

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101322\
 Data File : BN022069.D
 Acq On : 12 Oct 2022 18:29
 Operator : CG/JU
 Sample : PB148293BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148293BL

Quant Time: Oct 13 07:22:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 01:51:34 2022
 Response via : Initial Calibration

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

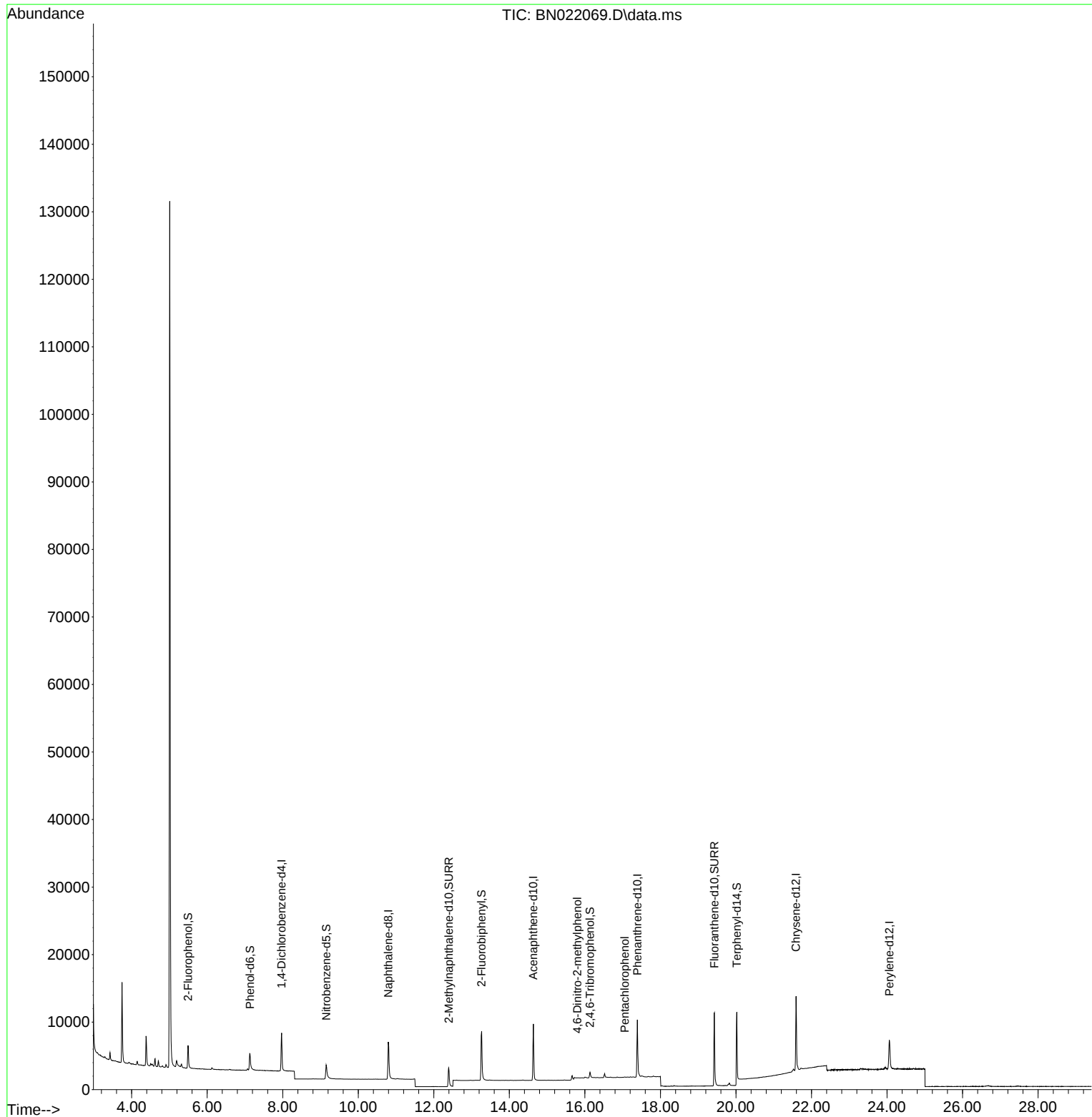
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	3205	0.400	ng	0.00
7) Naphthalene-d8	10.794	136	9120	0.400	ng	# 0.00
13) Acenaphthene-d10	14.635	164	4966	0.400	ng	0.00
19) Phenanthrene-d10	17.391	188	12195	0.400	ng	# 0.00
29) Chrysene-d12	21.590	240	10562	0.400	ng	# 0.00
35) Perylene-d12	24.063	264	7114	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.494	112	3091	0.416	ng	0.00
5) Phenol-d6	7.133	99	3573	0.371	ng	0.00
8) Nitrobenzene-d5	9.150	82	2688	0.367	ng	0.01
11) 2-Methylnaphthalene-d10	12.394	152	5593	0.334	ng	0.00
14) 2,4,6-Tribromophenol	16.137	330	567	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.267	172	7978	0.368	ng	0.00
27) Fluoranthene-d10	19.428	212	12583	0.388	ng	0.00
31) Terphenyl-d14	20.023	244	8171	0.385	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.802	198	5	0.194	ng	# 1
24) Pentachlorophenol	17.056	266	58	0.020	ng	90

