

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028159.D
 Acq On : 09 Oct 2023 13:58
 Operator : MA/JU
 Sample : PB155953BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155953BL

Quant Time: Oct 09 15:28:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 12:40:55 2023
 Response via : Initial Calibration

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

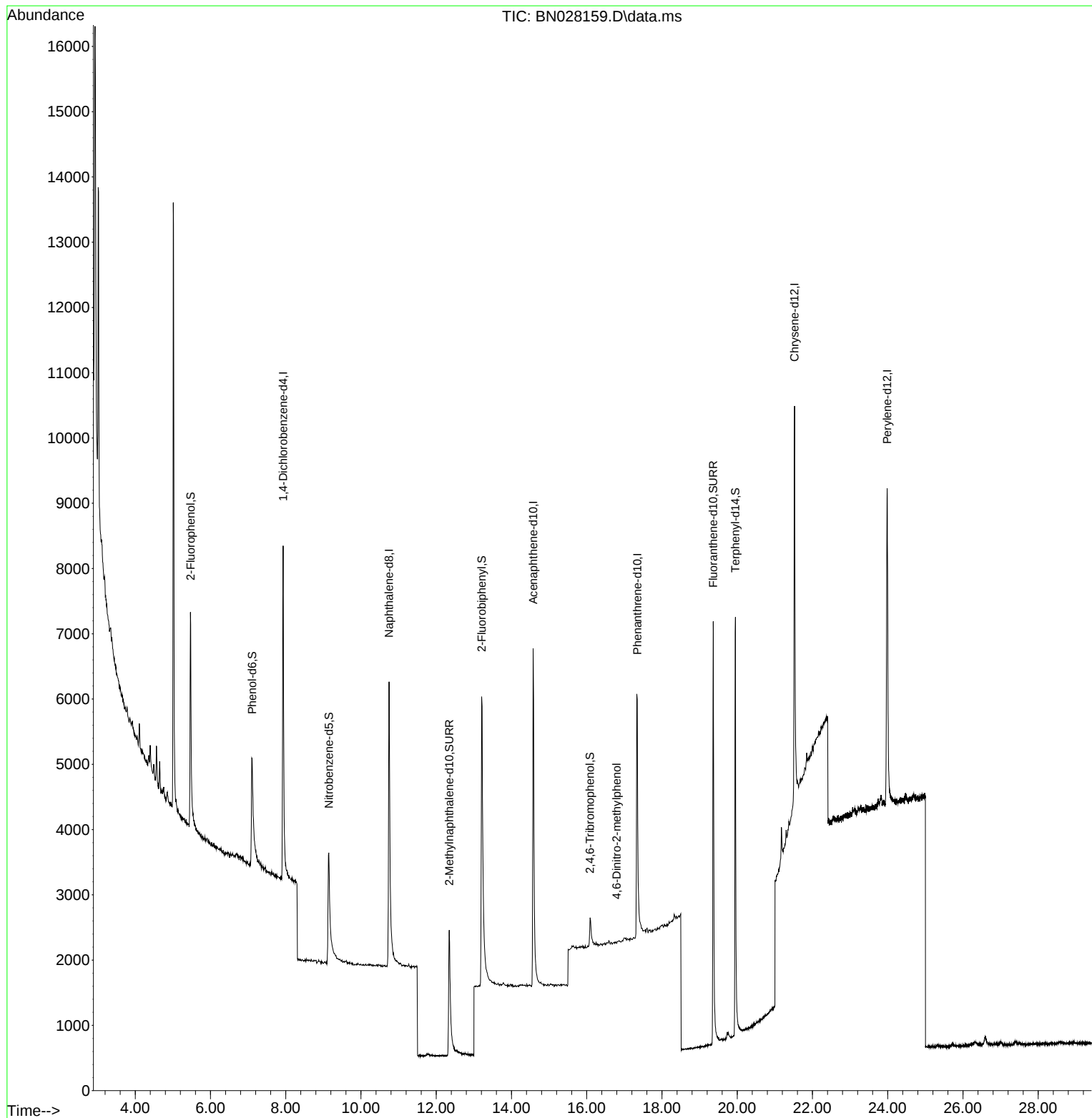
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3310	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	9184	0.400	ng	0.01
13) Acenaphthene-d10	14.576	164	4456	0.400	ng	0.01
19) Phenanthrene-d10	17.344	188	8437	0.400	ng	0.01
29) Chrysene-d12	21.524	240	7606	0.400	ng	0.00
35) Perylene-d12	23.984	264	8158	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.473	112	3690	0.374	ng	0.00
5) Phenol-d6	7.106	99	3542	0.284	ng	0.02
8) Nitrobenzene-d5	9.145	82	3169	0.405	ng	0.02
11) 2-Methylnaphthalene-d10	12.347	152	5629	0.414	ng	0.02
14) 2,4,6-Tribromophenol	16.090	330	420	0.206	ng	0.01
15) 2-Fluorobiphenyl	13.208	172	7328	0.456	ng	0.01
27) Fluoranthene-d10	19.365	212	9676	0.457	ng	0.00
31) Terphenyl-d14	19.950	244	8577	0.483	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.797	198	6	0.054	ng	Qvalue # 49

