

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
 Data File : BN028342.D
 Acq On : 23 Oct 2023 12:52
 Operator : MA/JU
 Sample : PB156530BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156530BL

Quant Time: Oct 23 15:15:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	3306	0.400	ng	0.01
7) Naphthalene-d8	10.735	136	10008	0.400	ng	# 0.03
13) Acenaphthene-d10	14.555	164	5312	0.400	ng	0.02
19) Phenanthrene-d10	17.319	188	12745	0.400	ng	0.02
29) Chrysene-d12	21.497	240	9348	0.400	ng	0.00
35) Perylene-d12	23.958	264	3229	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	3786	0.369	ng	0.00
5) Phenol-d6	7.105	99	3305	0.261	ng	0.05
8) Nitrobenzene-d5	9.144	82	2974	0.335	ng	0.04
11) 2-Methylnaphthalene-d10	12.328	152	6058	0.403	ng	0.03
14) 2,4,6-Tribromophenol	16.077	330	754	0.291	ng	0.01
15) 2-Fluorobiphenyl	13.186	172	7744	0.414	ng	0.02
27) Fluoranthene-d10	19.332	212	12972	0.380	ng	0.00
31) Terphenyl-d14	19.918	244	11113	0.560	ng	0.00

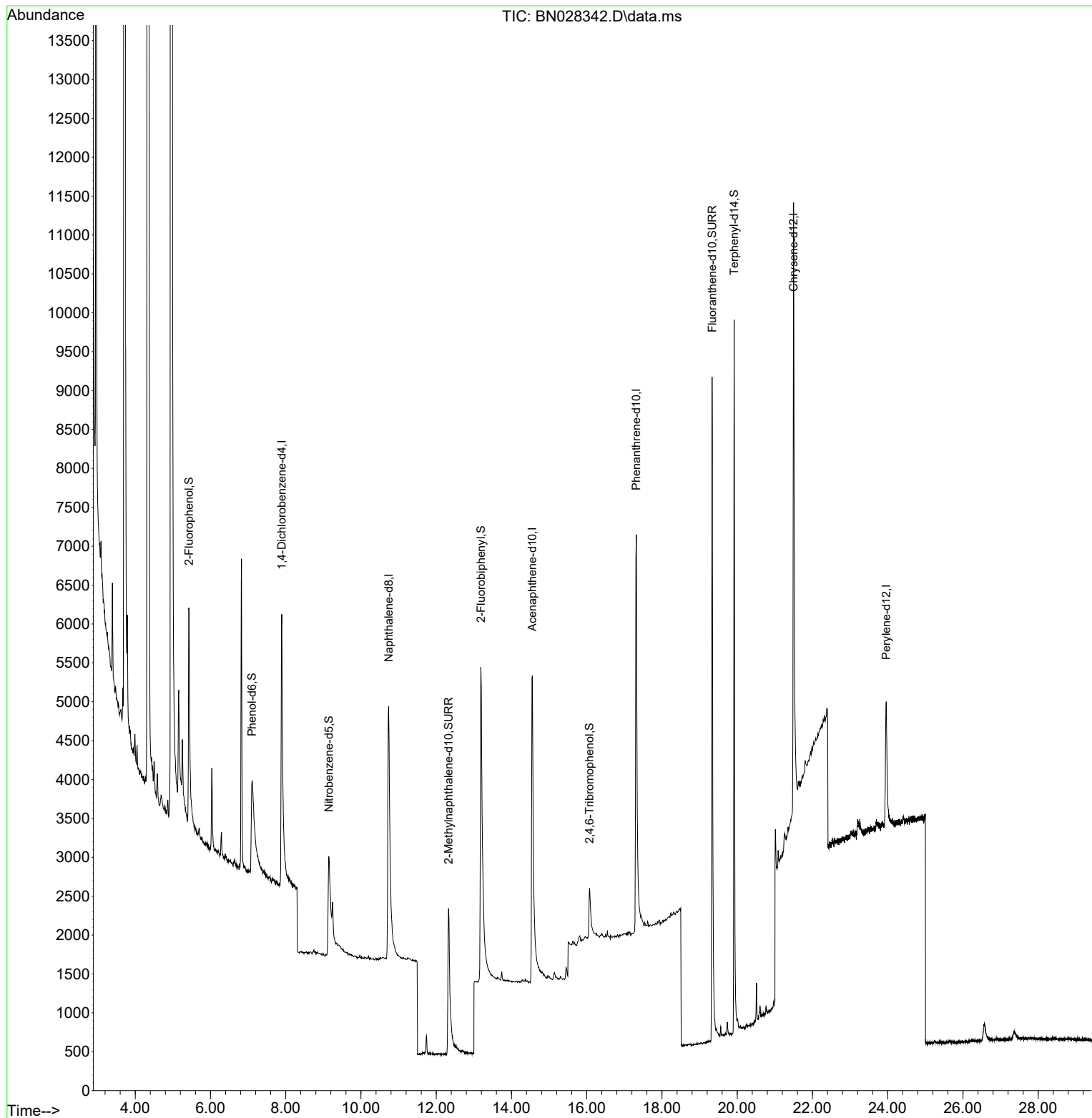
Target Compounds Qvalue

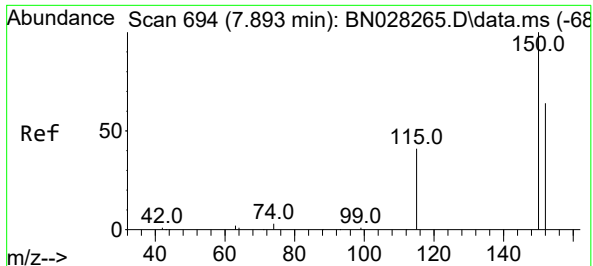
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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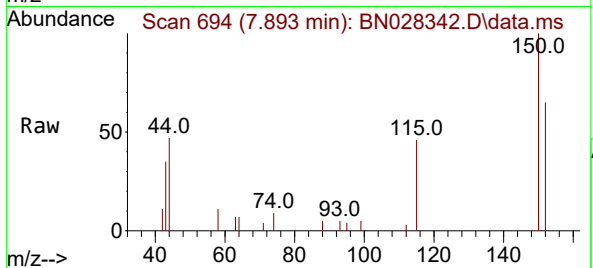
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
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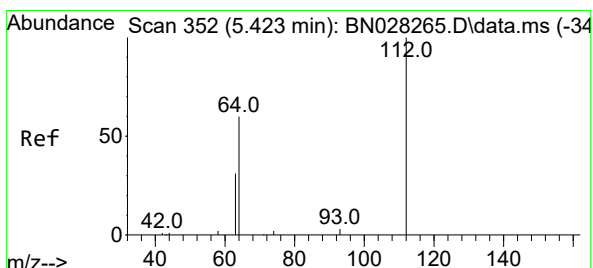
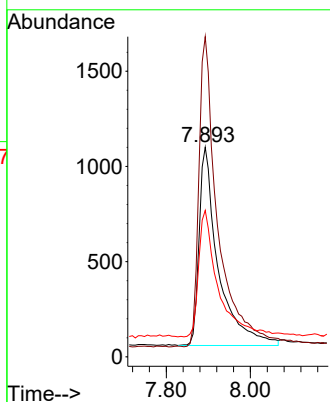
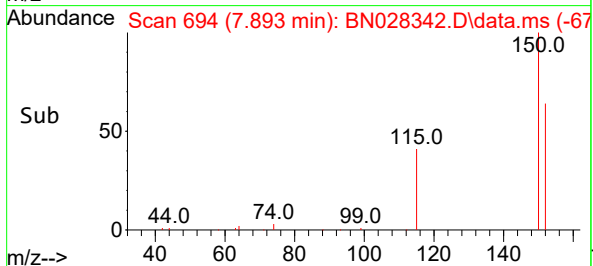


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.893 min Scan# 694
Delta R.T. 0.015 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52

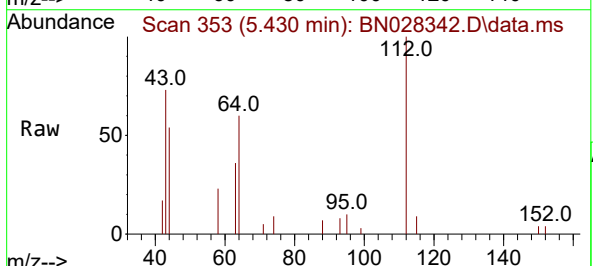
Instrument :
BNA_N
ClientSampleId :
PB156530BL



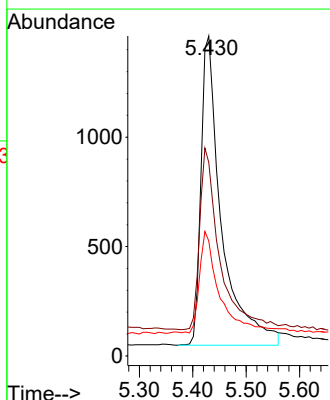
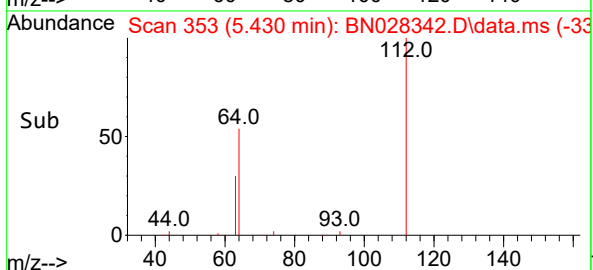
Tgt Ion:152 Resp: 3306
Ion Ratio Lower Upper
152 100
150 152.8 121.6 182.4
115 69.8 54.3 81.5

