

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032075.D
 Acq On : 19 Jun 2024 19:26
 Operator : MA/JU
 Sample : PB161445BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161445BL

Quant Time: Jun 19 23:32:02 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)

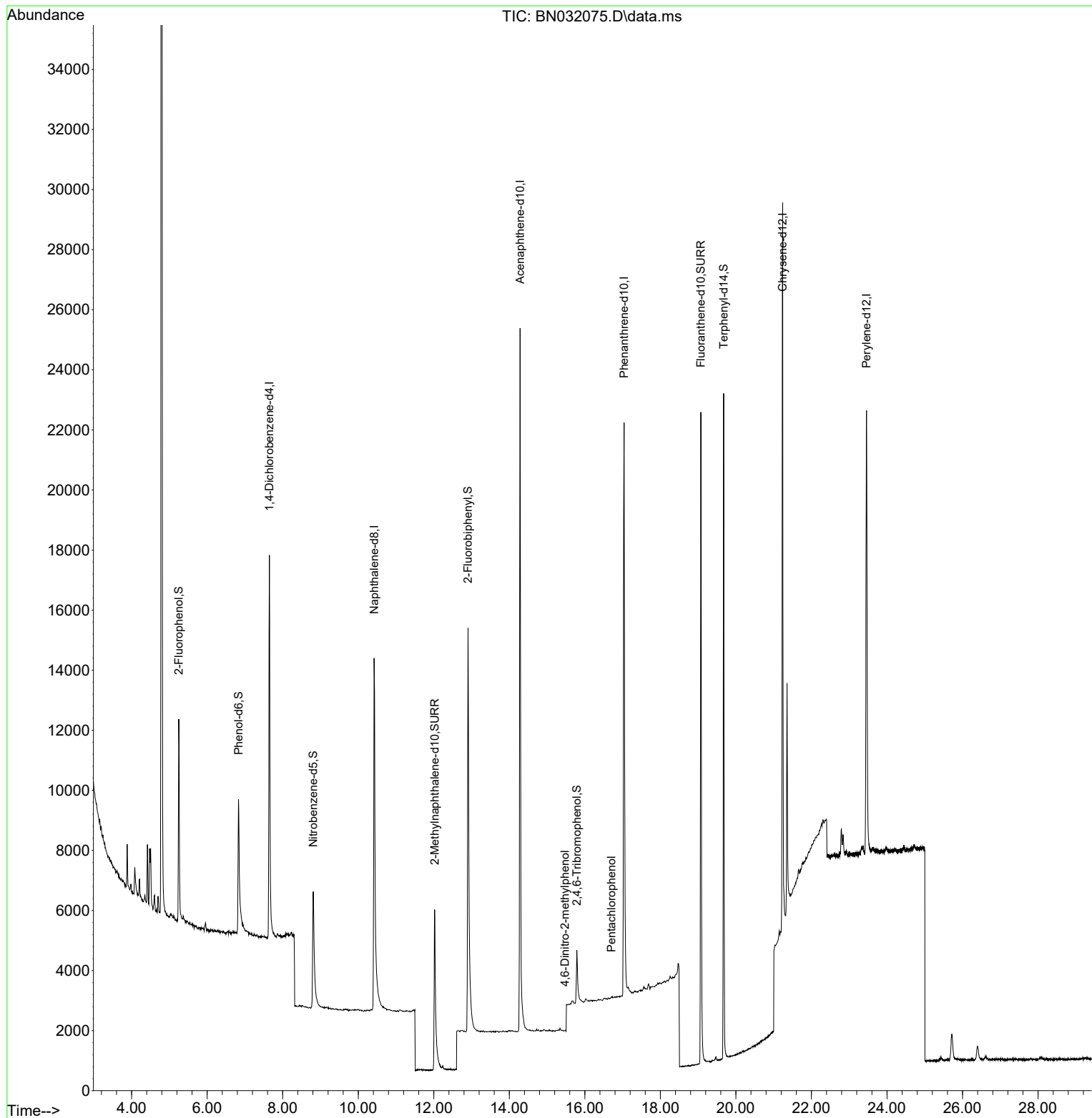
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7428	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	24352	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	15812	0.400	ng	0.00
19) Phenanthrene-d10	17.041	188	34457	0.400	ng	0.01
29) Chrysene-d12	21.238	240	25414	0.400	ng	0.00
35) Perylene-d12	23.458	264	21800	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	6325	0.299	ng	0.00
5) Phenol-d6	6.830	99	7010	0.253	ng	0.00
8) Nitrobenzene-d5	8.809	82	5638	0.279	ng	0.01
11) 2-Methylnaphthalene-d10	12.024	152	11632	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1425	0.188	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	19077	0.318	ng	0.00
27) Fluoranthene-d10	19.072	212	27855	0.297	ng	0.00
31) Terphenyl-d14	19.676	244	22775	0.367	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.472	198	3	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	71	0.176	ng	89