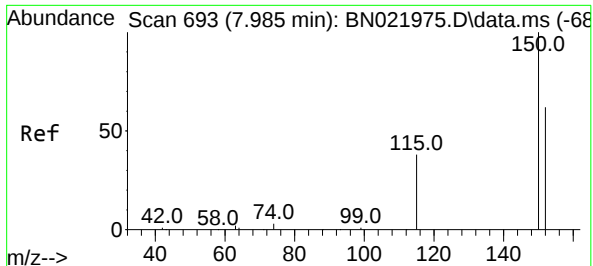
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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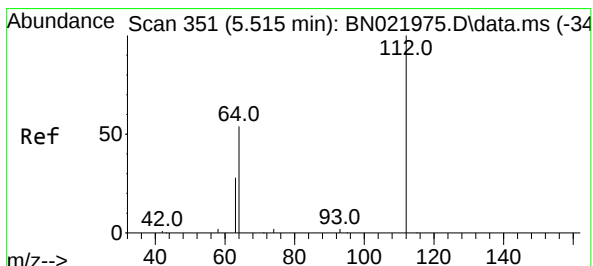
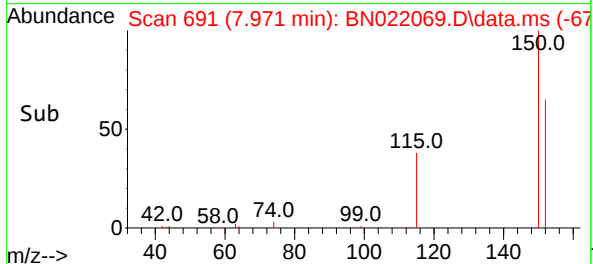
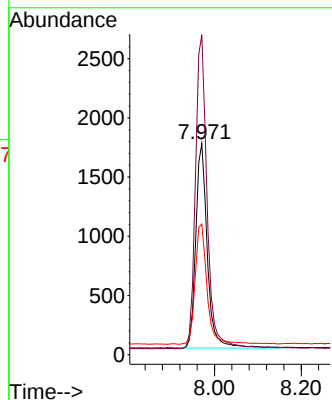
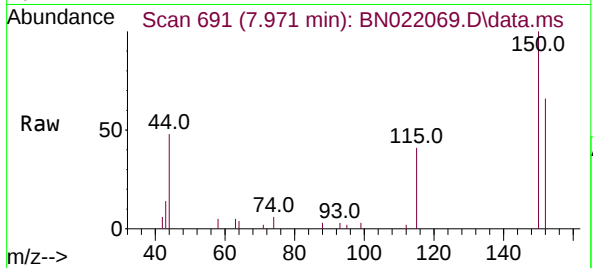




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.971 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

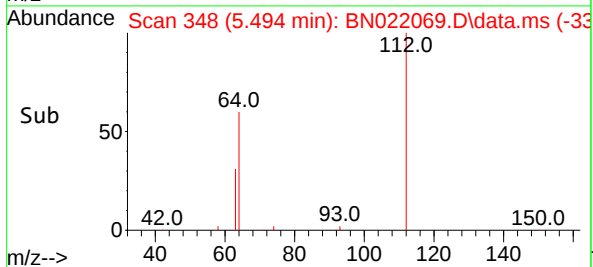
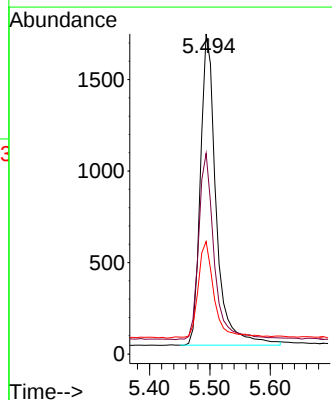
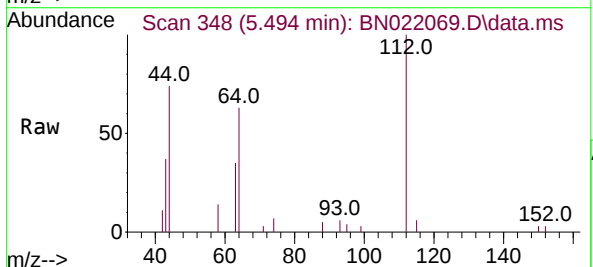
Instrument :
BNA_N
ClientSampleId :
PB148293BL

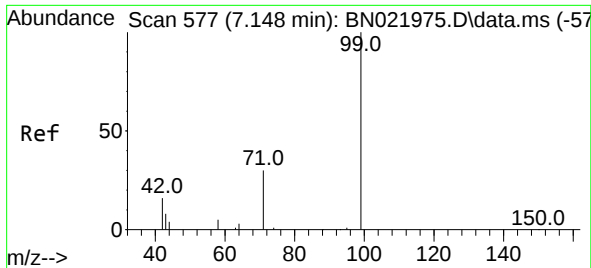
Tgt Ion:152 Resp: 3205
Ion Ratio Lower Upper
152 100
150 151.5 127.2 190.8
115 61.9 51.4 77.0



#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.494 min Scan# 348
Delta R.T. -0.000 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

Tgt Ion:112 Resp: 3091
Ion Ratio Lower Upper
112 100
64 59.2 46.9 70.3
63 32.0 24.6 37.0