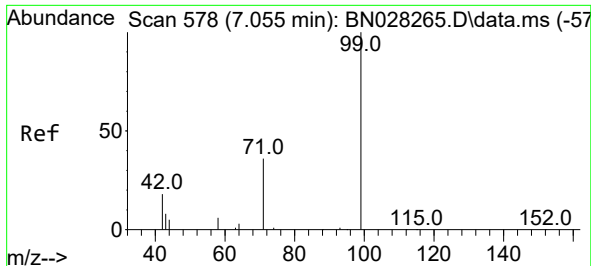


#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.430 min Scan# 353
Delta R.T. -0.000 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52



Tgt Ion:112 Resp: 3786
Ion Ratio Lower Upper
112 100
64 57.1 46.9 70.3
63 31.7 25.0 37.4

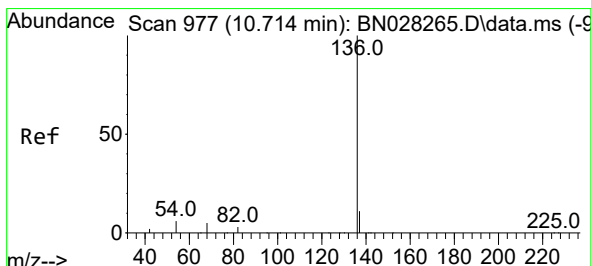
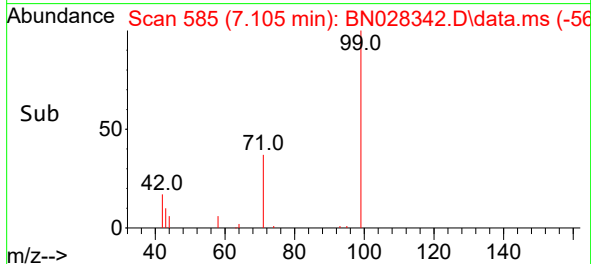
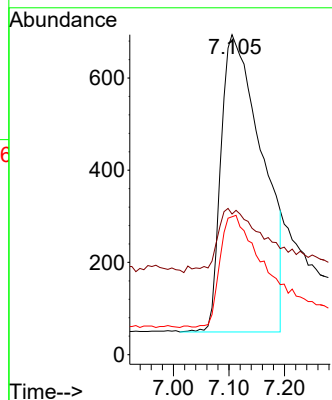
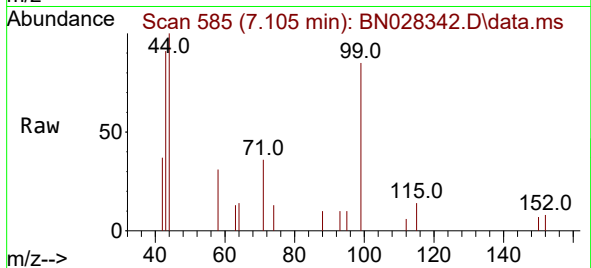




#5
Phenol-d6
Concen: 0.261 ng
RT: 7.105 min Scan# 51
Delta R.T. 0.051 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52

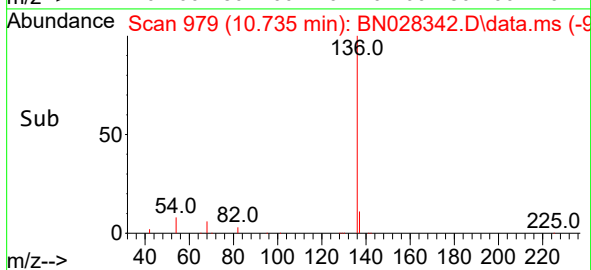
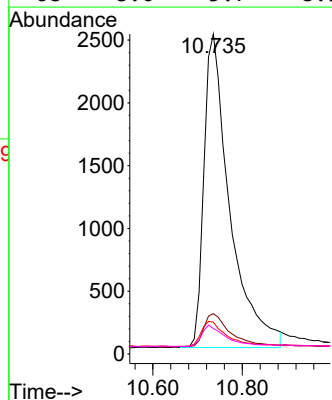
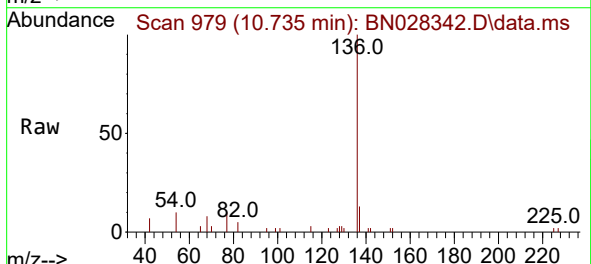
Instrument :
BNA_N
ClientSampleId :
PB156530BL