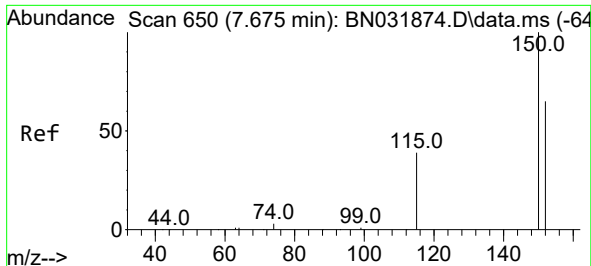
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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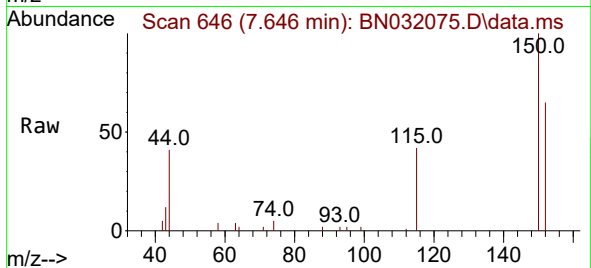
Quant Time: Jun 19 23:32:02 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



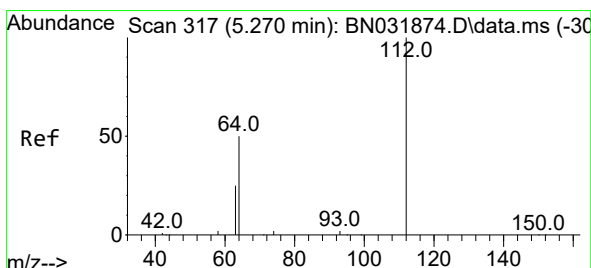
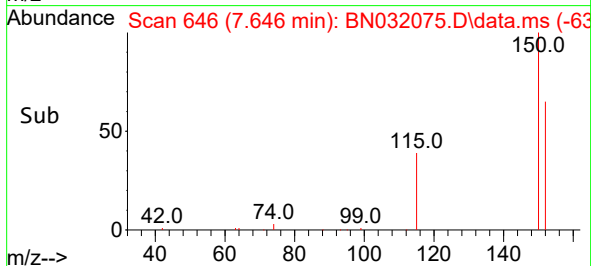
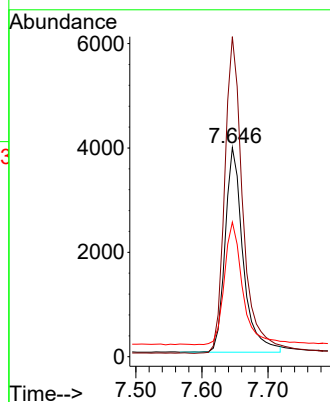


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Instrument :
BNA_N
ClientSampleId :
PB161445BL

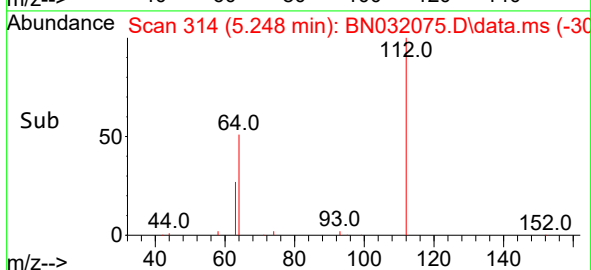
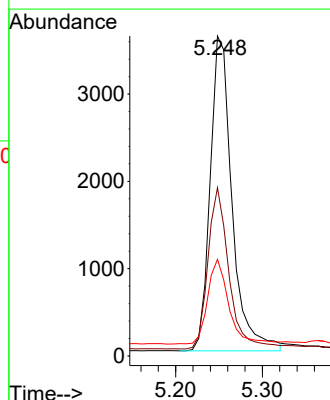
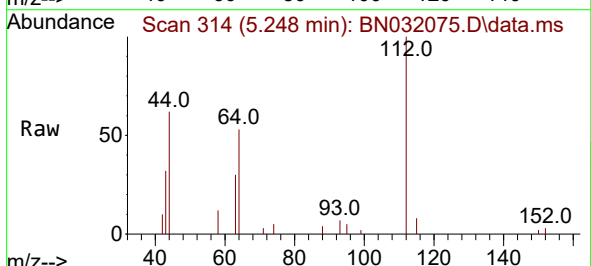


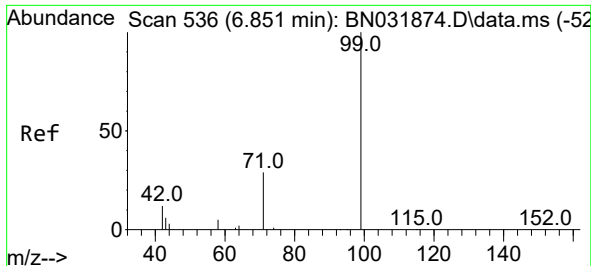
Tgt Ion:152 Resp: 7428
Ion Ratio Lower Upper
152 100
150 153.0 121.0 181.4
115 64.4 49.4 74.0



