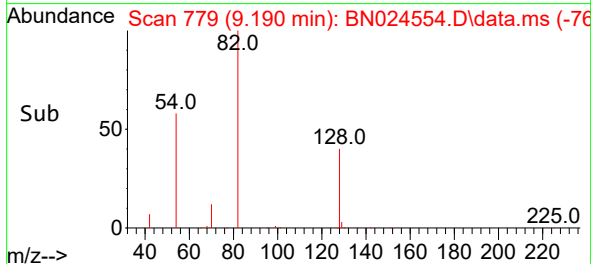
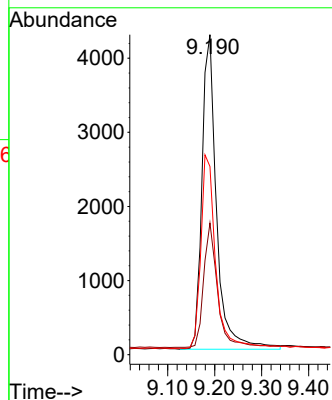
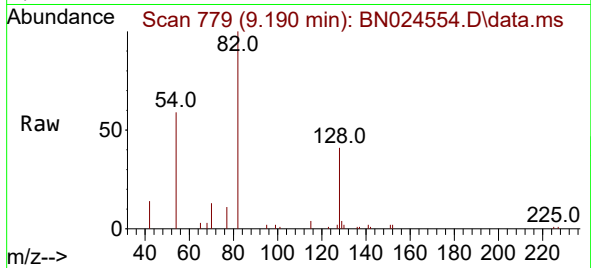




#8
Nitrobenzene-d5
Concen: 0.551 ng
RT: 9.190 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

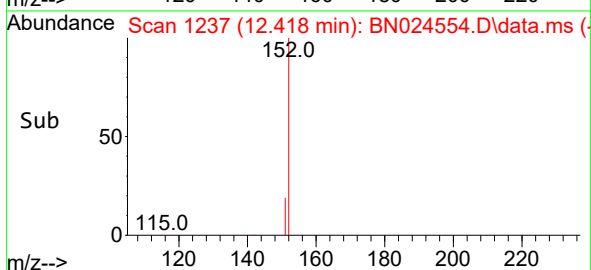
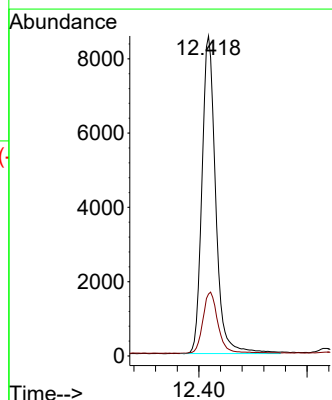
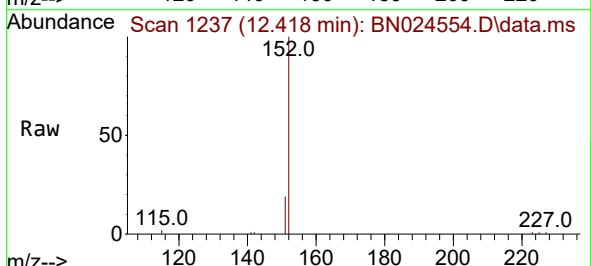
Instrument :
BNA_N
ClientSampleId :
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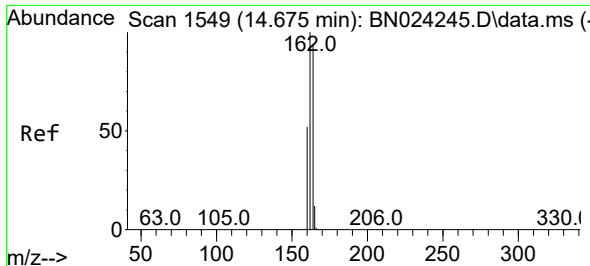
Tgt Ion: 82 Resp: 9159
Ion Ratio Lower Upper
82 100
128 41.1 32.4 48.6
54 58.8 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.492 ng
RT: 12.418 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