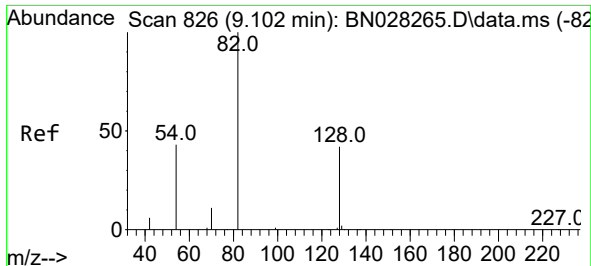
Tgt Ion:	99	Resp:	3305
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	37.4	28.6	42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 979
Delta R.T. 0.032 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52

Tgt Ion:	136	Resp:	10008
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.8	14.8
54	10.0	6.2	9.4
68	8.0	5.7	8.5

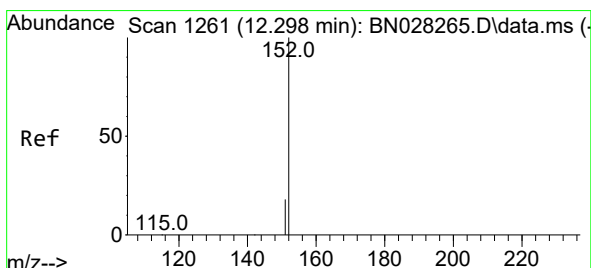
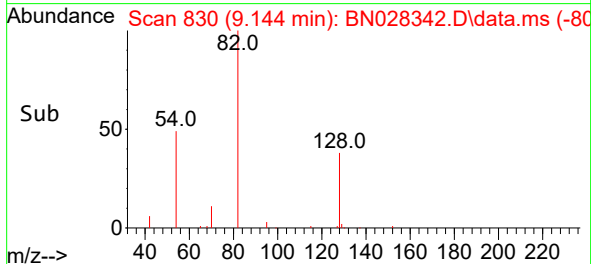
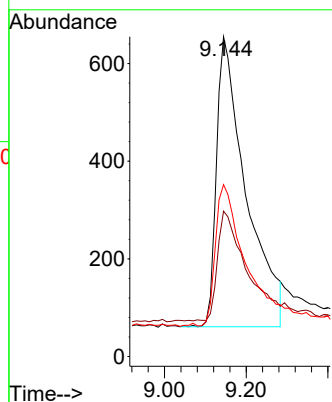
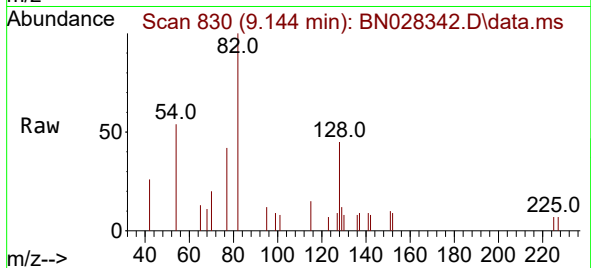




#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.043 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52

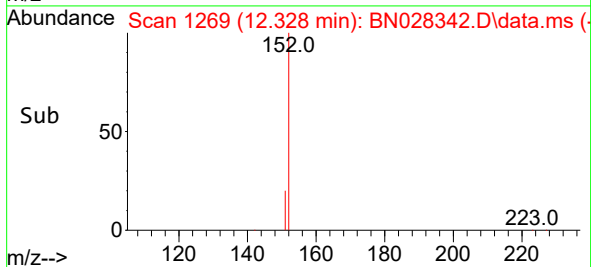
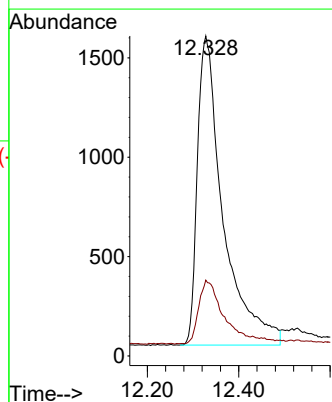
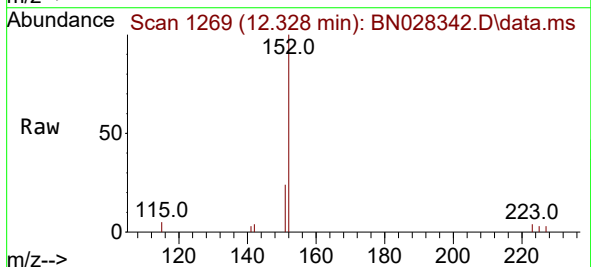
Instrument :
BNA_N
ClientSampleId :
PB156530BL