#4
2-Fluorophenol
Concen: 0.299 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Tgt Ion:112 Resp: 6325
Ion Ratio Lower Upper
112 100
64 49.1 42.4 63.6
63 26.0 22.1 33.1

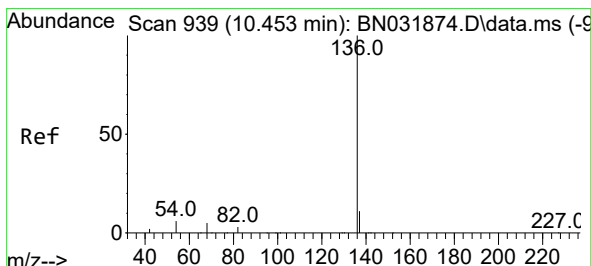
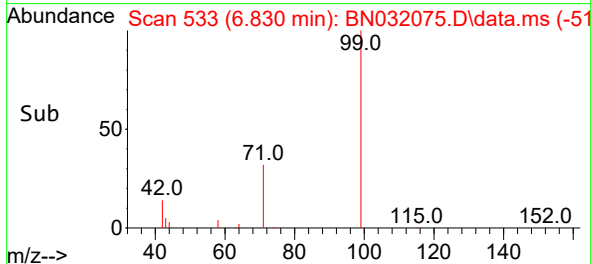
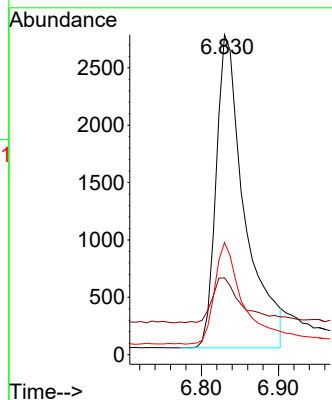
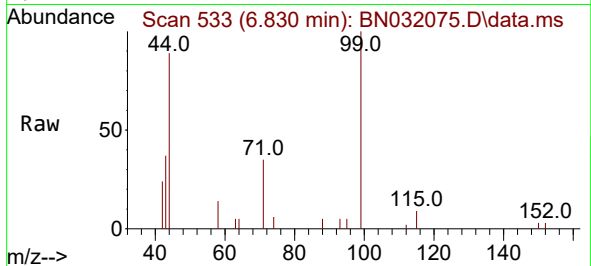




#5
Phenol-d6
Concen: 0.253 ng
RT: 6.830 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

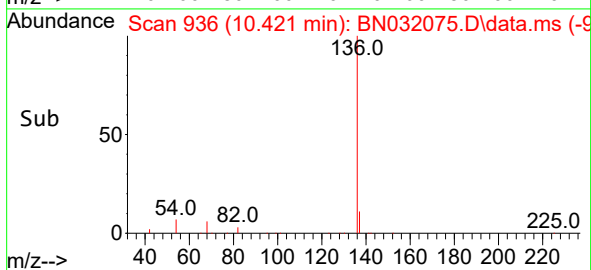
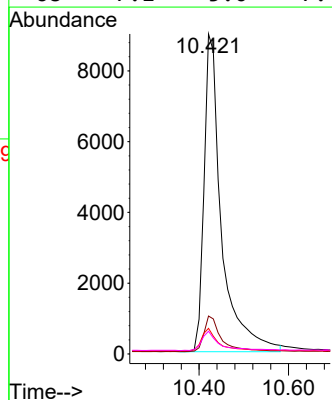
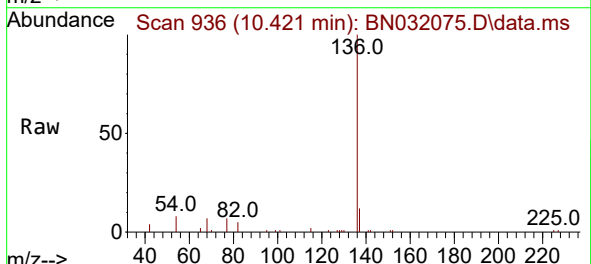
Instrument :
BNA_N
ClientSampleId :
PB161445BL

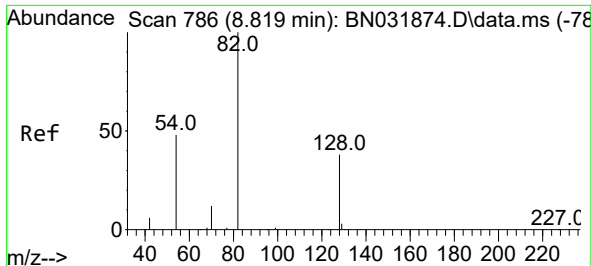
Tgt Ion: 99 Resp: 7010
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 32.0 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Tgt Ion: 136 Resp: 24352
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 8.0 5.6 8.4
68 7.1 5.0 7.4