Tgt Ion: 152 Resp: 15045
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2

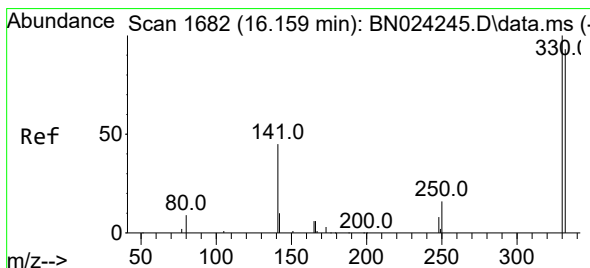
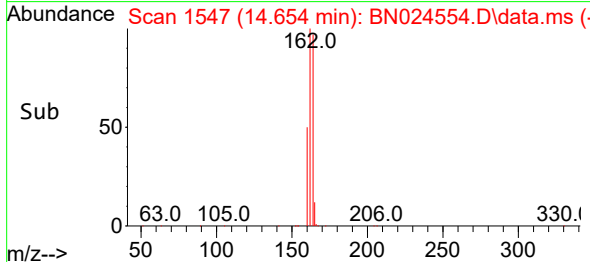
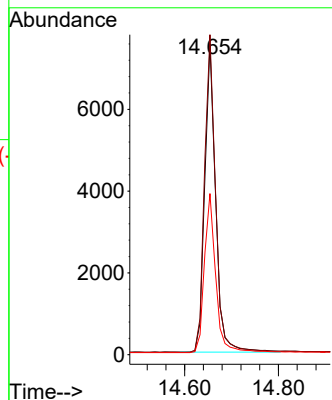
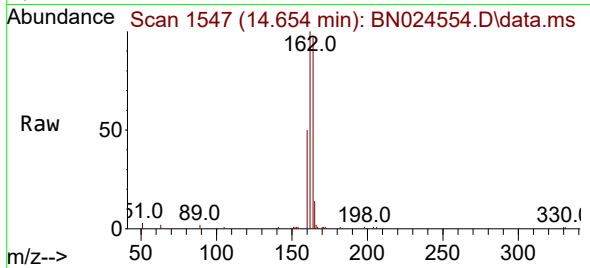




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

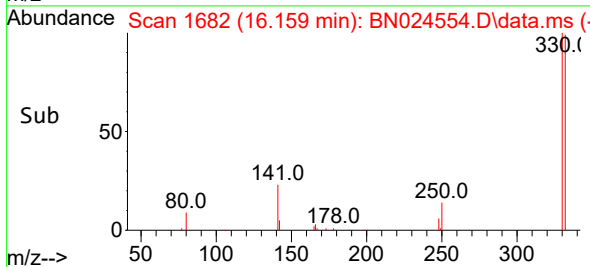
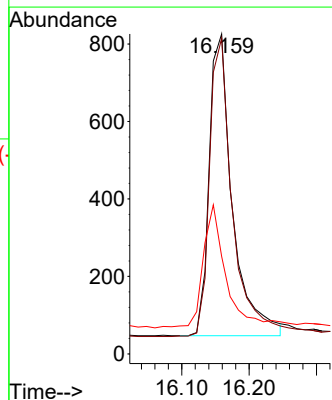
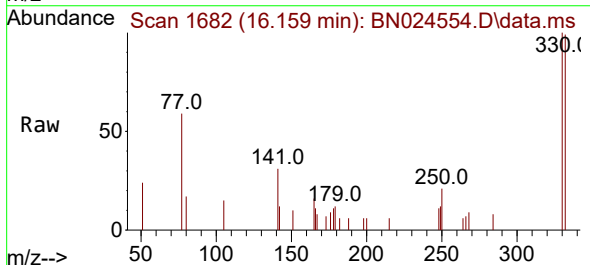
Instrument :
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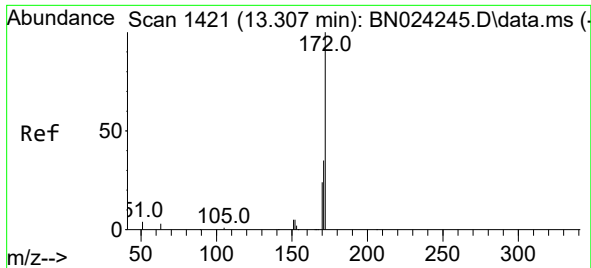
Tgt Ion:164 Resp: 12211
Ion Ratio Lower Upper
164 100
162 102.9 84.7 127.1
160 51.8 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.012 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