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

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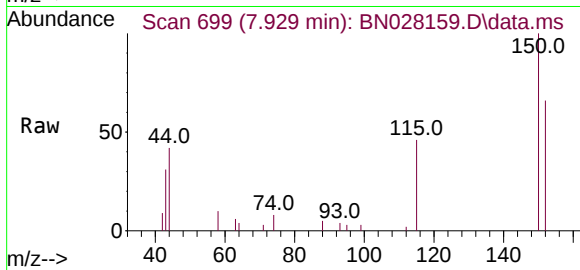
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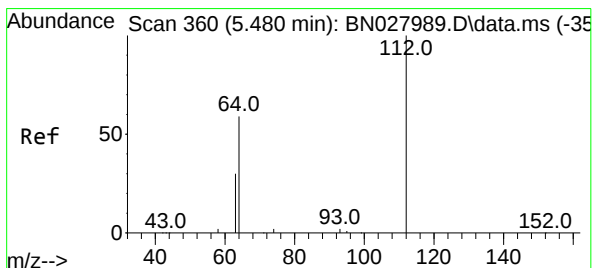
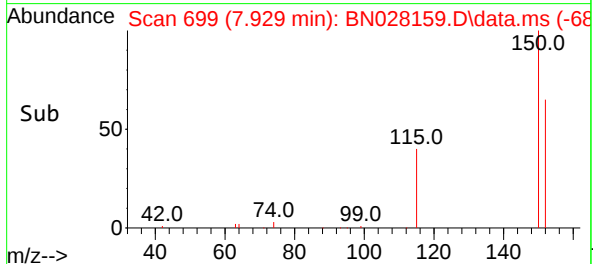
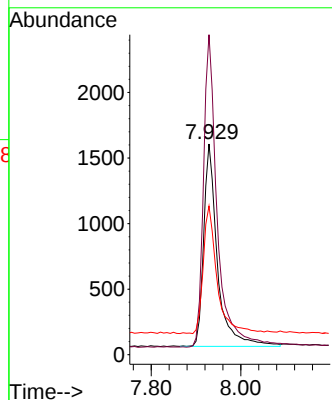


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.929 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN028159.D
 Acq: 09 Oct 2023 13:58

Instrument :
 BNA_N
 ClientSampleId :
 PB155953BL

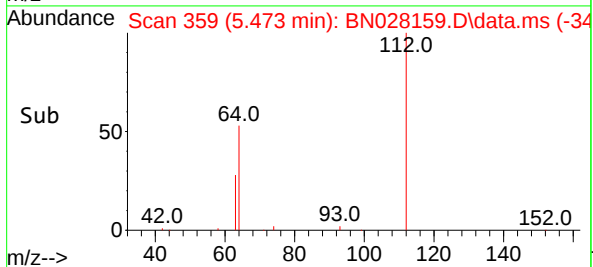
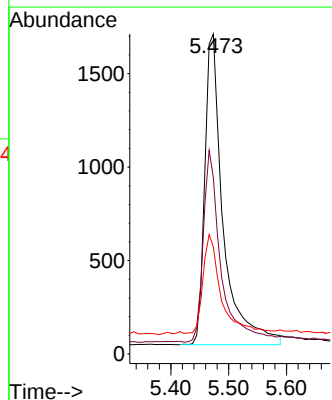
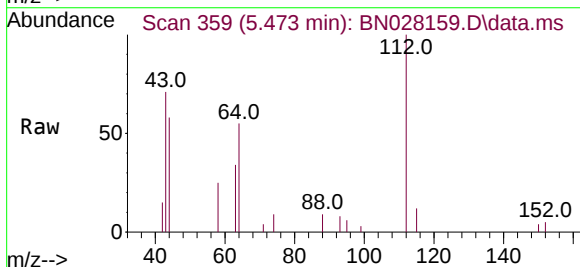


Tgt Ion:152 Resp: 3310
 Ion Ratio Lower Upper
 152 100
 150 151.8 125.6 188.4
 115 70.5 54.8 82.2



#4
 2-Fluorophenol
 Concen: 0.374 ng
 RT: 5.473 min Scan# 359
 Delta R.T. 0.007 min
 Lab File: BN028159.D
 Acq: 09 Oct 2023 13:58