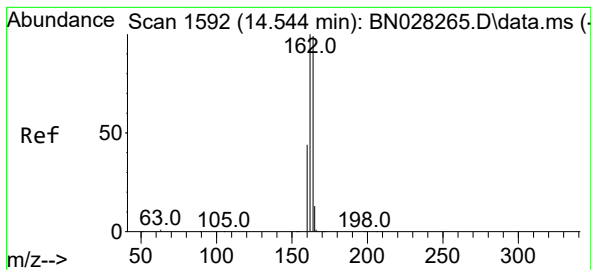
Tgt Ion: 82 Resp: 2974
Ion Ratio Lower Upper
82 100
128 45.5 36.8 55.2
54 53.7 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.328 min Scan# 1269
Delta R.T. 0.034 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52

Tgt Ion: 152 Resp: 6058
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.555 min Scan# 11

Delta R.T. 0.021 min

Lab File: BN028342.D

Acq: 23 Oct 2023 12:52

Instrument :

BNA_N

ClientSampleId :

PB156530BL

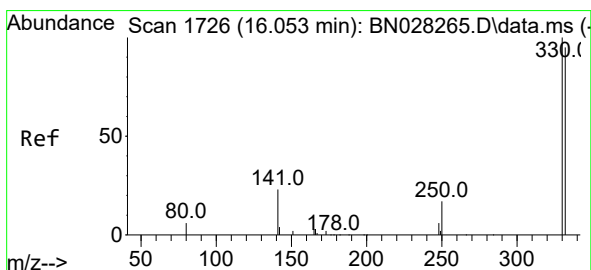
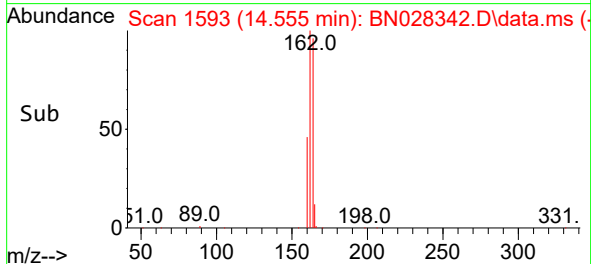
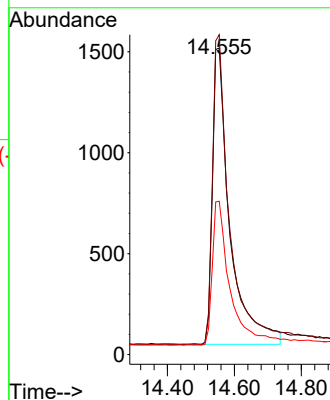
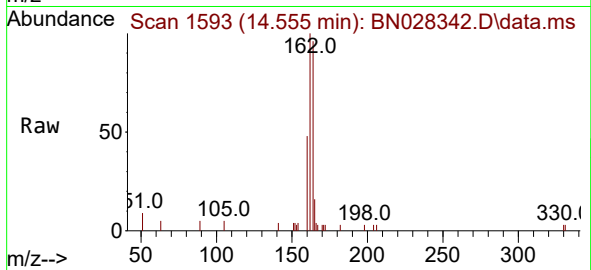
Tgt Ion:164 Resp: 5312

