

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032070.D
 Acq On : 19 Jun 2024 15:41
 Operator : MA/JU
 Sample : P2928-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-560-562

Quant Time: Jun 19 16:07:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

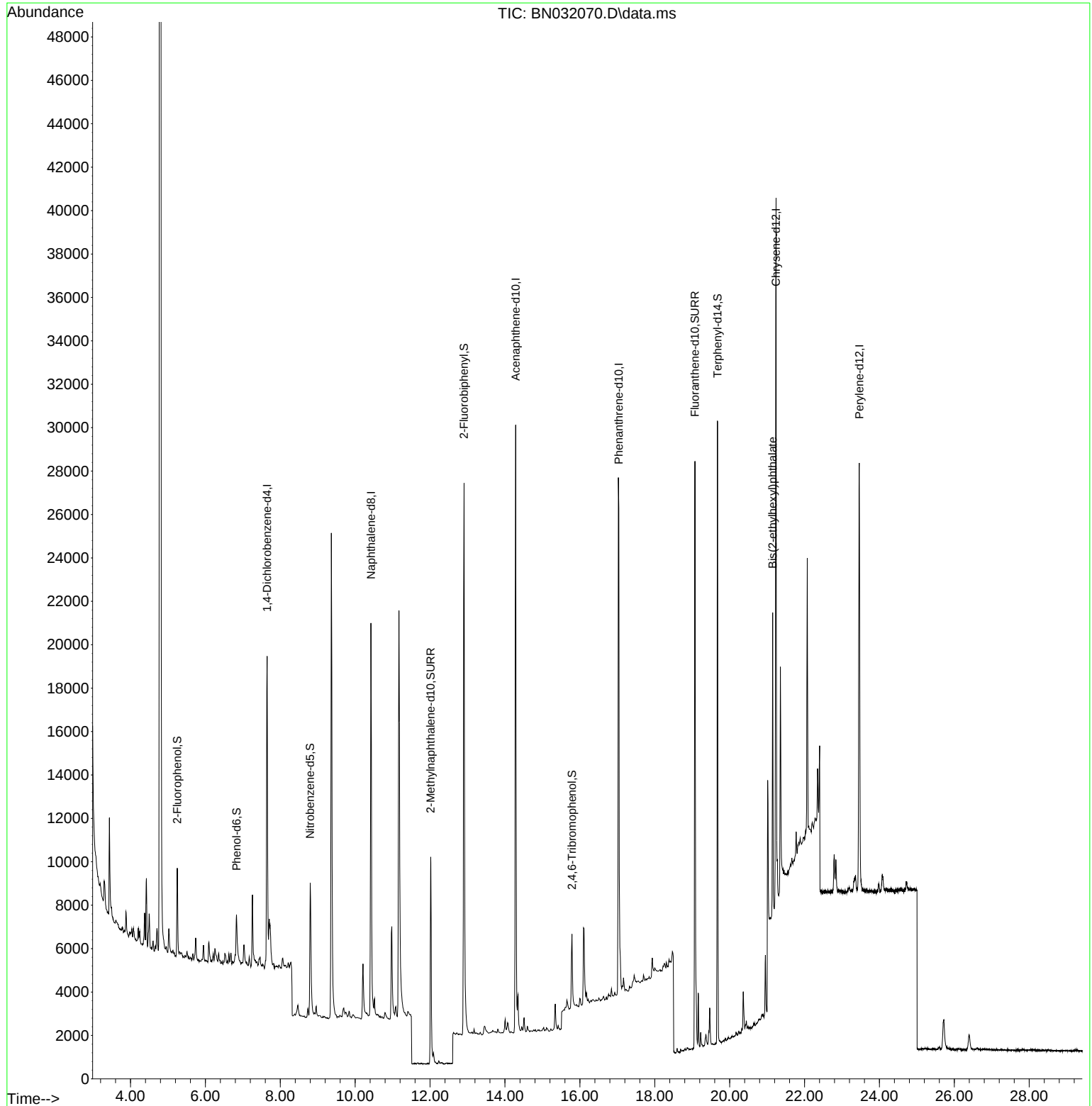
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7859	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	26536	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	17524	0.400	ng	0.00
19) Phenanthrene-d10	17.041	188	39093	0.400	ng	0.01
29) Chrysene-d12	21.238	240	31140	0.400	ng	0.00
35) Perylene-d12	23.461	264	26754	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3790	0.170	ng	0.00
5) Phenol-d6	6.830	99	3450	0.118	ng	0.00
8) Nitrobenzene-d5	8.798	82	6739	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	14816	0.351	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2428	0.289	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	27773	0.418	ng	0.00
27) Fluoranthene-d10	19.073	212	32099	0.302	ng	0.00
31) Terphenyl-d14	19.676	244	28922	0.380	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.148	149	11502	0.144	ng	Qvalue 99