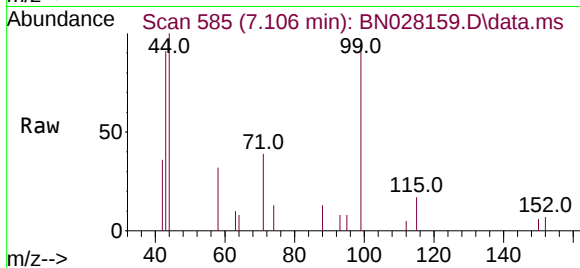
Tgt Ion:112 Resp: 3690
 Ion Ratio Lower Upper
 112 100
 64 59.2 45.0 67.6
 63 30.9 23.4 35.0



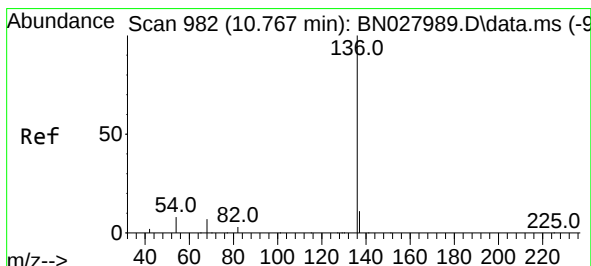
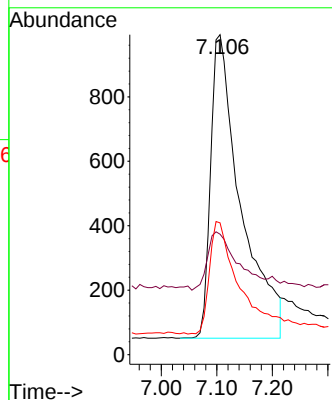
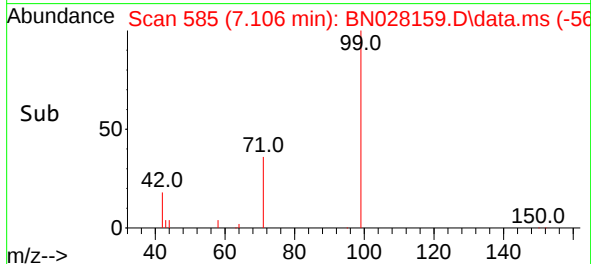


#5
Phenol-d6
Concen: 0.284 ng
RT: 7.106 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

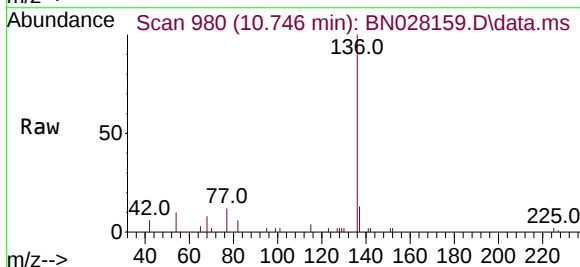
Instrument :
BNA_N
ClientSampleId :
PB155953BL



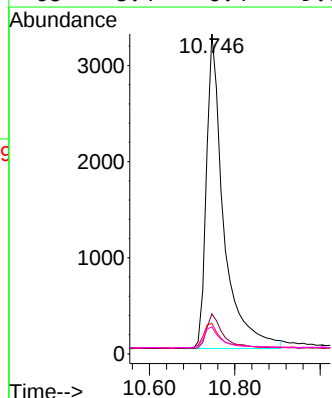
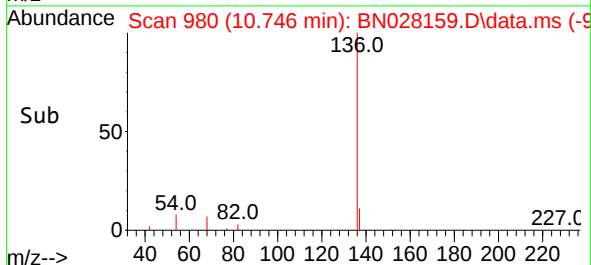
Tgt Ion:	99	Resp:	3542
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.6	22.0
71	36.7	28.3	42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58



Tgt Ion:	136	Resp:	9184
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.0
54	9.5	7.0	10.6
68	8.4	6.4	9.6