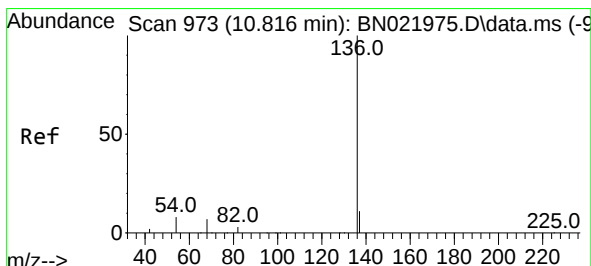
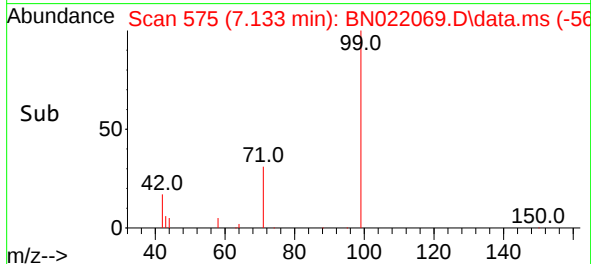
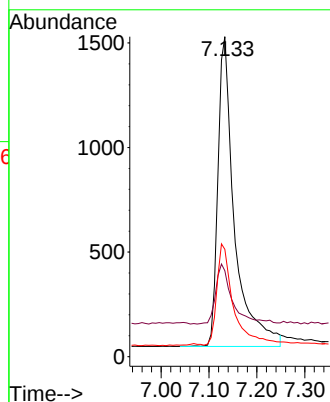
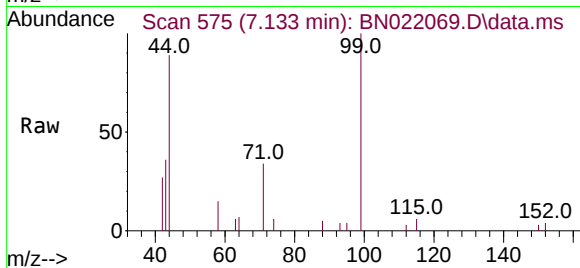




#5
Phenol-d6
Concen: 0.371 ng
RT: 7.133 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

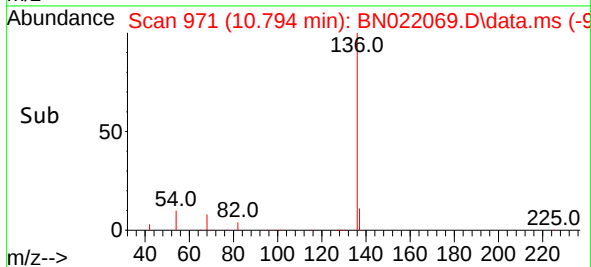
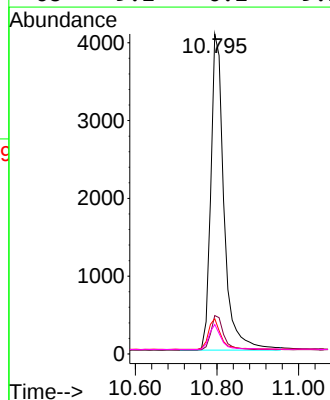
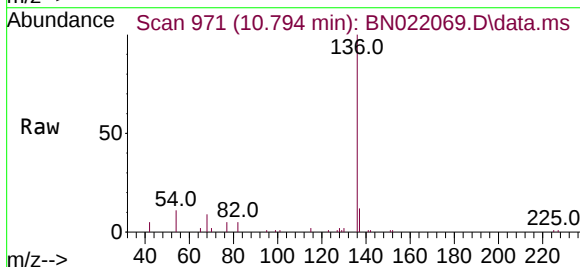
Instrument :
BNA_N
ClientSampleId :
PB148293BL

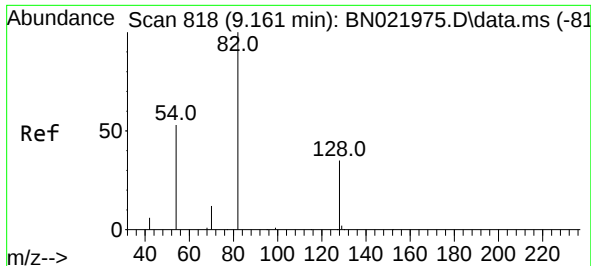
Tgt Ion:	99	Resp:	3573
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.9	23.9
71	32.6	25.6	38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.794 min Scan# 971
Delta R.T. -0.000 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

Tgt Ion:	136	Resp:	9120
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	11.0	7.1	10.7#
68	9.2	6.2	9.2