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

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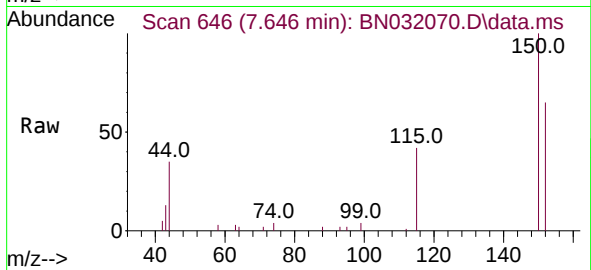
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



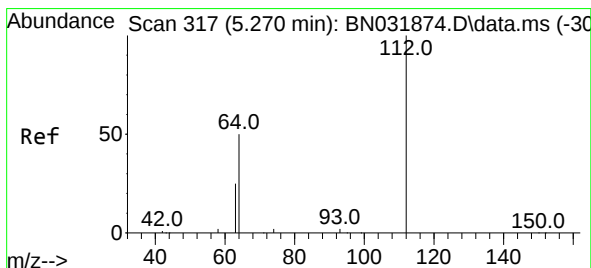
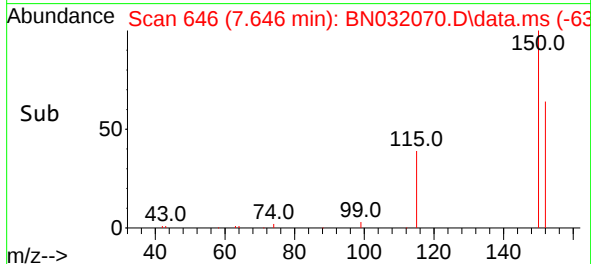
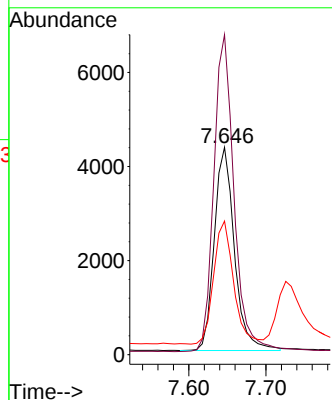


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-560-562

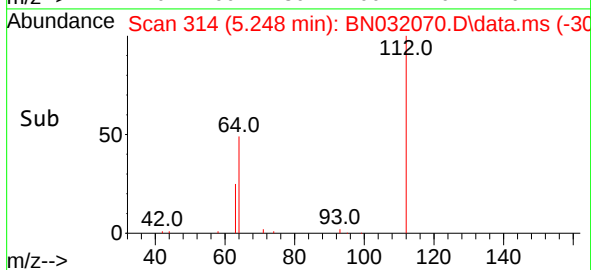
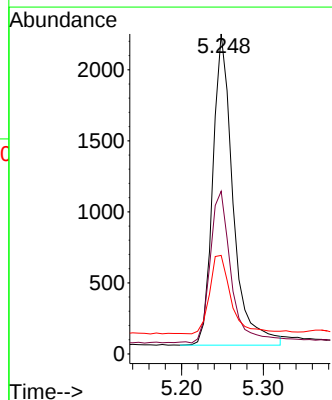
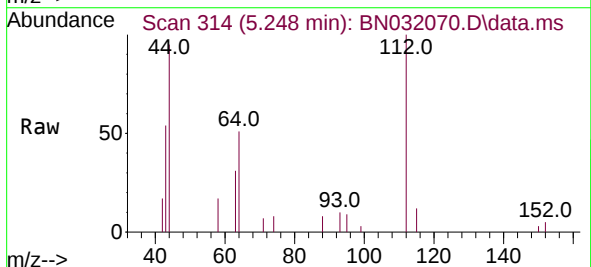


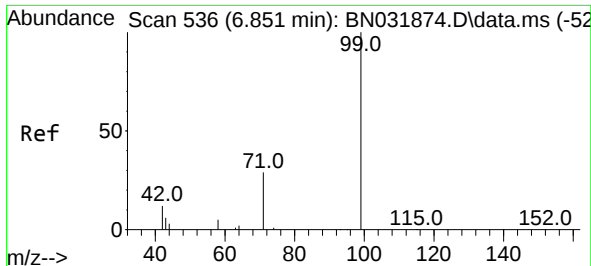
Tgt Ion:152 Resp: 7859
Ion Ratio Lower Upper
152 100
150 154.3 121.0 181.4
115 64.5 49.4 74.0