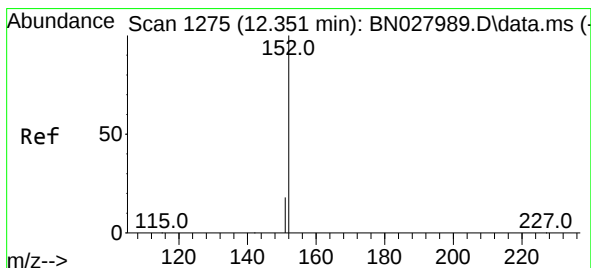
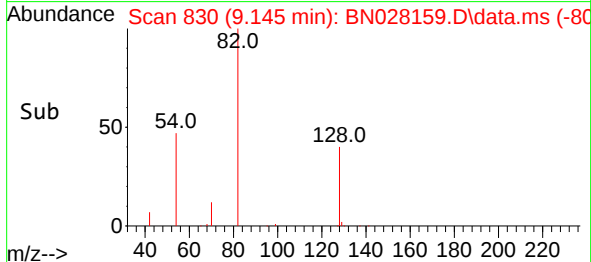
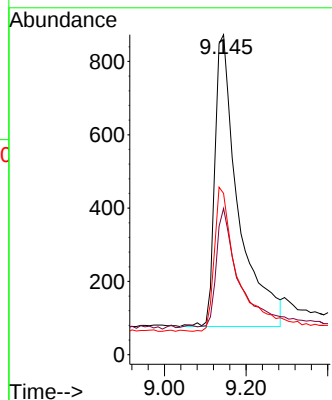
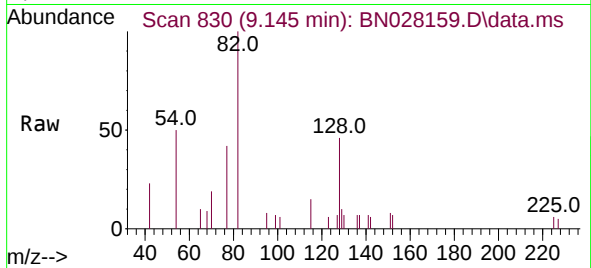




#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 9.145 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

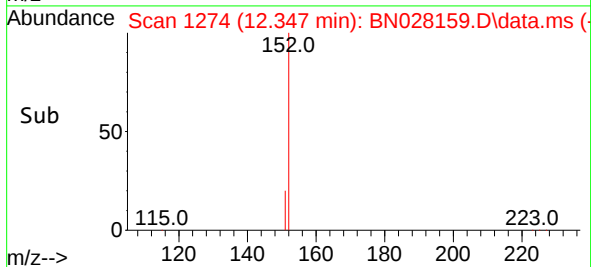
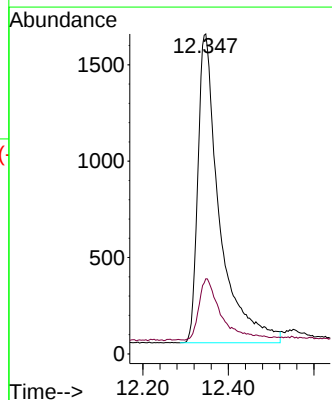
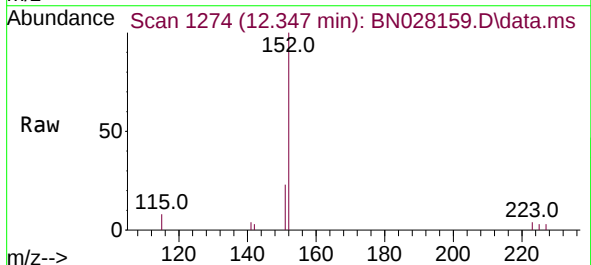
Instrument :
BNA_N
ClientSampleId :
PB155953BL

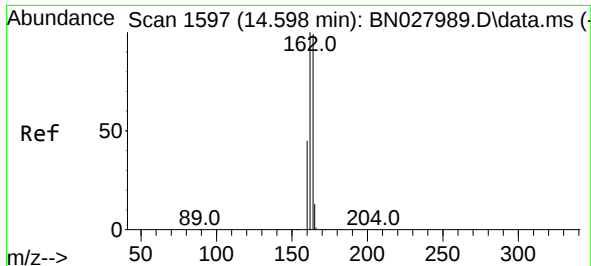
Tgt Ion: 82 Resp: 3169
Ion Ratio Lower Upper
82 100
128 45.7 32.7 49.1
54 50.4 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.347 min Scan# 1274
Delta R.T. 0.023 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