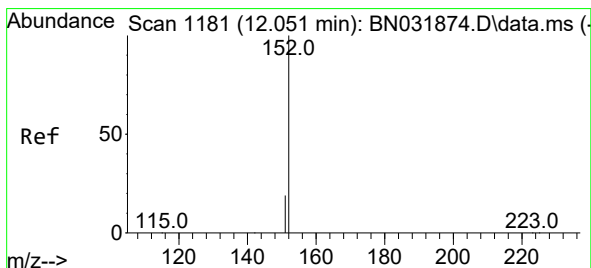
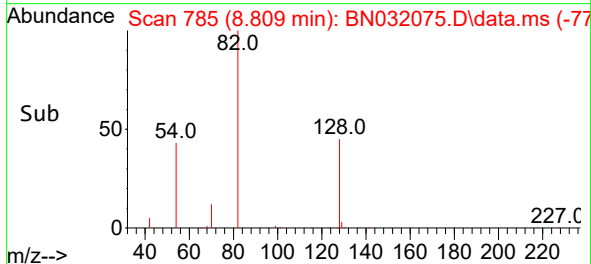
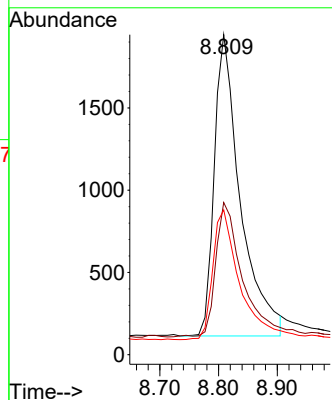
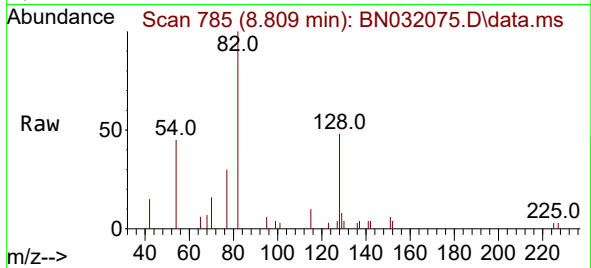




#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 8.809 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

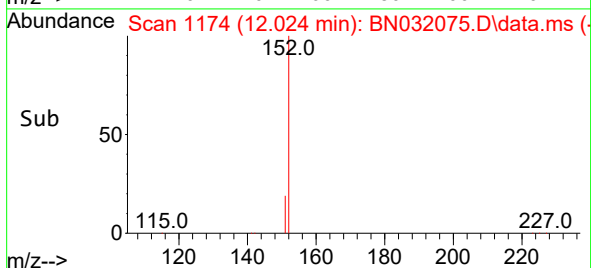
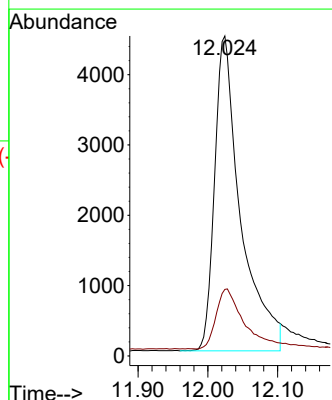
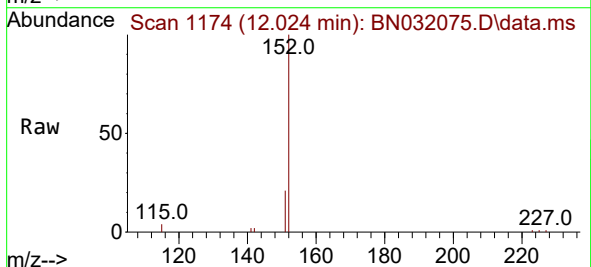
Instrument :
BNA_N
ClientSampleId :
PB161445BL

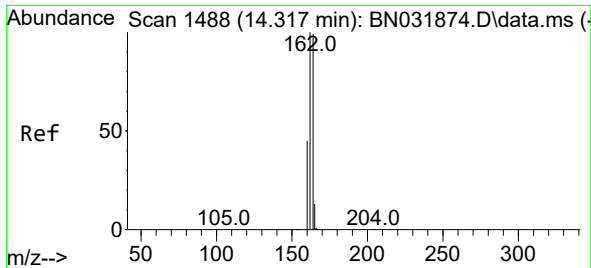
Tgt Ion: 82 Resp: 5638
Ion Ratio Lower Upper
82 100
128 47.6 32.1 48.1
54 45.2 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.024 min Scan# 1174
Delta R.T. 0.004 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Tgt Ion: 152 Resp: 11632
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5