Ion Ratio Lower Upper

164 100

162 104.3 81.1 121.7

160 50.0 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.291 ng

RT: 16.077 min Scan# 1728

Delta R.T. 0.012 min

Lab File: BN028342.D

Acq: 23 Oct 2023 12:52

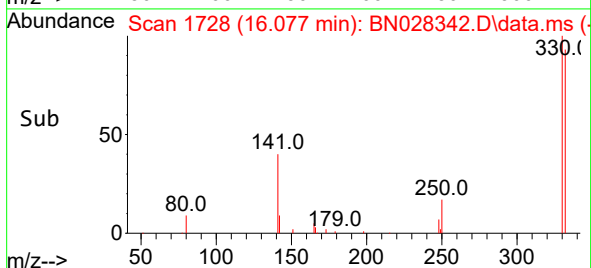
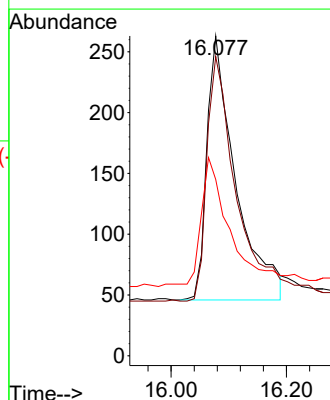
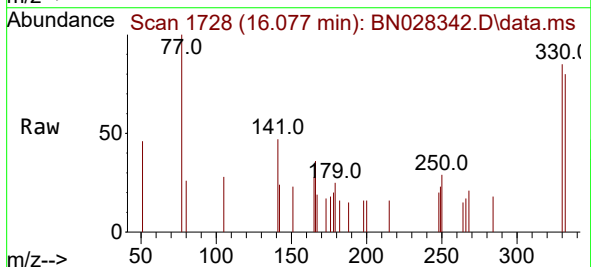
Tgt Ion:330 Resp: 754

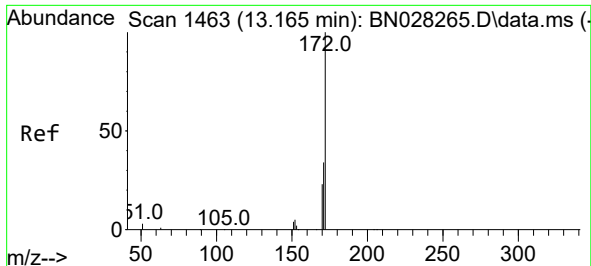
Ion Ratio Lower Upper

330 100

332 94.6 74.1 111.1

141 45.8 32.1 48.1

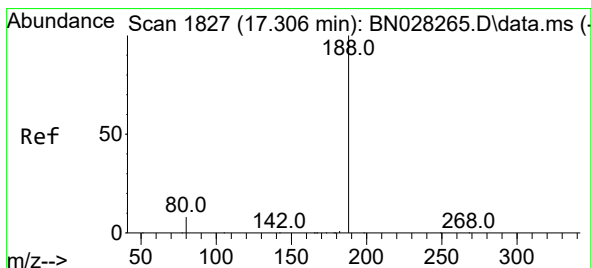
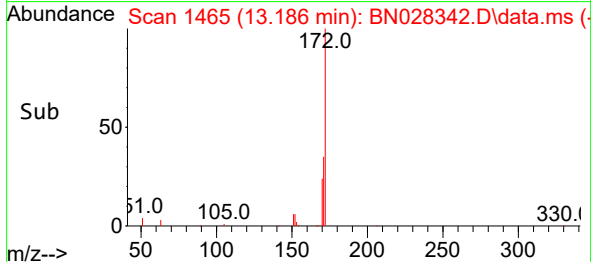
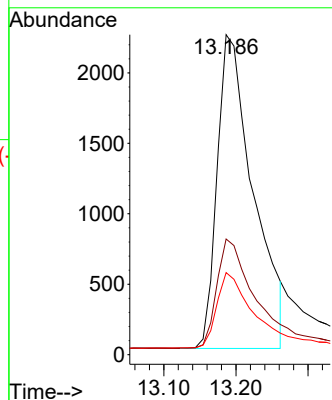
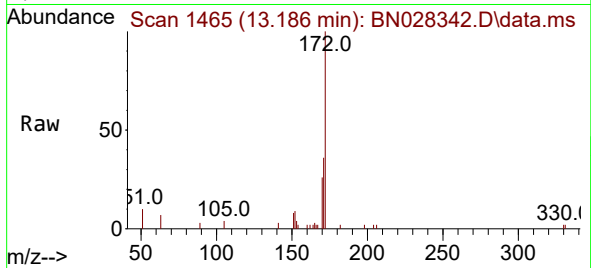




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.186 min Scan# 1465
Delta R.T. 0.021 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52