#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.248 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Tgt Ion:112 Resp: 3790
Ion Ratio Lower Upper
112 100
64 50.0 42.4 63.6
63 26.3 22.1 33.1

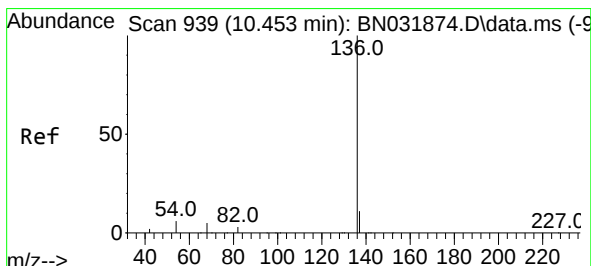
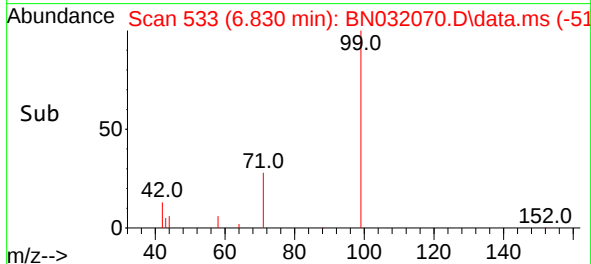
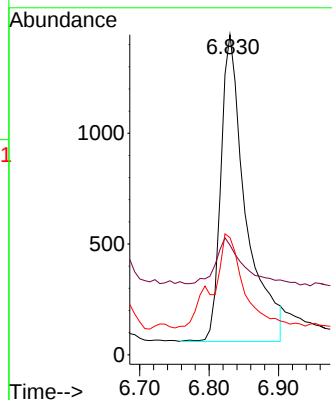
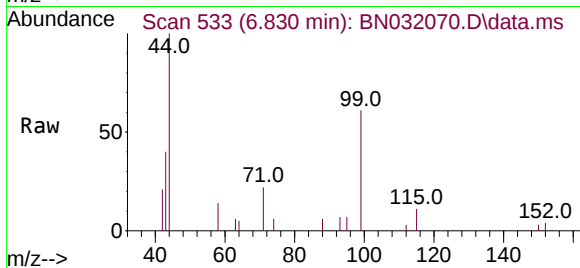




#5
Phenol-d6
Concen: 0.118 ng
RT: 6.830 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

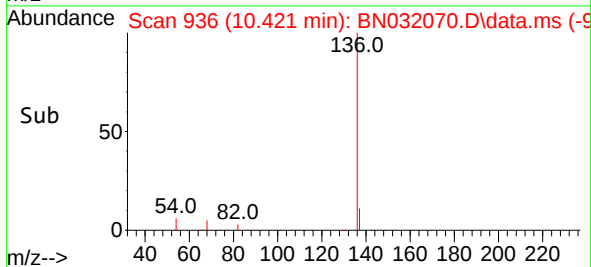
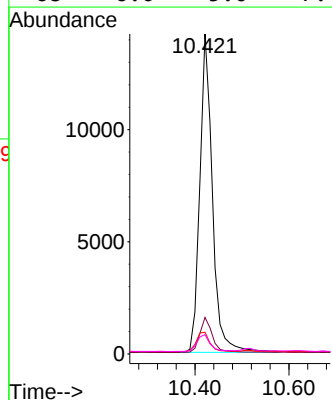
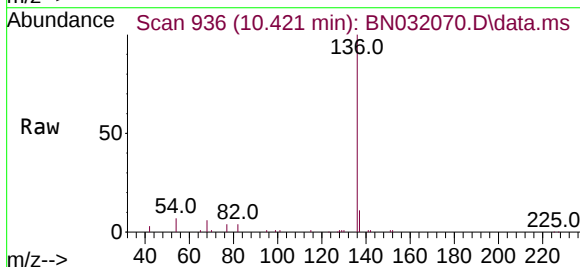
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-560-562

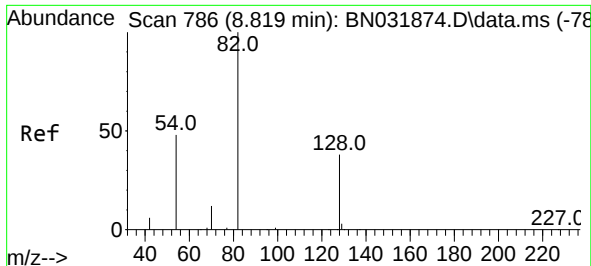
Tgt Ion: 99 Resp: 3450
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 38.1 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Tgt Ion: 136 Resp: 26536
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.8 5.6 8.4
68 6.0 5.0 7.4