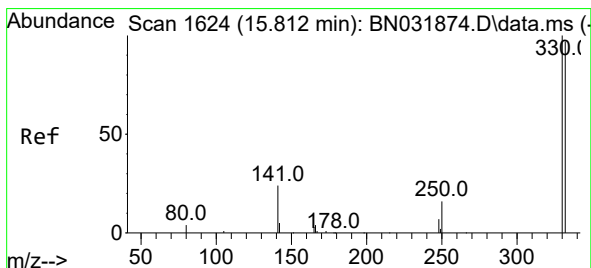
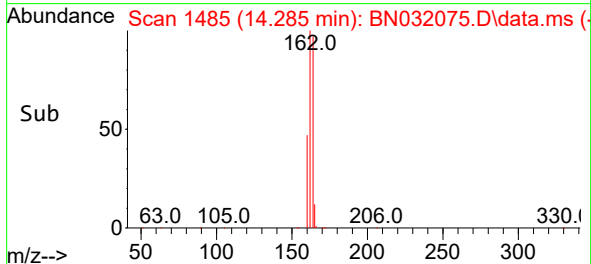
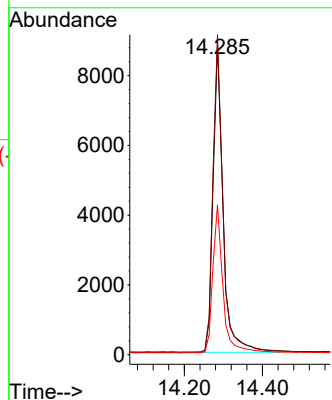
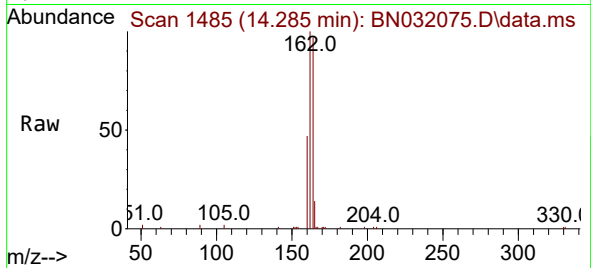




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.285 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

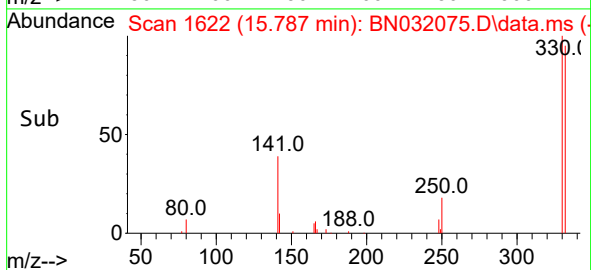
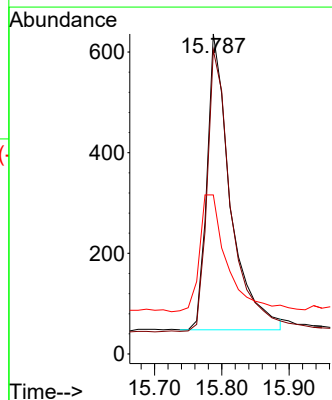
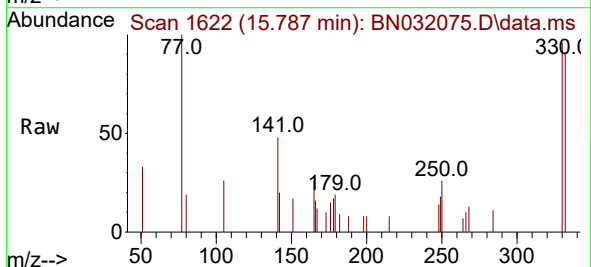
Instrument :
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ClientSampleId :
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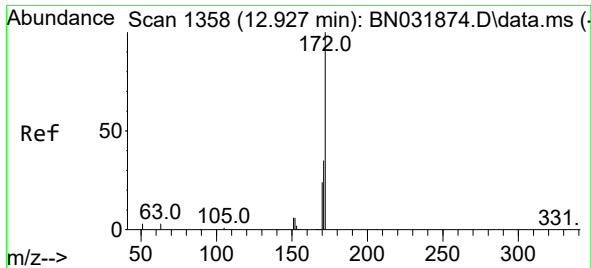
Tgt Ion:164 Resp: 15812
Ion Ratio Lower Upper
164 100
162 103.3 80.7 121.1
160 48.3 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.188 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Tgt Ion:330 Resp: 1425
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 45.1 34.7 52.1

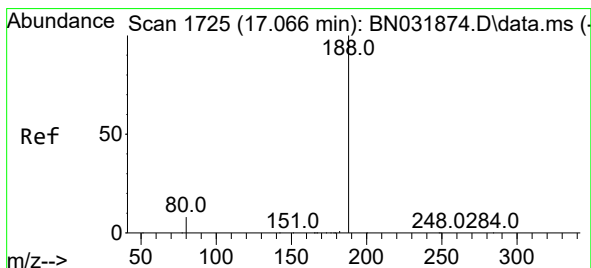
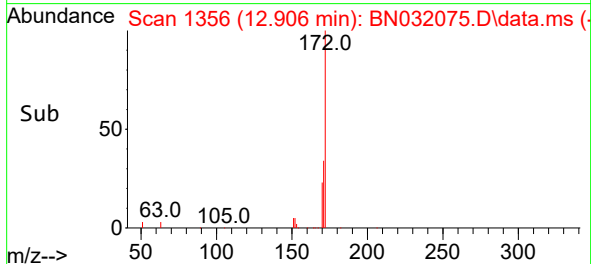
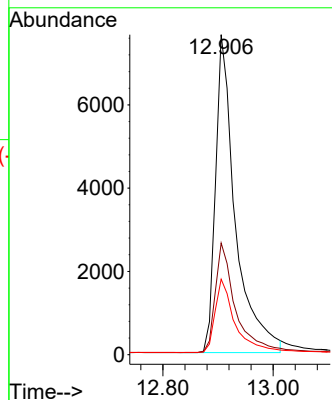
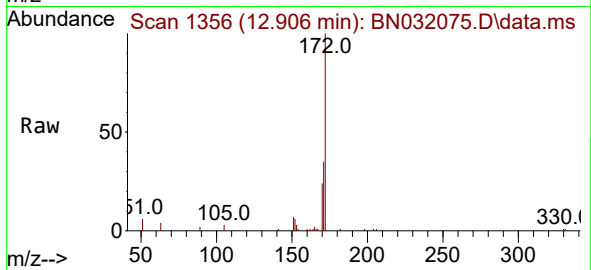