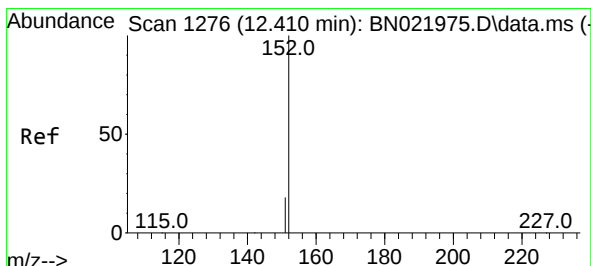
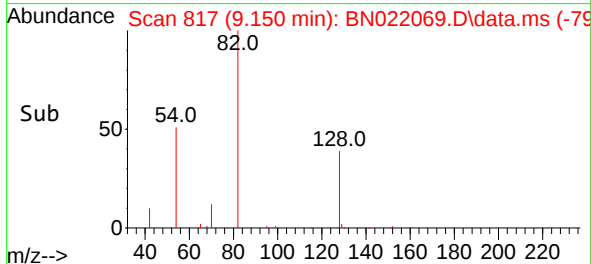
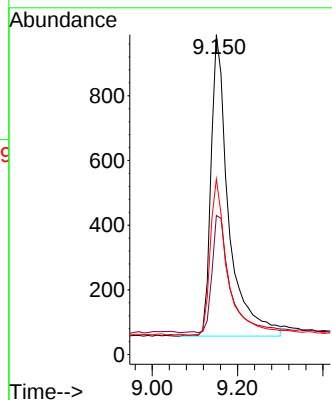
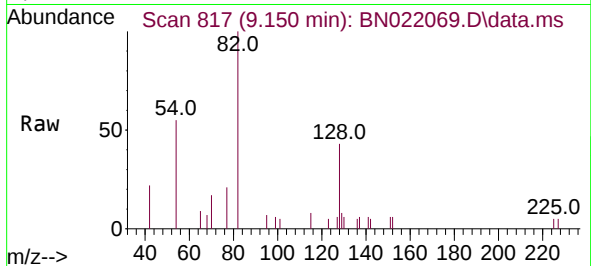




#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.150 min Scan# 81
Delta R.T. 0.010 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

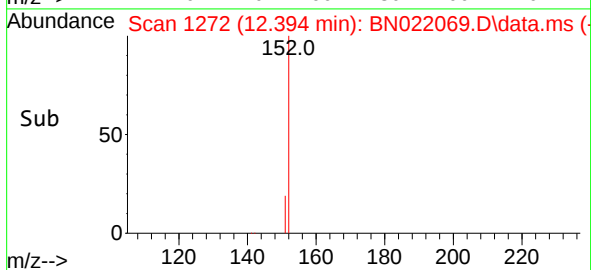
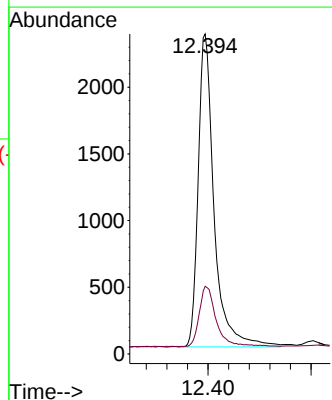
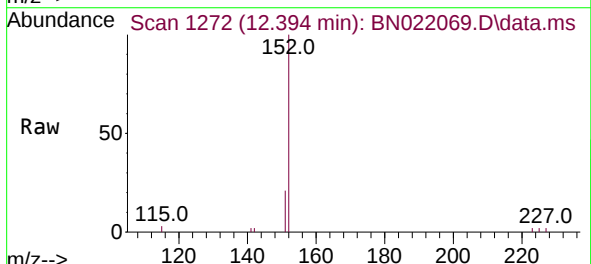
Instrument :
BNA_N
ClientSampleId :
PB148293BL

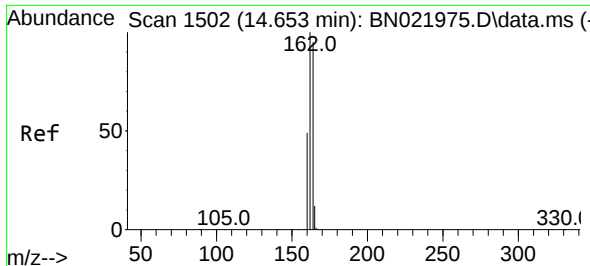
Tgt Ion: 82 Resp: 2688
Ion Ratio Lower Upper
82 100
128 43.5 29.9 44.9
54 54.9 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.394 min Scan# 1272
Delta R.T. 0.004 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

Tgt Ion:152 Resp: 5593
Ion Ratio Lower Upper
152 100
151 18.3 13.8 20.6

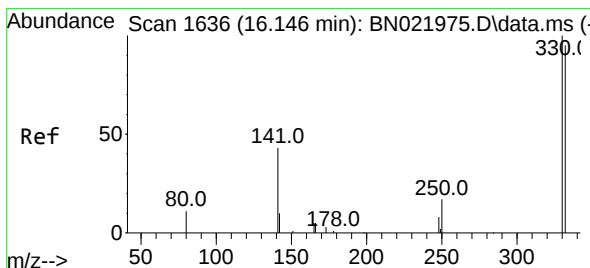
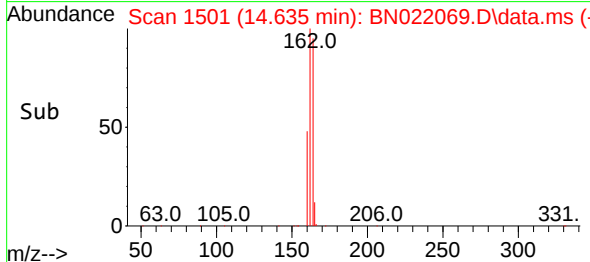
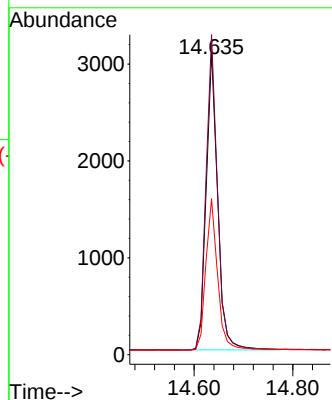
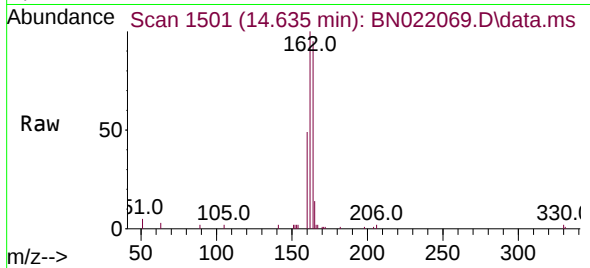