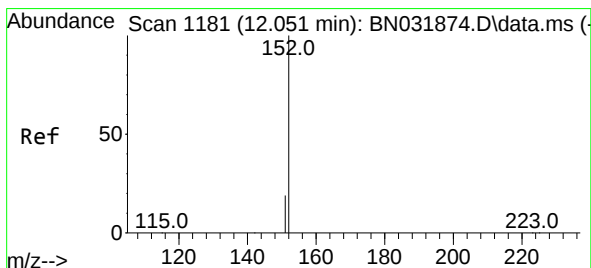
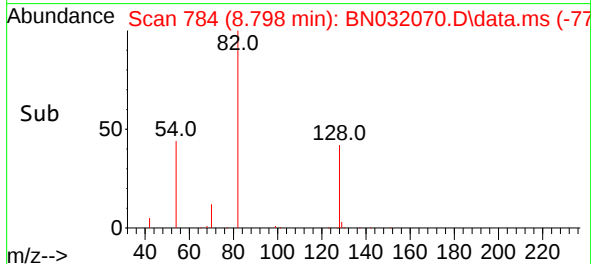
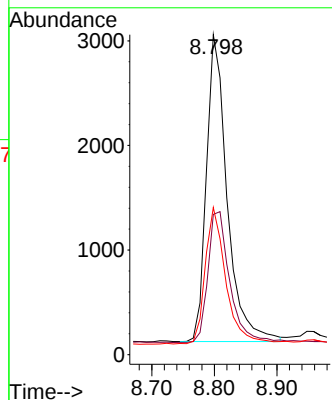
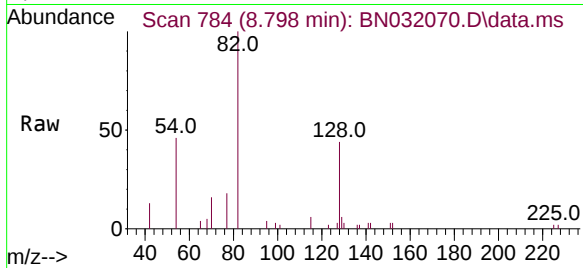




#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

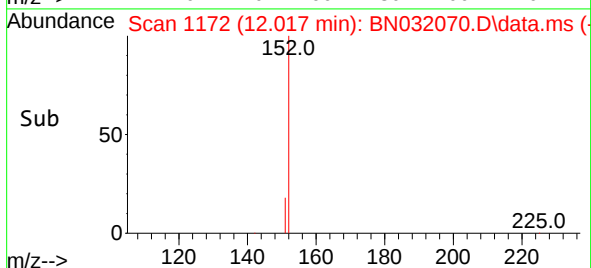
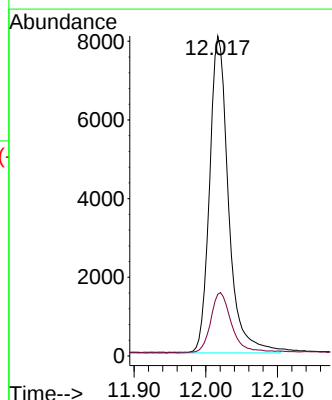
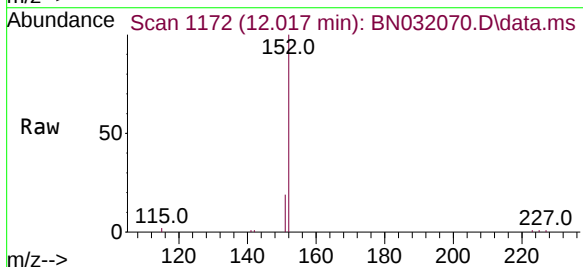
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-560-562

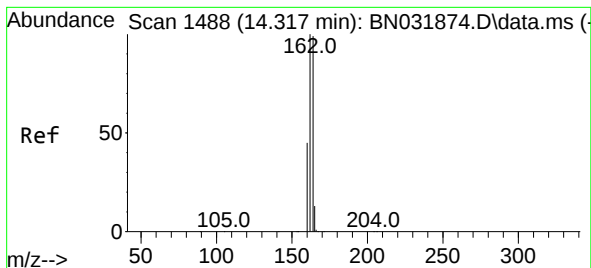
Tgt Ion: 82 Resp: 6739
Ion Ratio Lower Upper
82 100
128 43.9 32.1 48.1
54 46.0 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.017 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Tgt Ion: 152 Resp: 14816
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.285 min Scan# 1488