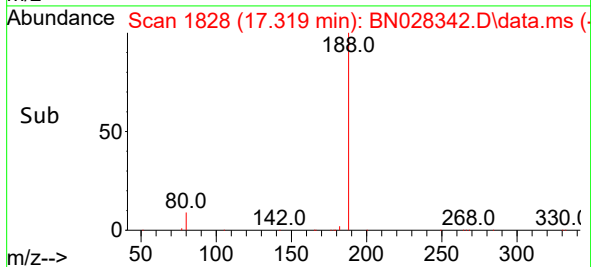
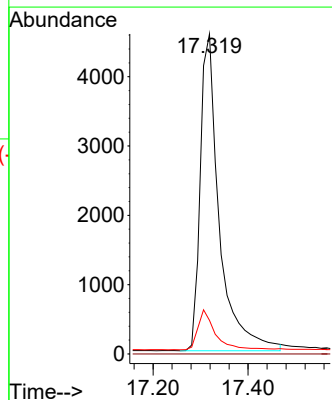
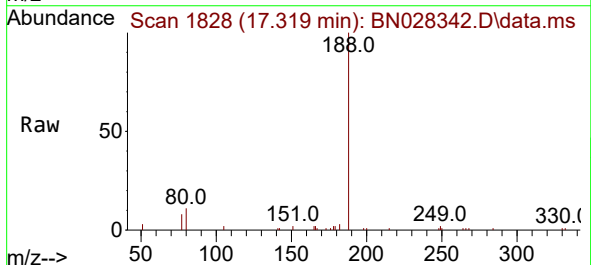
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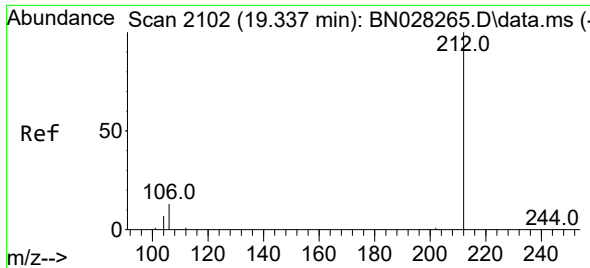
Tgt Ion:172 Resp: 7744
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 25.7 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1828
Delta R.T. 0.025 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52

Tgt Ion:188 Resp: 12745
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 7.1 10.7

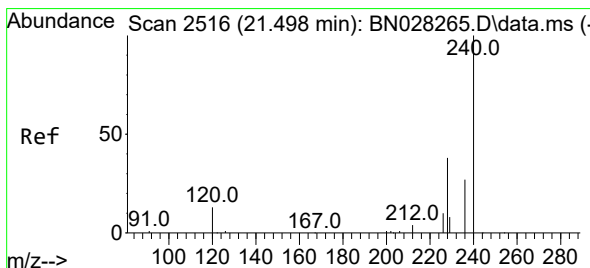
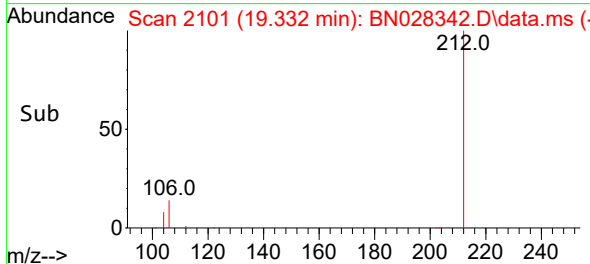
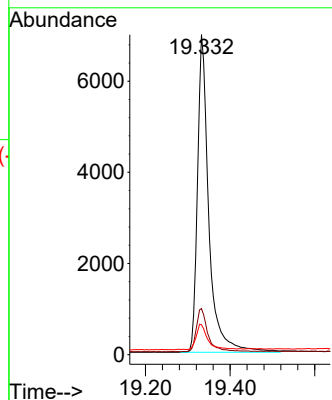
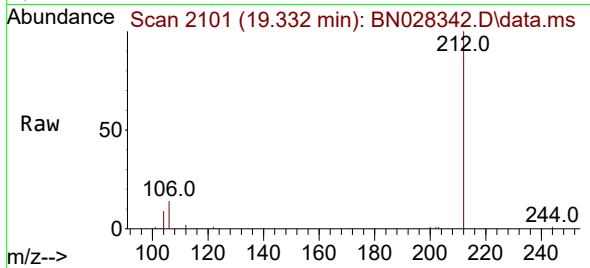




#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.332 min Scan# 2101
Delta R.T. 0.005 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52