Tgt Ion: 152 Resp: 5629
Ion Ratio Lower Upper
152 100
151 19.7 16.5 24.7

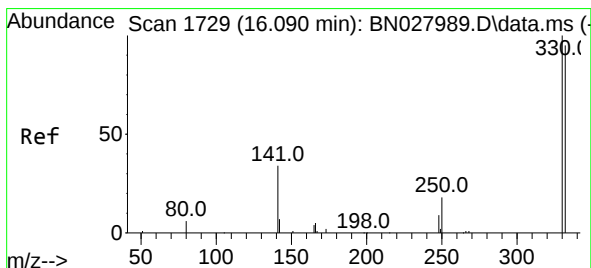
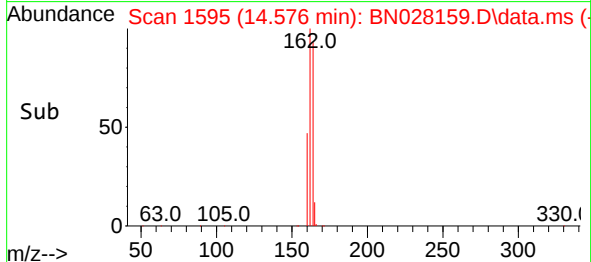
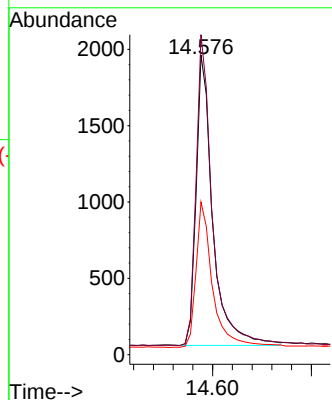
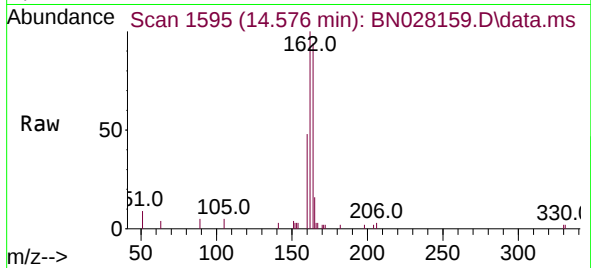




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 1595
Delta R.T. 0.011 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

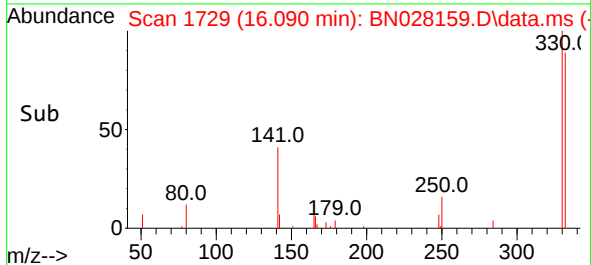
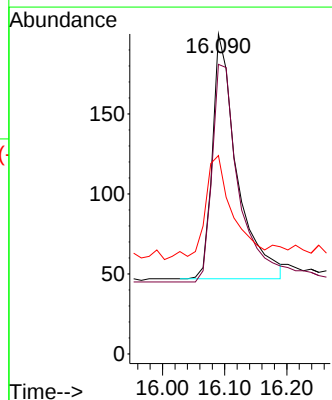
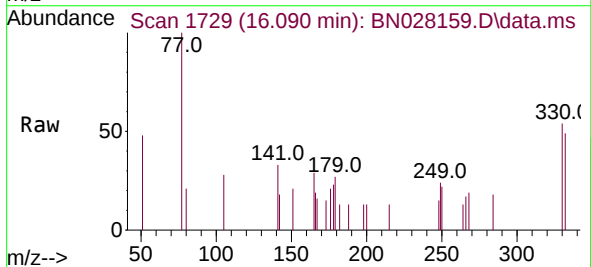
Instrument :
BNA_N
ClientSampleId :
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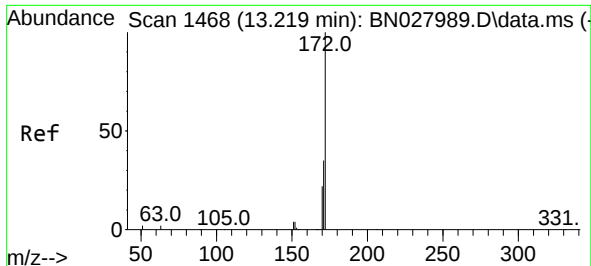
Tgt Ion:164 Resp: 4456
Ion Ratio Lower Upper
164 100
162 106.8 80.8 121.2
160 50.9 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 16.090 min Scan# 1729
Delta R.T. 0.013 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

Tgt Ion:330 Resp: 420
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 43.8 33.4 50.2