#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.906 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

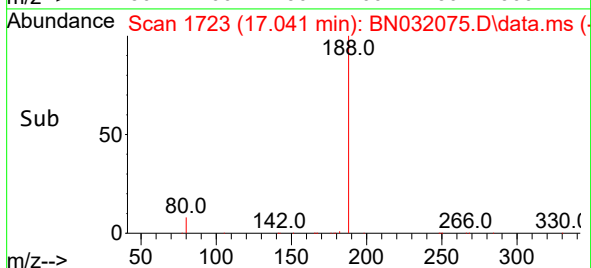
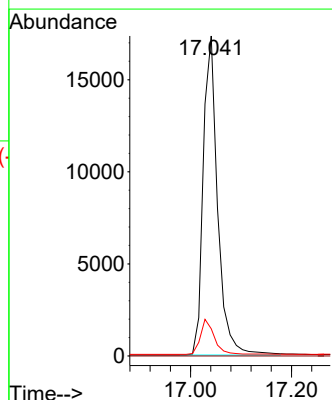
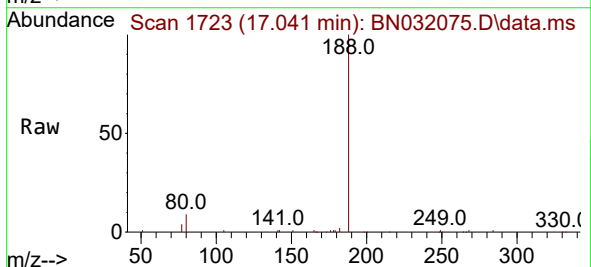
Instrument :
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ClientSampleId :
PB161445BL

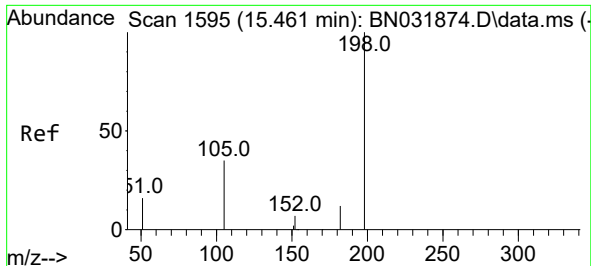
Tgt Ion:172 Resp: 19077
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.6 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.041 min Scan# 1723
Delta R.T. 0.012 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Tgt Ion:188 Resp: 34457
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 6.4 9.6

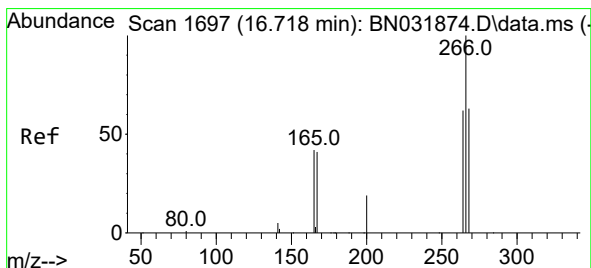
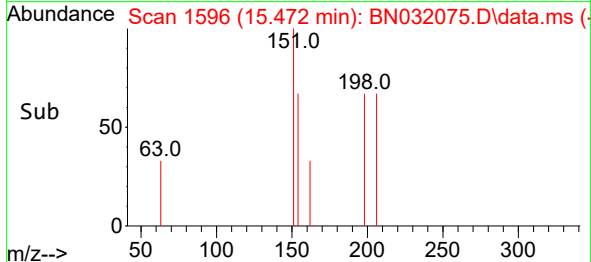
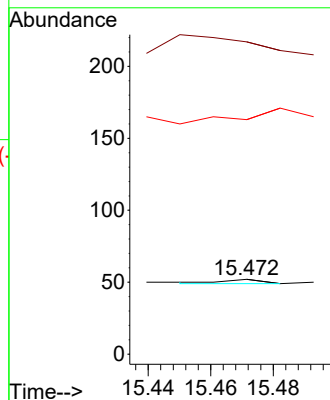
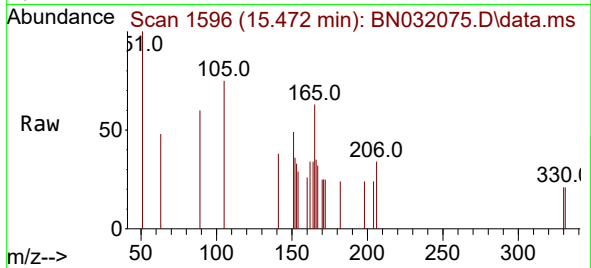