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.635 min Scan# 1502
Delta R.T. 0.004 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

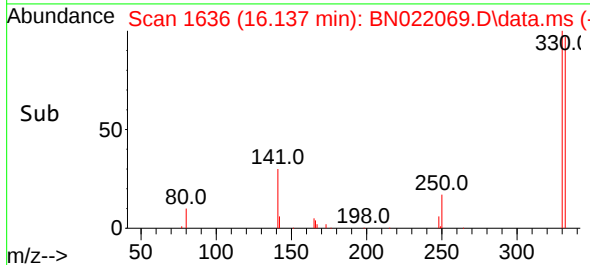
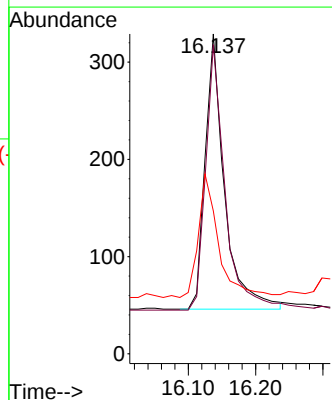
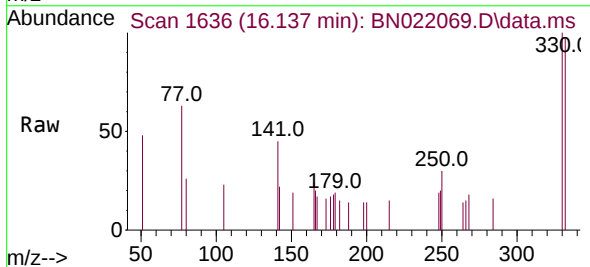
Instrument :
BNA_N
ClientSampleId :
PB148293BL

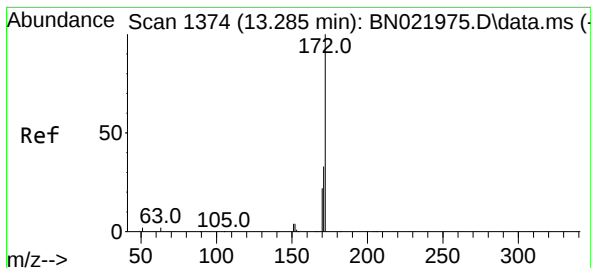
Tgt Ion:164 Resp: 4966
Ion Ratio Lower Upper
164 100
162 105.5 84.3 126.5
160 51.5 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 16.137 min Scan# 1636
Delta R.T. 0.004 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

Tgt Ion:330 Resp: 567
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 46.9 35.3 52.9





#15

2-Fluorobiphenyl

Concen: 0.368 ng

RT: 13.267 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN022069.D

Acq: 12 Oct 2022 18:29

Instrument :

BNA_N

ClientSampleId :

PB148293BL

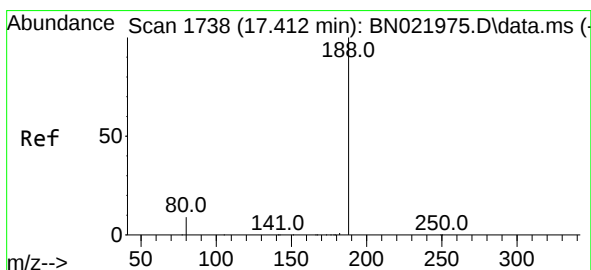
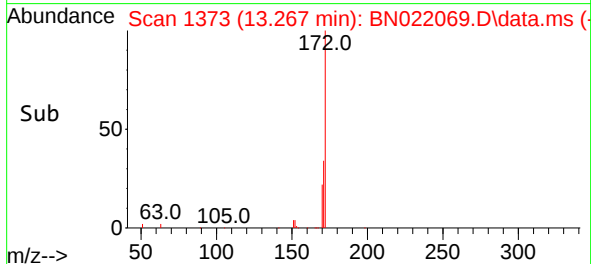
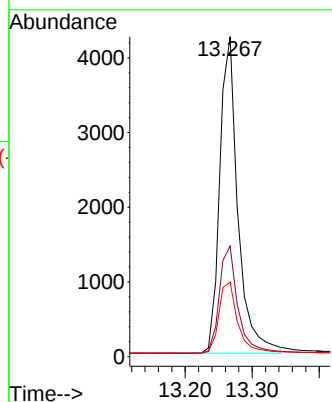
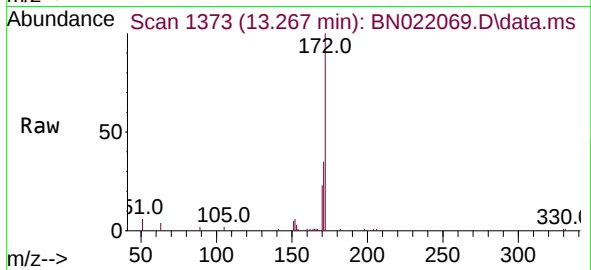
Tgt Ion:172 Resp: 7978