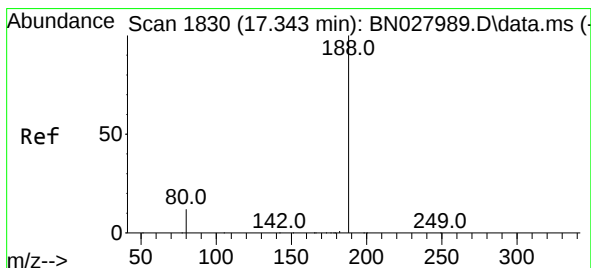
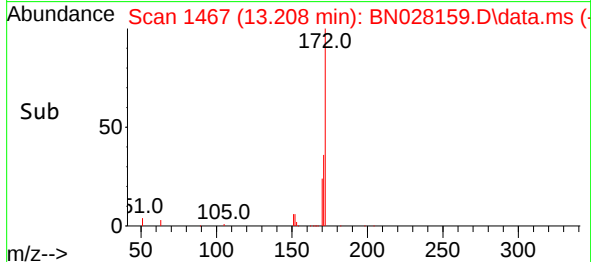
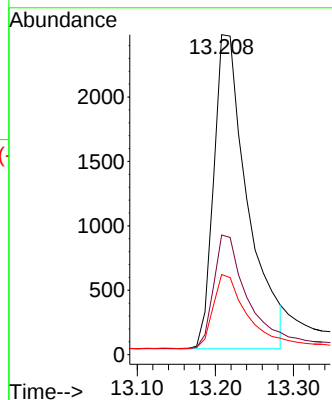
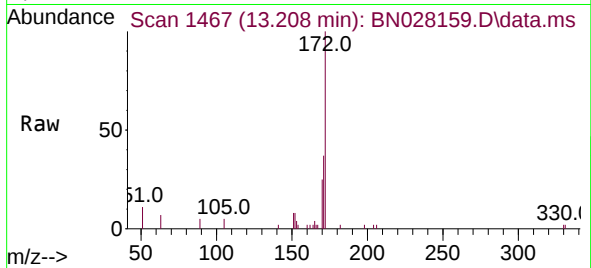




#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 13.208 min Scan# 1467
Delta R.T. 0.011 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

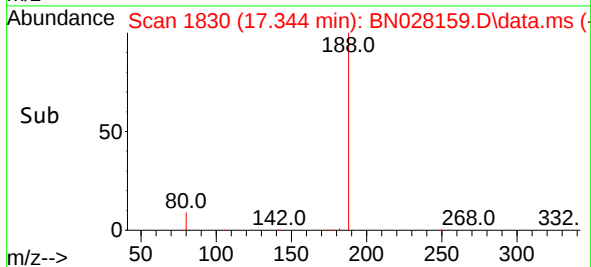
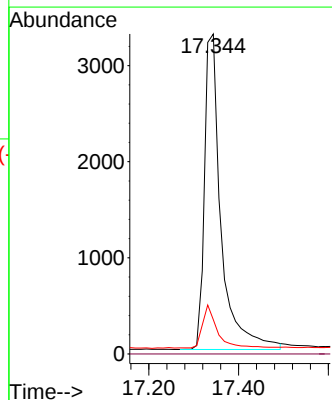
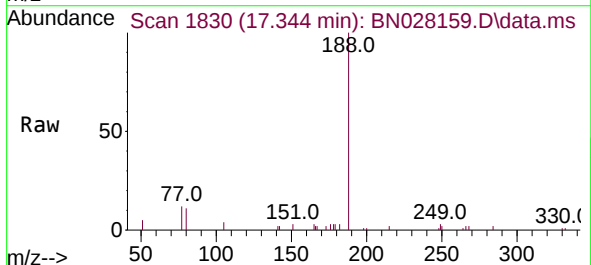
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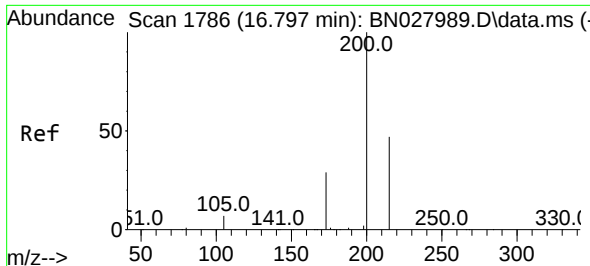
Tgt Ion:	172	Resp:	7328
Ion Ratio	Lower	Upper	
172	100		
171	37.4	28.1	42.1
170	25.0	18.4	27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.344 min Scan# 1830
Delta R.T. 0.013 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

Tgt Ion:	188	Resp:	8437
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.7	10.2	15.4