#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.472 min Scan# 1596
Delta R.T. 0.032 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

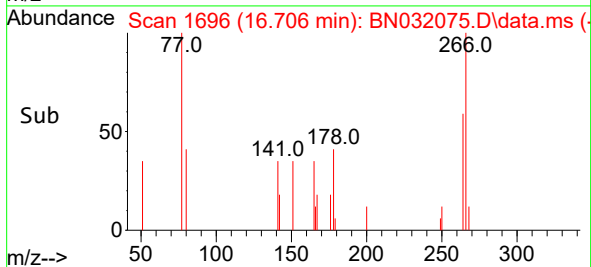
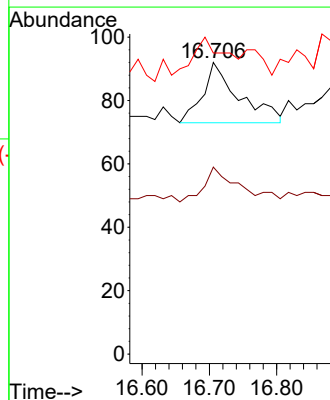
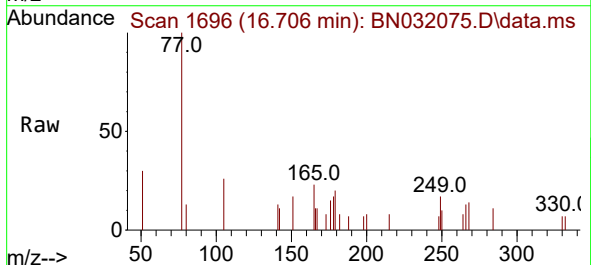
Instrument :
BNA_N
ClientSampleId :
PB161445BL

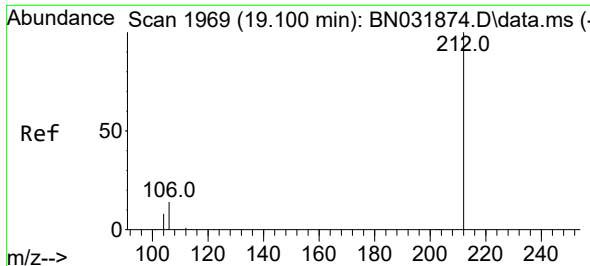
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 417.3 42.7 64.1#
105 313.5 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.176 ng
RT: 16.706 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Tgt Ion:266 Resp: 71
Ion Ratio Lower Upper
266 100
264 54.9 50.0 75.0
268 53.5 51.0 76.6

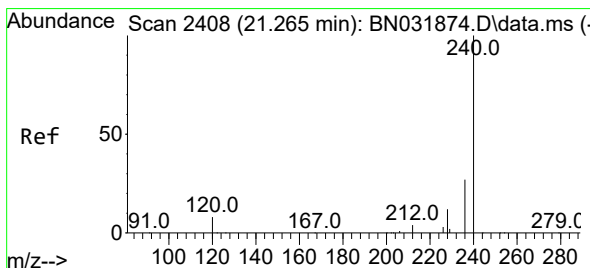
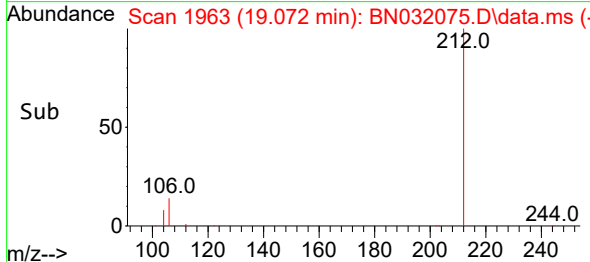
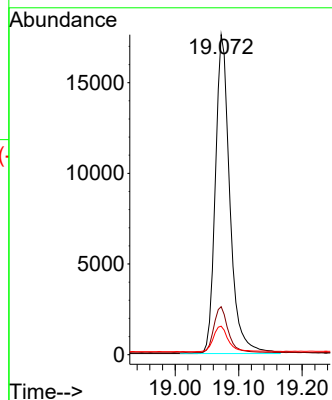
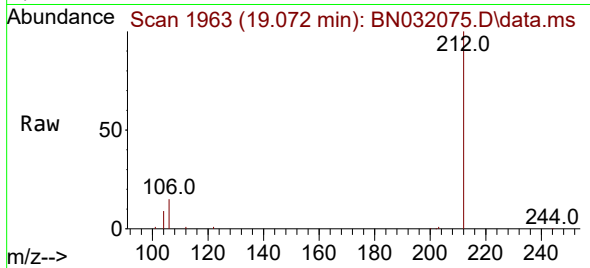




#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.072 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