Ion Ratio Lower Upper

172 100

171 34.5 27.2 40.8

170 23.3 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.391 min Scan# 1737

Delta R.T. 0.004 min

Lab File: BN022069.D

Acq: 12 Oct 2022 18:29

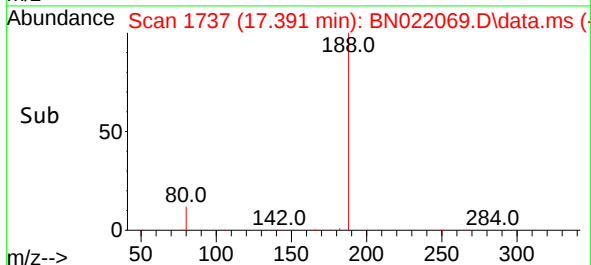
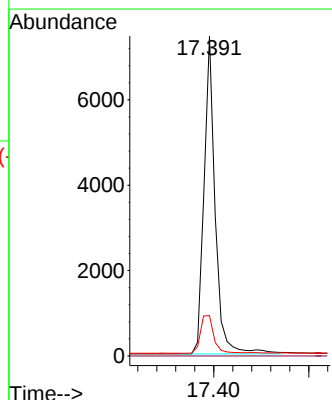
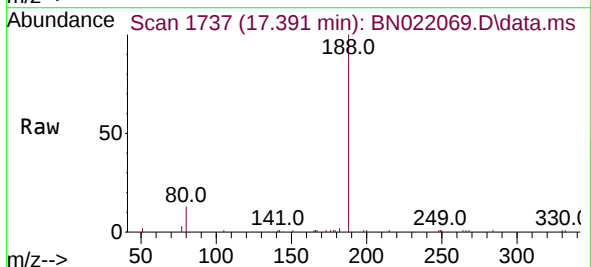
Tgt Ion:188 Resp: 12195

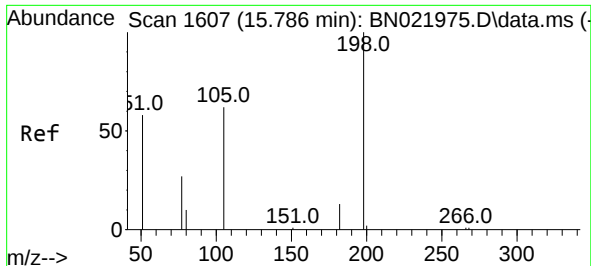
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 7.5 11.3#

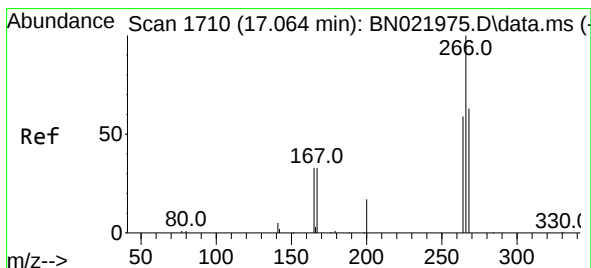
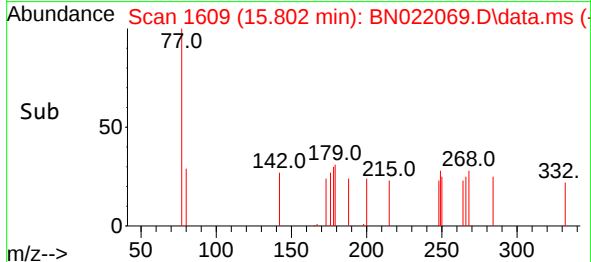
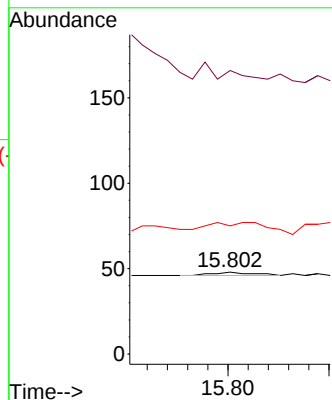
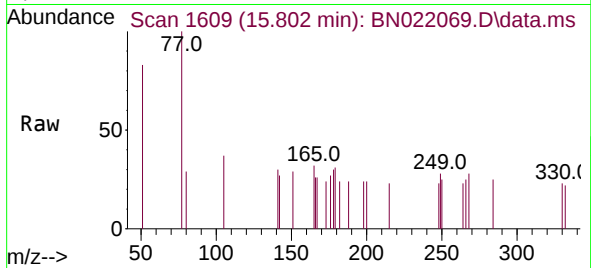