Tgt Ion:330 Resp: 1875
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 38.5 30.8 46.2

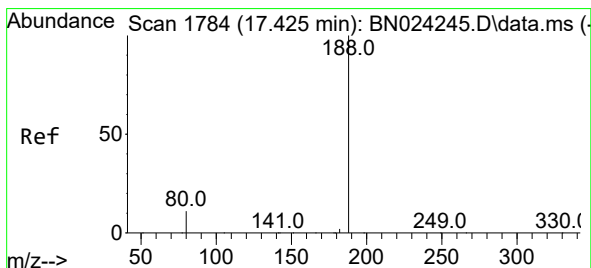
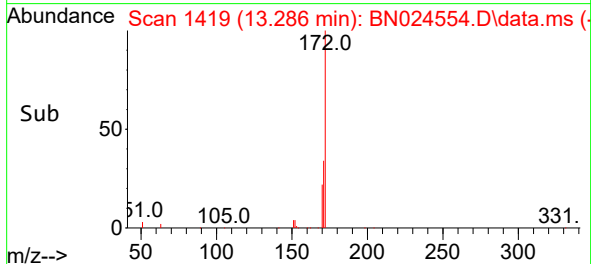
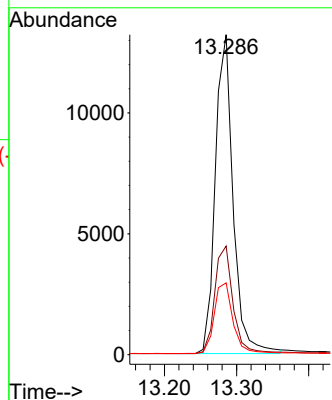
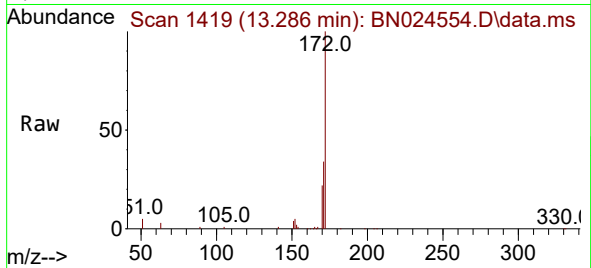




#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 13.286 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

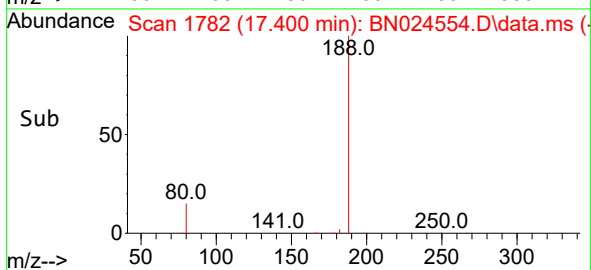
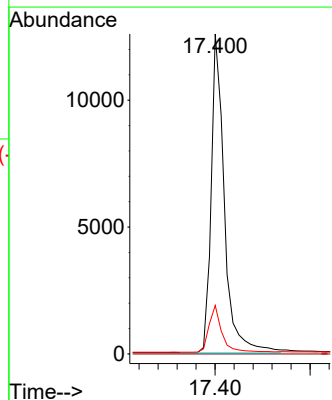
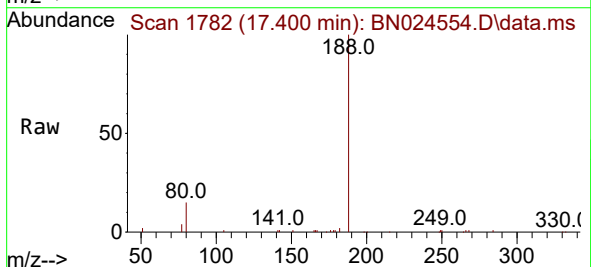
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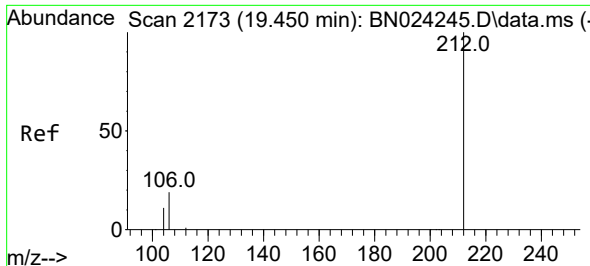
Tgt Ion:172 Resp: 22526
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 22.5 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