Delta R.T. 0.000 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-560-562

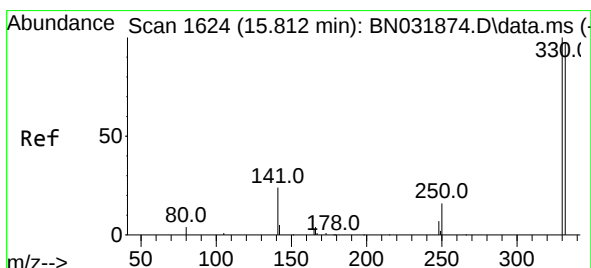
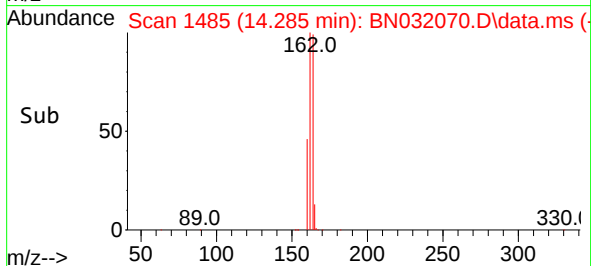
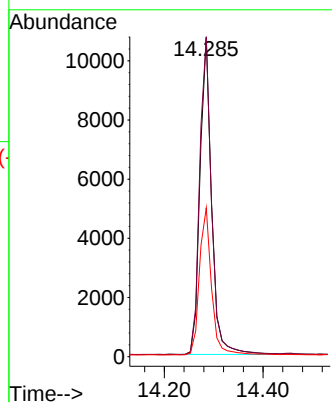
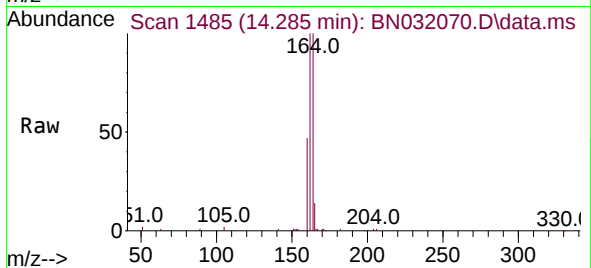
Tgt Ion:164 Resp: 17524

Ion Ratio Lower Upper

164 100

162 100.3 80.7 121.1

160 46.6 36.2 54.4



#14

2,4,6-Tribromophenol

Concen: 0.289 ng

RT: 15.787 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

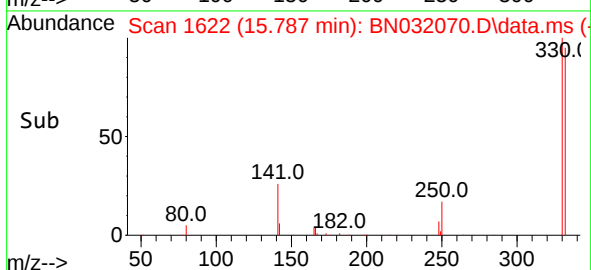
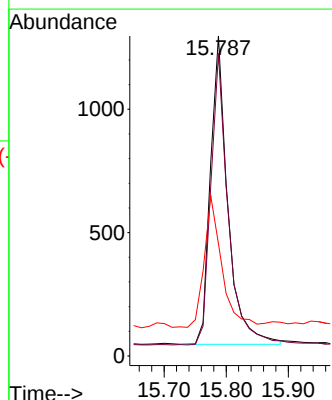
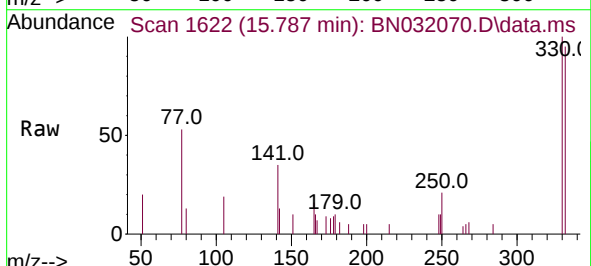
Tgt Ion:330 Resp: 2428