#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.802 min Scan# 1609
Delta R.T. 0.028 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

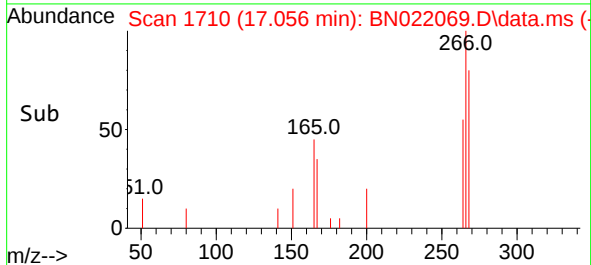
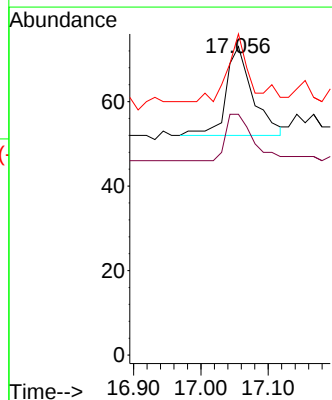
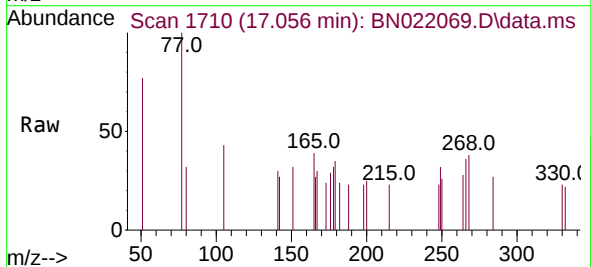
Instrument :
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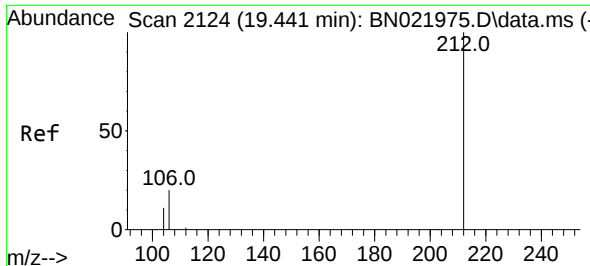
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 345.8 96.6 144.8#
105 156.3 64.4 96.6#



#24
Pentachlorophenol
Concen: 0.020 ng
RT: 17.056 min Scan# 1710
Delta R.T. 0.016 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

Tgt Ion:266 Resp: 58
Ion Ratio Lower Upper
266 100
264 53.4 49.8 74.6
268 55.2 49.6 74.4

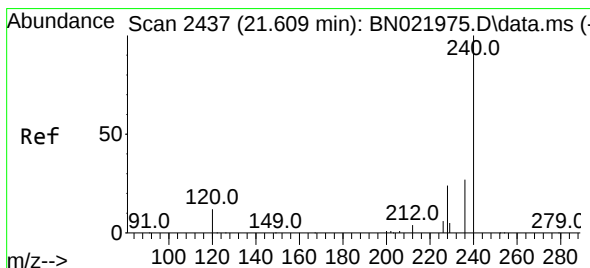
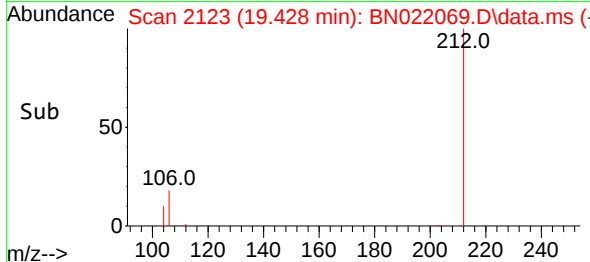
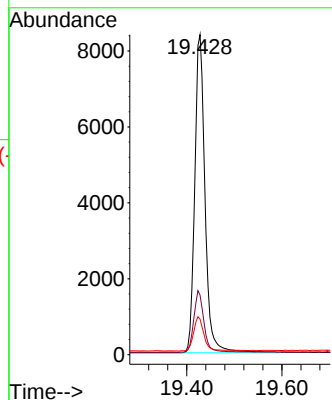
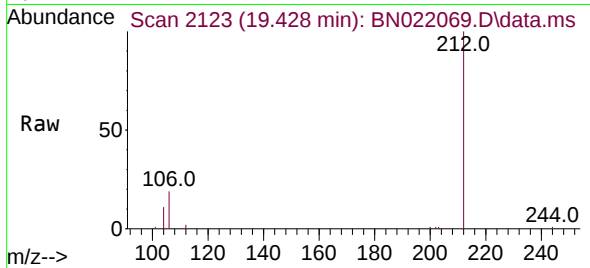




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.428 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

