

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035504.D
 Acq On : 09 Dec 2024 13:28
 Operator : RC/JU
 Sample : P5143-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN002

Quant Time: Dec 09 13:53:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

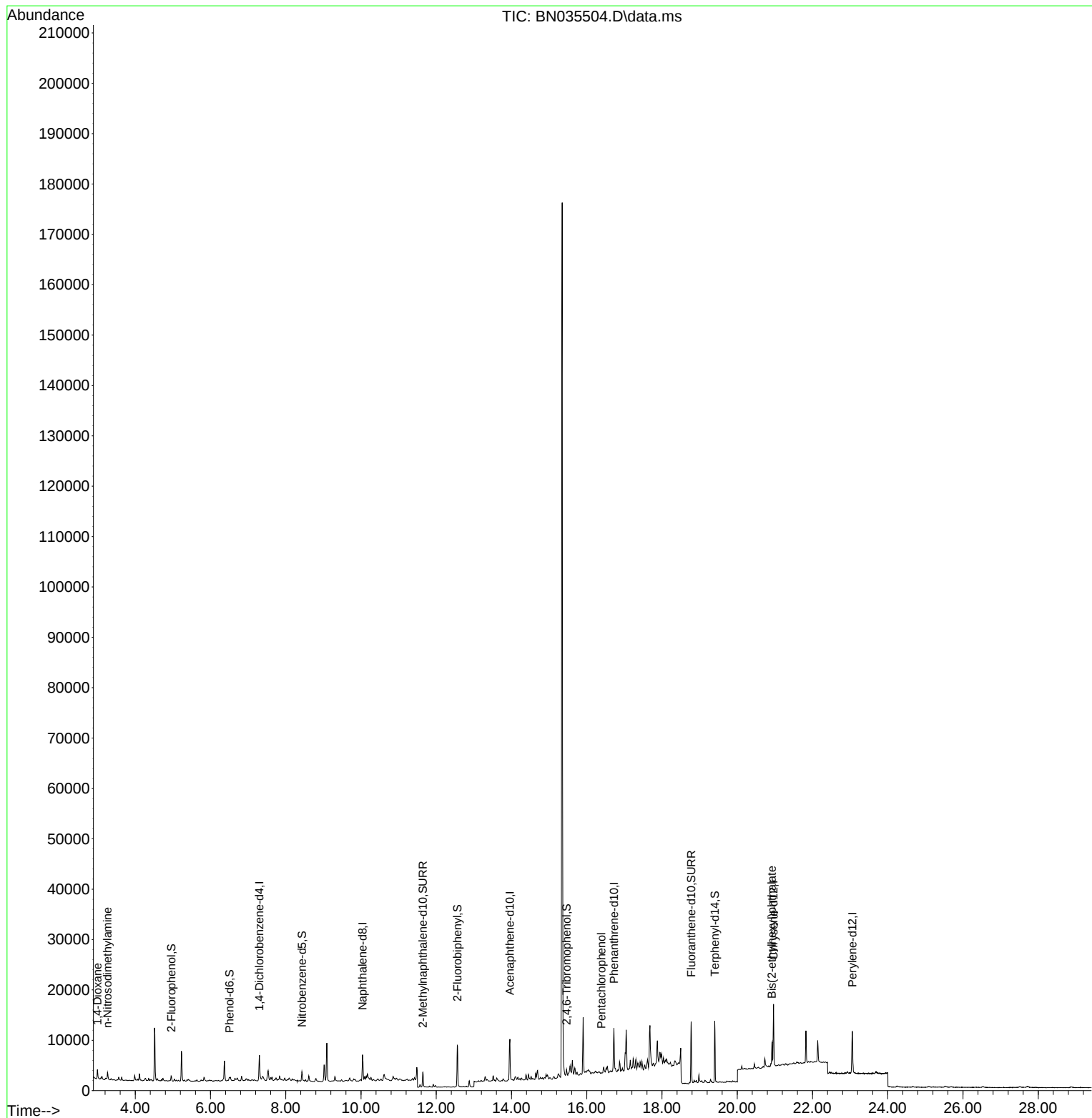
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	2240	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	6847	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	5238	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	11517	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	10597	0.400	ng	0.00
35) Perylene-d12	23.059	264	10178	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.961	112	740	0.132	ng	0.00
5) Phenol-d6	6.506	99	628	0.093	ng	0.00
8) Nitrobenzene-d5	8.429	82	1768	0.423	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	4098	0.382	ng	-0.01
14) 2,4,6-Tribromophenol	15.464	330	1101	0.296	ng	-0.01
15) 2-Fluorobiphenyl	12.564	172	7278	0.368	ng	-0.01
27) Fluoranthene-d10	18.775	212	13668	0.419	ng	0.00
31) Terphenyl-d14	19.402	244	11304	0.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	1394	0.651	ng	# 90
3) n-Nitrosodimethylamine	3.263	42	126	0.071	ng	# 1
24) Pentachlorophenol	16.388	266	72	0.021	ng	96
34) Bis(2-ethylhexyl)phtha...	20.920	149	4948	0.338	ng	# 79