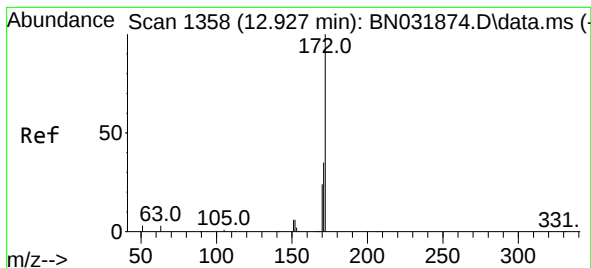
Ion Ratio Lower Upper

330 100

332 94.5 77.5 116.3

141 43.7 34.7 52.1





#15

2-Fluorobiphenyl

Concen: 0.418 ng

RT: 12.906 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-560-562

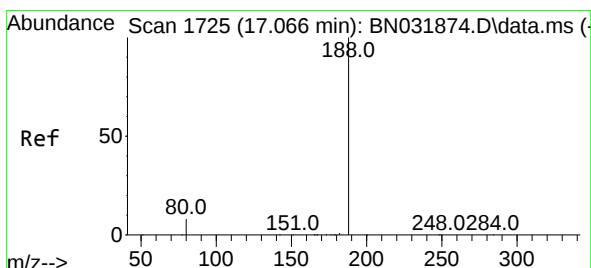
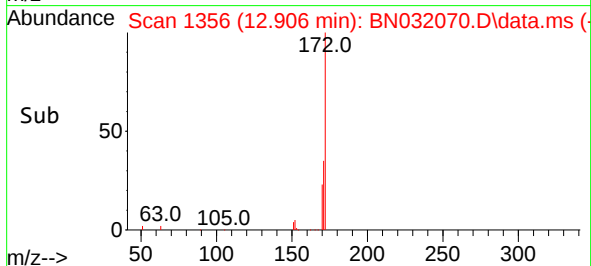
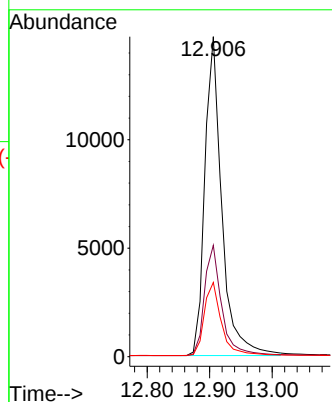
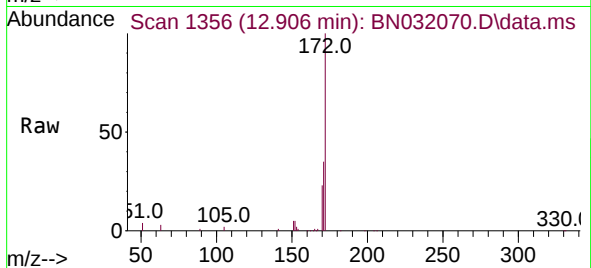
Tgt Ion:172 Resp: 27773

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.2 19.2 28.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.041 min Scan# 1723

Delta R.T. 0.012 min

Lab File: BN032070.D

Acq: 19 Jun 2024 15:41

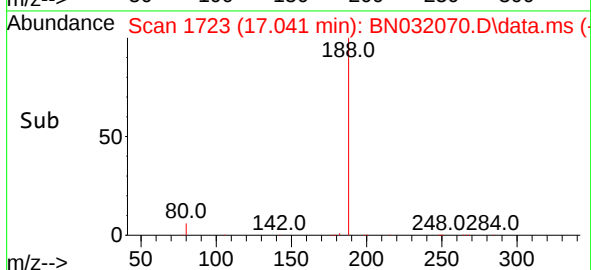
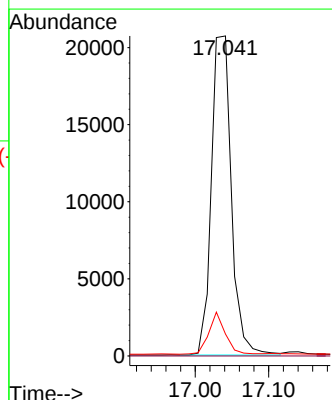
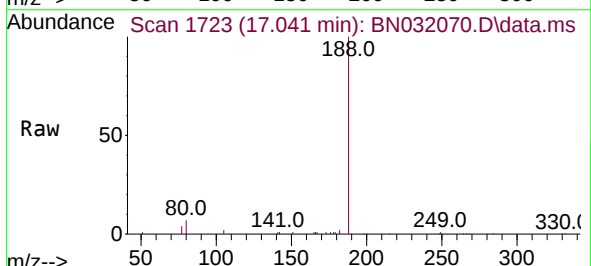
Tgt Ion:188 Resp: 39093

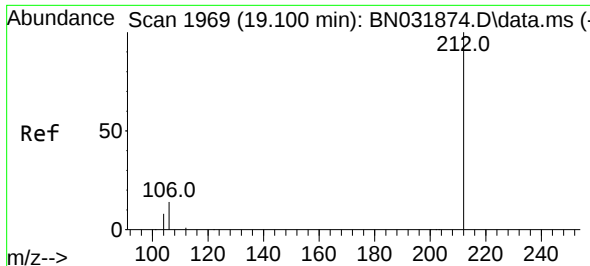
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.8 6.4 9.6