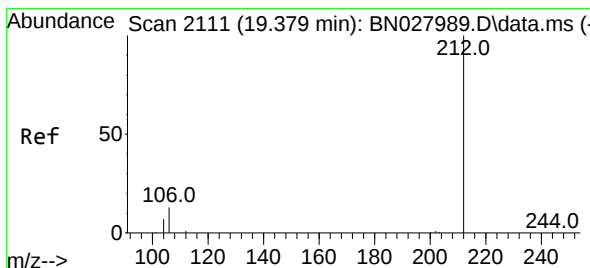
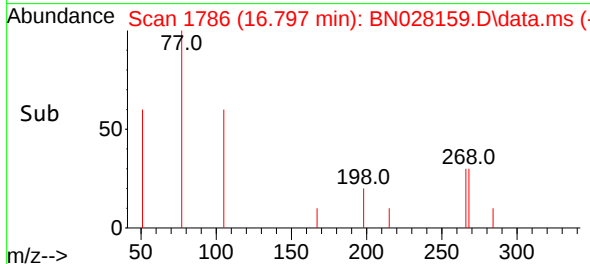
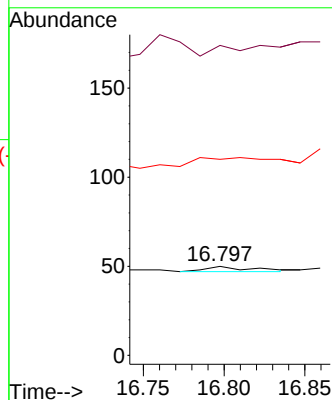
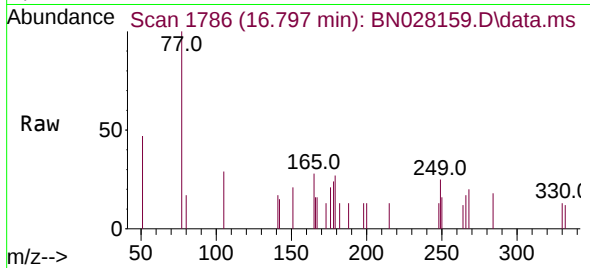




#20
4,6-Dinitro-2-methylphenol
Concen: 0.054 ng
RT: 16.797 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

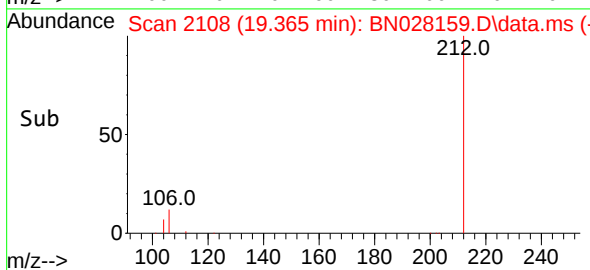
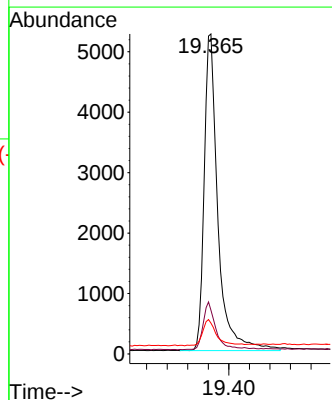
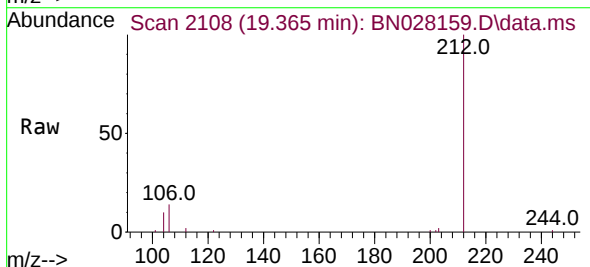
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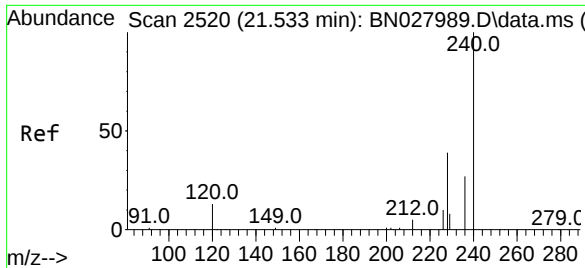
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 348.0 180.7 271.1#
105 220.0 222.2 333.2#



#27
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.365 min Scan# 2108
Delta R.T. 0.009 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

Tgt Ion:212 Resp: 9676
Ion Ratio Lower Upper
212 100
106 13.9 11.3 16.9
104 8.4 6.4 9.6