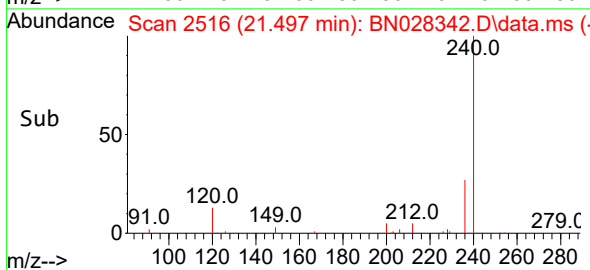
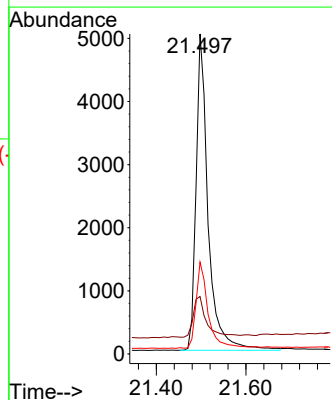
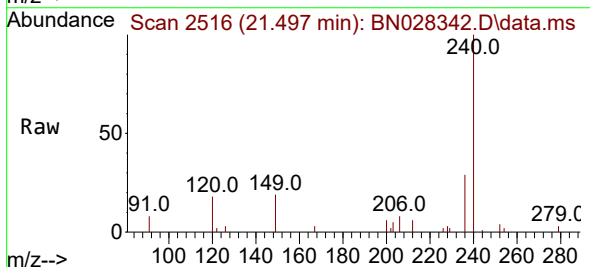
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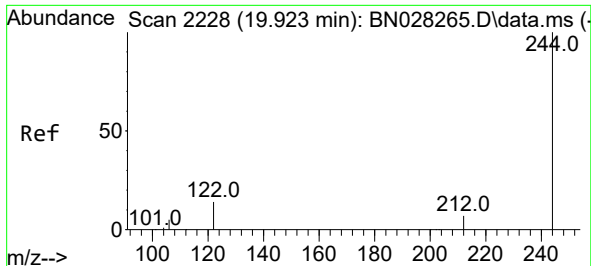
Tgt Ion:212 Resp: 12972
Ion Ratio Lower Upper
212 100
106 13.9 11.5 17.3
104 7.9 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.497 min Scan# 2516
Delta R.T. 0.009 min
Lab File: BN028342.D
Acq: 23 Oct 2023 12:52

Tgt Ion:240 Resp: 9348
Ion Ratio Lower Upper
240 100
120 17.9 13.4 20.0
236 28.7 22.7 34.1

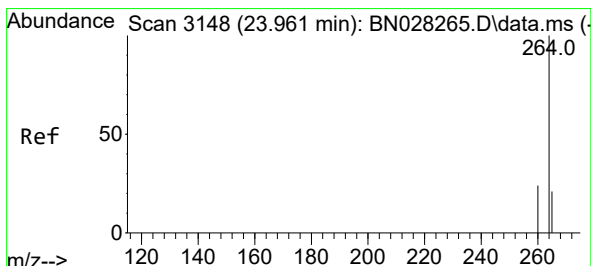
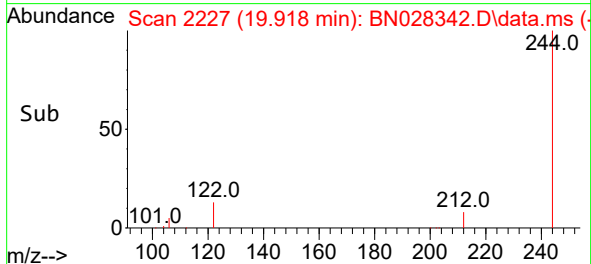
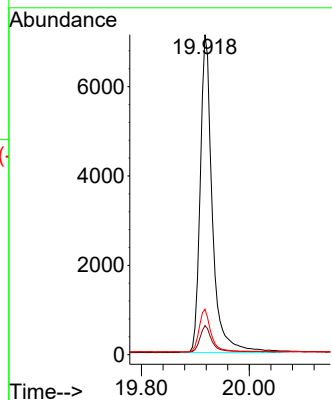
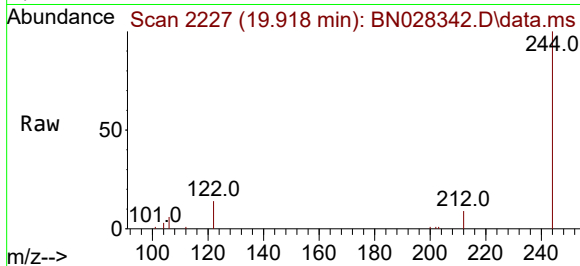




#31
 Terphenyl-d14
 Concen: 0.560 ng
 RT: 19.918 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN028342.D
 Acq: 23 Oct 2023 12:52

Instrument :
 BNA_N
 ClientSampleId :
 PB156530BL

Tgt Ion:244 Resp: 11113
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.6 10.0
 122 14.2 11.7 17.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.958 min Scan# 3147
 Delta R.T. 0.020 min
 Lab File: BN028342.D
 Acq: 23 Oct 2023 12:52

Tgt Ion:264 Resp: 3229
 Ion Ratio Lower Upper
 264 100
 260 30.6 20.7 31.1
 265 192.5 38.3 57.5#