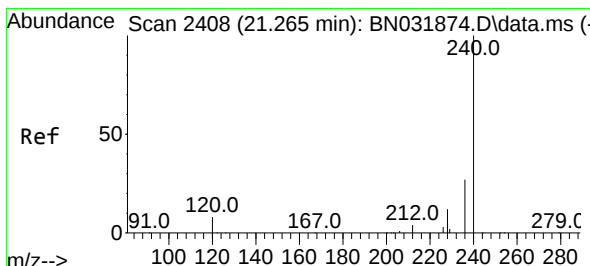
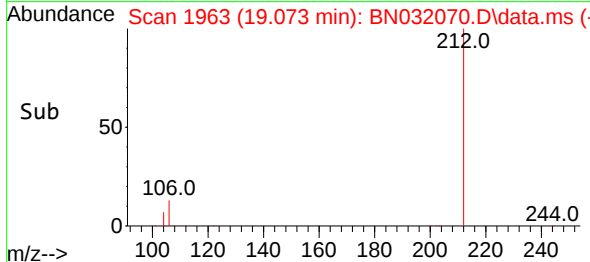
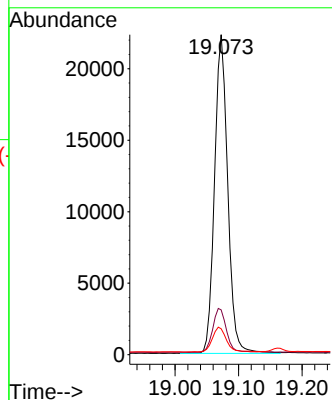
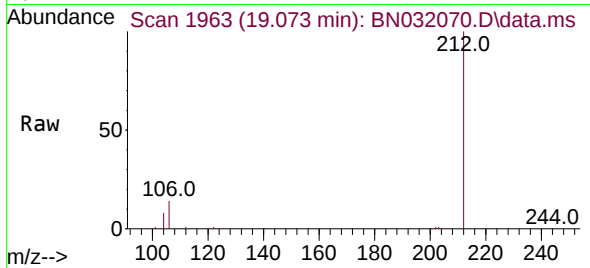




#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.073 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

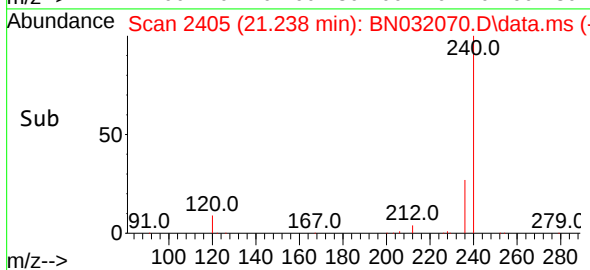
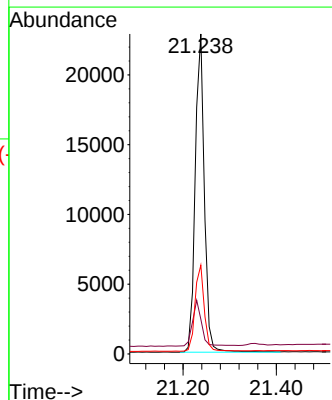
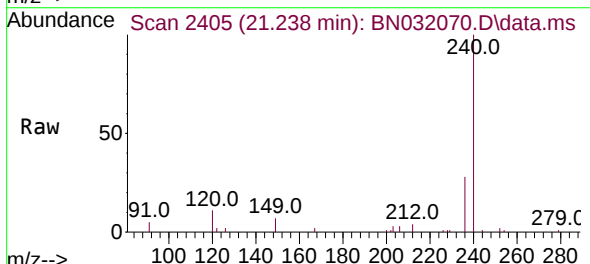
Instrument :
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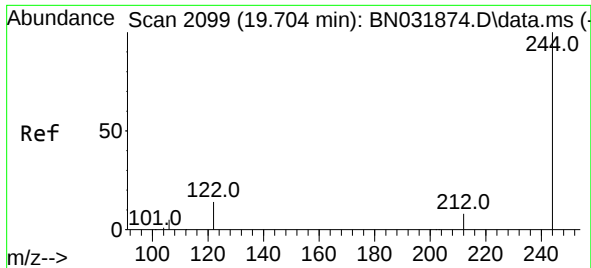
Tgt Ion:212 Resp: 32099
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.8
104 8.2 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2405
Delta R.T. 0.009 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Tgt Ion:240 Resp: 31140
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.4
236 27.8 21.8 32.8