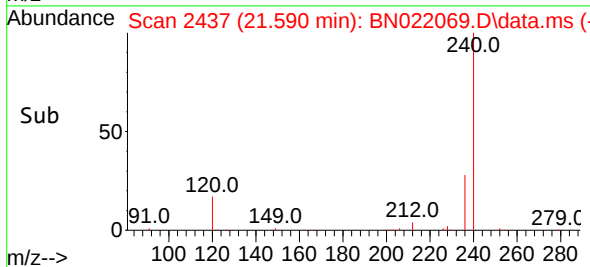
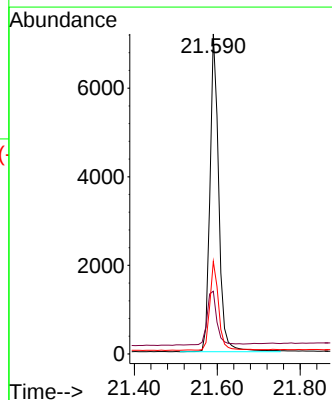
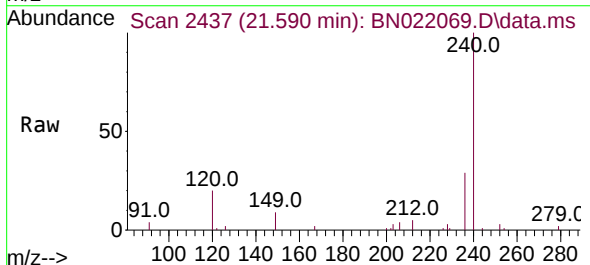
Instrument :
BNA_N
ClientSampleId :
PB148293BL

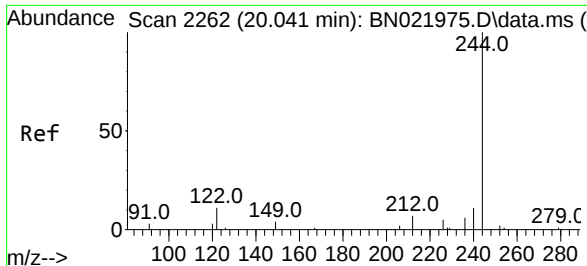
Tgt Ion:212 Resp: 12583
Ion Ratio Lower Upper
212 100
106 18.8 15.2 22.8
104 10.9 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.590 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BN022069.D
Acq: 12 Oct 2022 18:29

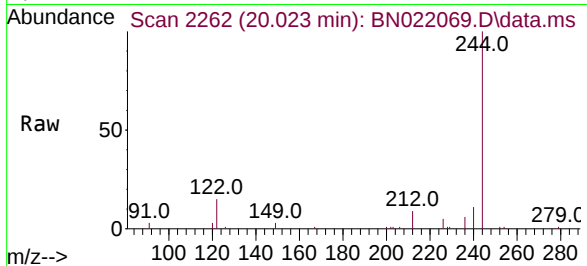
Tgt Ion:240 Resp: 10562
Ion Ratio Lower Upper
240 100
120 19.6 11.8 17.6#
236 28.9 22.4 33.6



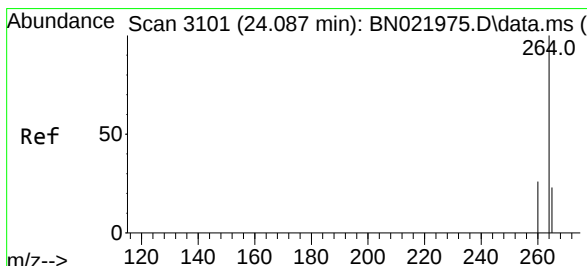
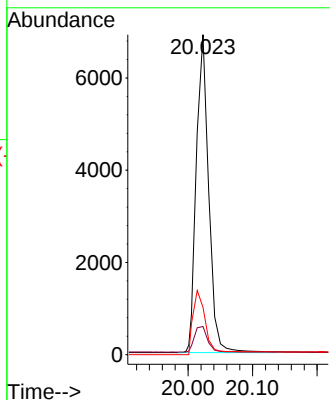
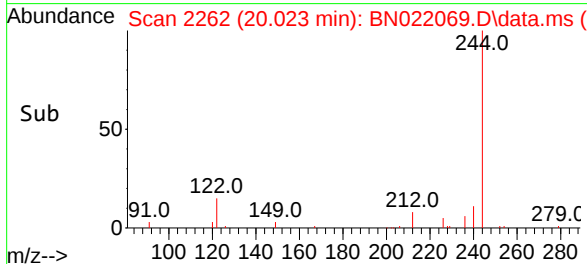


#31
 Terphenyl-d14
 Concen: 0.385 ng
 RT: 20.023 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022069.D
 Acq: 12 Oct 2022 18:29

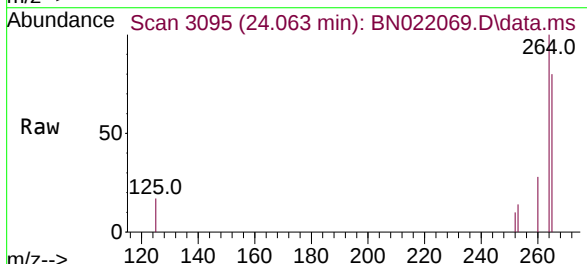
Instrument :
 BNA_N
 ClientSampleId :
 PB148293BL



Tgt Ion:244 Resp: 8171
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.5 9.7
 122 14.8 9.1 13.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.063 min Scan# 3095
 Delta R.T. 0.002 min
 Lab File: BN022069.D
 Acq: 12 Oct 2022 18:29



Tgt Ion:264 Resp: 7114
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.3 31.9
 265 79.6 63.0 94.4