Tgt Ion:188 Resp: 24282
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 8.9 13.3#

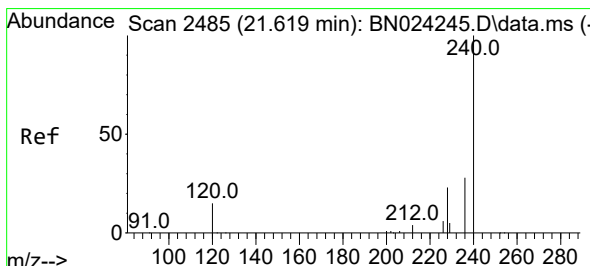
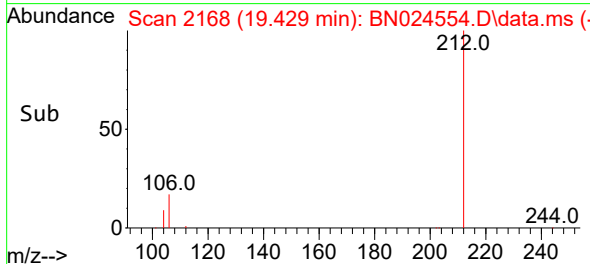
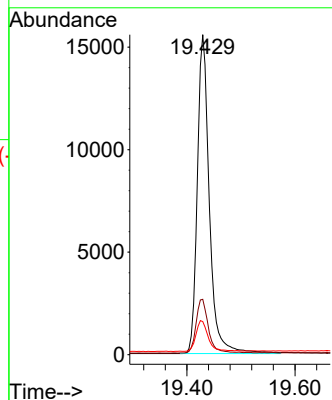
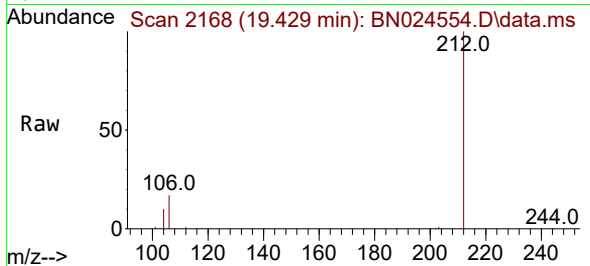




#27
Fluoranthene-d10
Concen: 0.467 ng
RT: 19.429 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