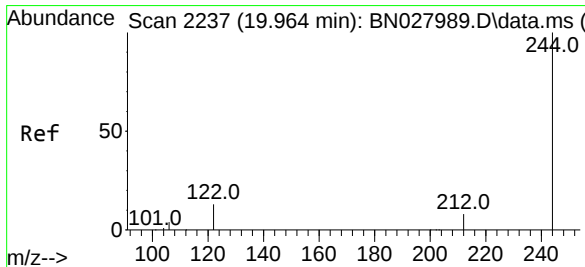
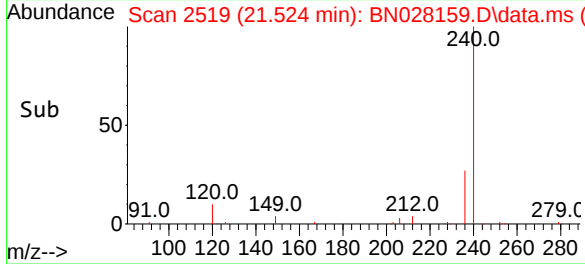
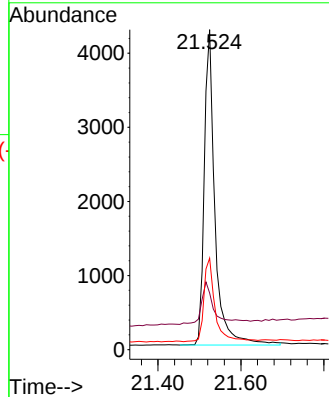
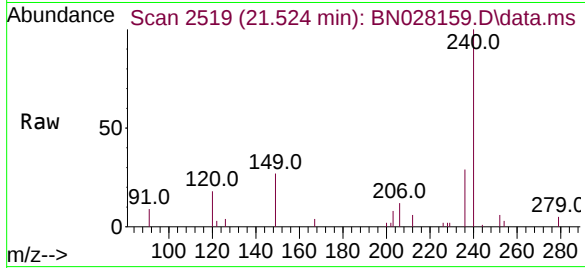




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

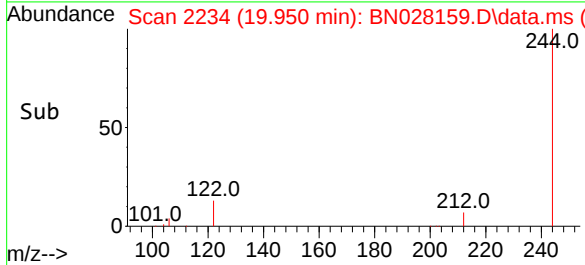
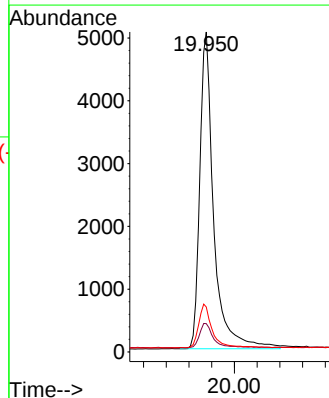
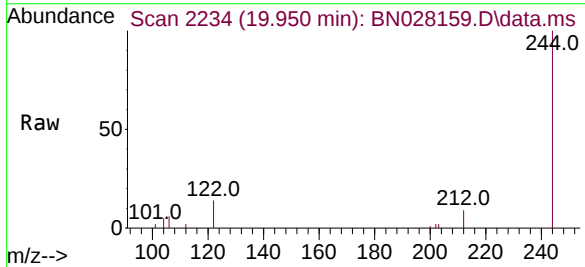
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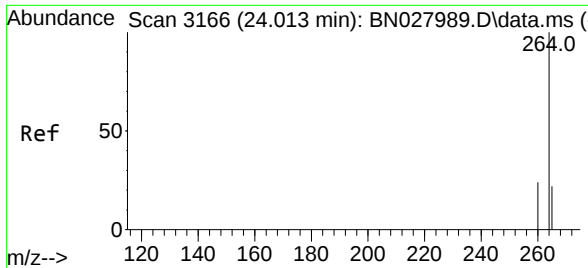
Tgt Ion:240 Resp: 7606
Ion Ratio Lower Upper
240 100
120 17.7 13.8 20.6
236 28.6 22.6 33.8



#31
Terphenyl-d14
Concen: 0.483 ng
RT: 19.950 min Scan# 2234
Delta R.T. 0.005 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

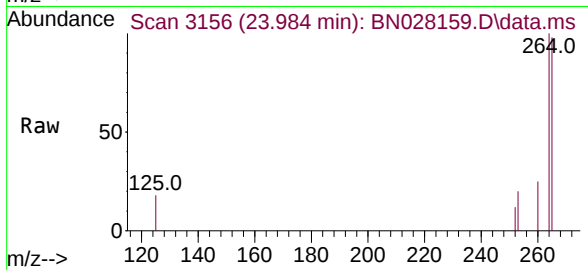
Tgt Ion:244 Resp: 8577
Ion Ratio Lower Upper
244 100
212 8.9 6.6 9.8
122 14.1 11.4 17.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.984 min Scan# 31
Delta R.T. 0.006 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

Instrument :
BNA_N
ClientSampleId :
PB155953BL



Tgt Ion:264 Resp: 8158
Ion Ratio Lower Upper
264 100
260 25.1 20.2 30.4
265 97.9 54.8 82.2#