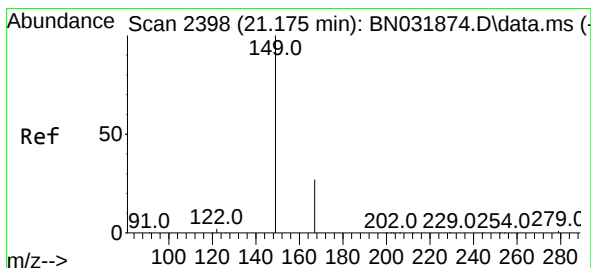
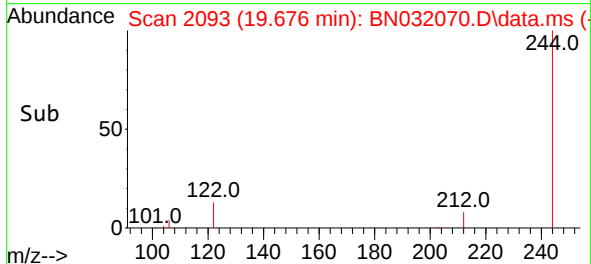
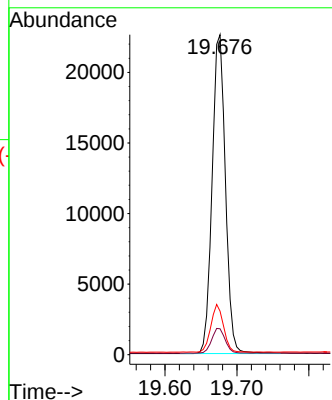
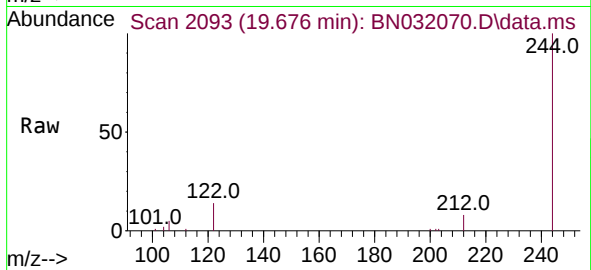




#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.676 min Scan# 2099
Delta R.T. 0.005 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

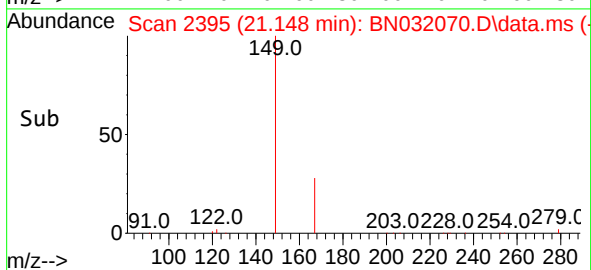
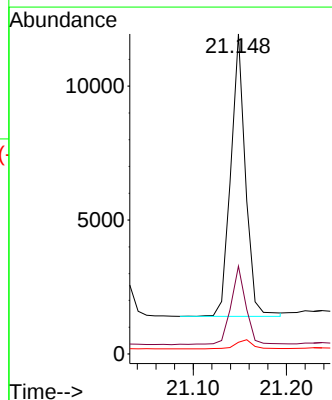
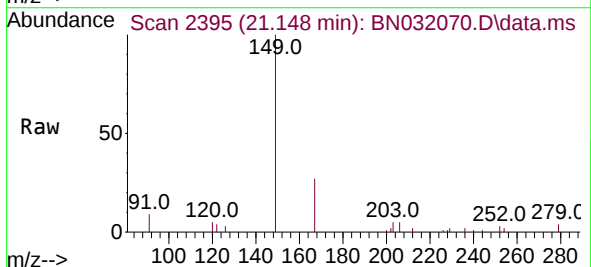
Instrument :
BNA_N
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BP-VPB-196-GW-560-562

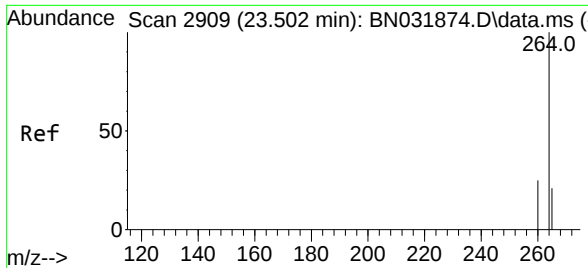
Tgt Ion:244 Resp: 28922
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 13.6 11.4 17.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.148 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN032070.D
Acq: 19 Jun 2024 15:41

Tgt Ion:149 Resp: 11502
Ion Ratio Lower Upper
149 100
167 28.4 22.5 33.7
279 3.8 2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.461 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BN032070.D
 Acq: 19 Jun 2024 15:41

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-560-562

Tgt Ion:	264	Resp:	26754
Ion Ratio	Lower	Upper	
264	100		
260	25.9	20.5	30.7
265	59.9	39.6	59.4#