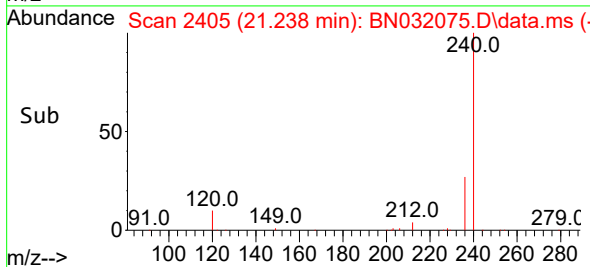
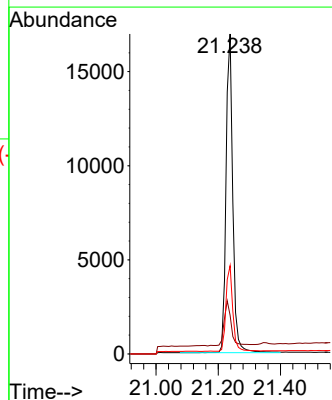
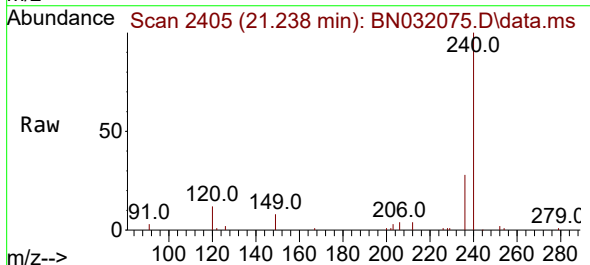
Instrument :
BNA_N
ClientSampleId :
PB161445BL

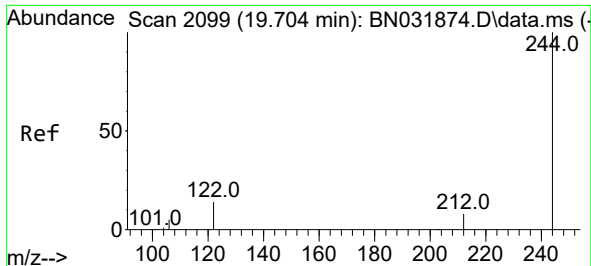
Tgt Ion:212 Resp: 27855
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.8
104 8.1 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2405
Delta R.T. 0.009 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Tgt Ion:240 Resp: 25414
Ion Ratio Lower Upper
240 100
120 12.1 8.2 12.4
236 27.6 21.8 32.8

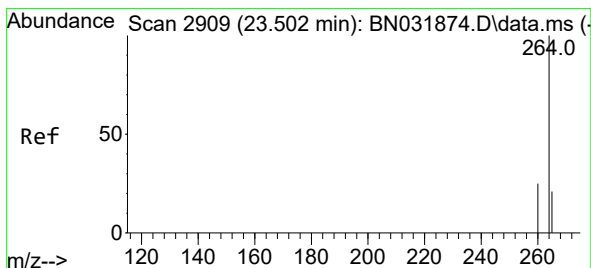
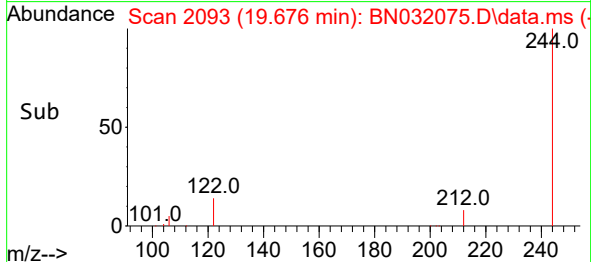
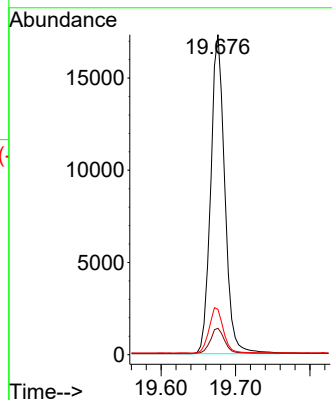
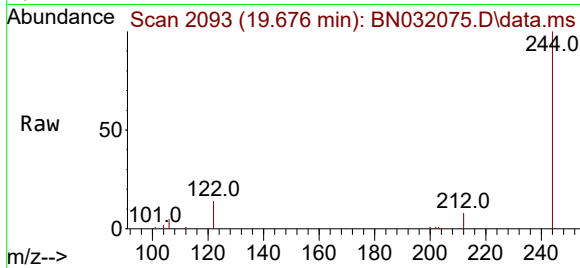




#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.676 min Scan# 2099
Delta R.T. 0.005 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Instrument :
BNA_N
ClientSampleId :
PB161445BL

Tgt Ion:244 Resp: 22775
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 14.2 11.4 17.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.458 min Scan# 2894
Delta R.T. 0.006 min
Lab File: BN032075.D
Acq: 19 Jun 2024 19:26

Tgt Ion:264 Resp: 21800
Ion Ratio Lower Upper
264 100
260 25.3 20.5 30.7
265 70.0 39.6 59.4#