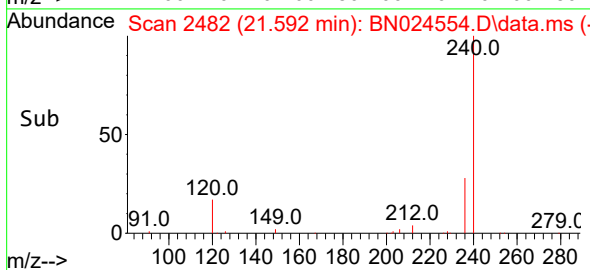
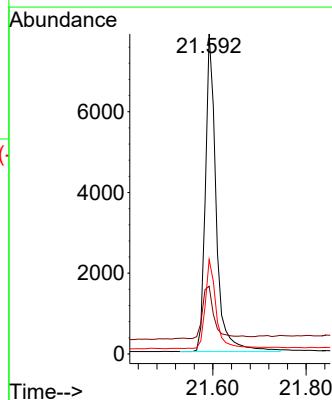
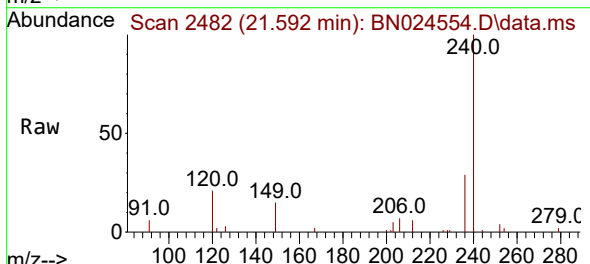
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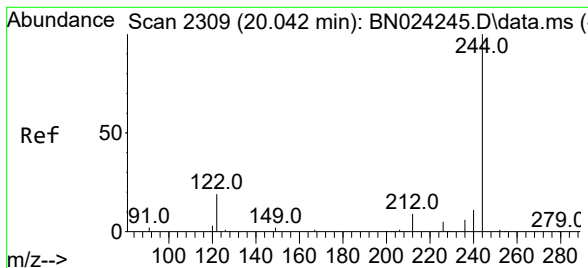
Tgt Ion:212 Resp: 24040
Ion Ratio Lower Upper
212 100
106 17.1 15.4 23.2
104 9.7 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN024554.D
Acq: 24 Mar 2023 20:35

Tgt Ion:240 Resp: 12690
Ion Ratio Lower Upper
240 100
120 21.2 12.8 19.2#
236 29.5 22.5 33.7





#31

Terphenyl-d14

Concen: 0.608 ng

RT: 20.016 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024554.D

Acq: 24 Mar 2023 20:35

Instrument :

BNA_N

ClientSampleId :

SP6167

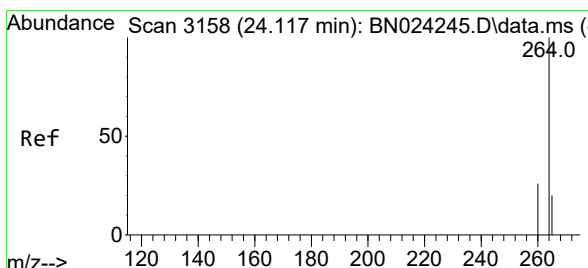
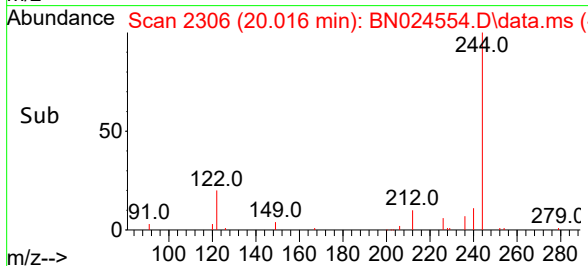
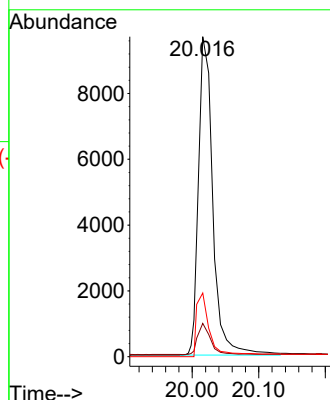
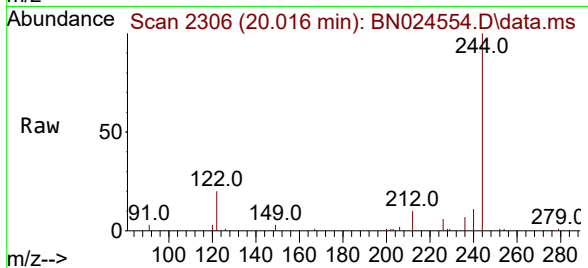
Tgt Ion:244 Resp: 13016

Ion Ratio Lower Upper

244 100

212 10.4 7.6 11.4

122 19.9 15.1 22.7



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.079 min Scan# 3145

Delta R.T. -0.018 min

Lab File: BN024554.D

Acq: 24 Mar 2023 20:35

Tgt Ion:264 Resp: 10392

Ion Ratio Lower Upper

264 100

260 27.0 21.4 32.2

265 117.9 35.7 53.5#