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

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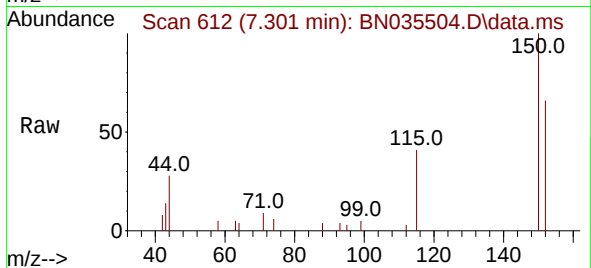
Quant Time: Dec 09 13:53:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



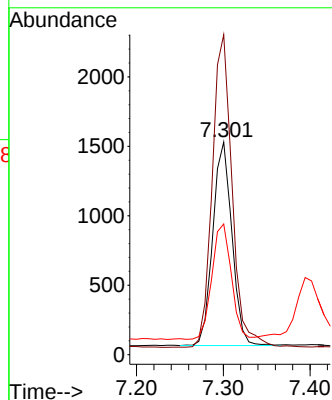
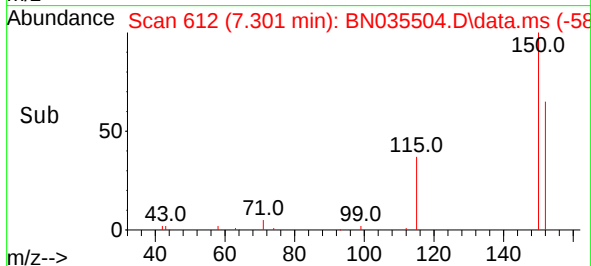


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.301 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

Instrument :
BNA_N
ClientSampleId :
DSN002

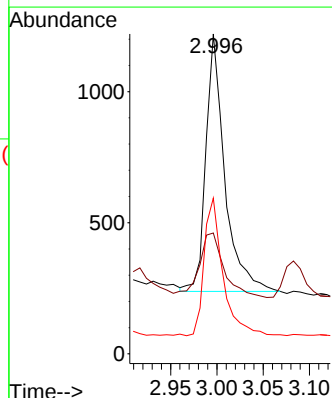
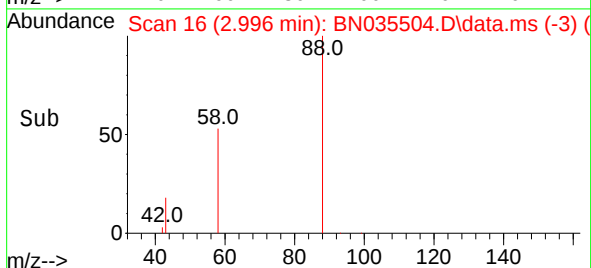
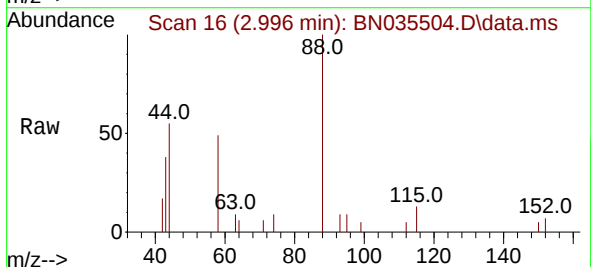


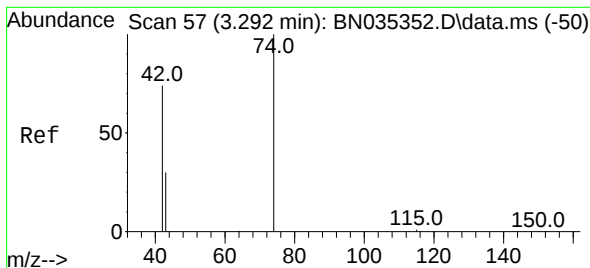
Tgt Ion:152 Resp: 2240
Ion Ratio Lower Upper
152 100
150 150.5 124.0 186.0
115 61.5 49.6 74.4



#2
1,4-Dioxane
Concen: 0.651 ng
RT: 2.996 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

Tgt Ion: 88 Resp: 1394
Ion Ratio Lower Upper
88 100
43 33.2 17.2 25.8#
58 52.4 44.5 66.7

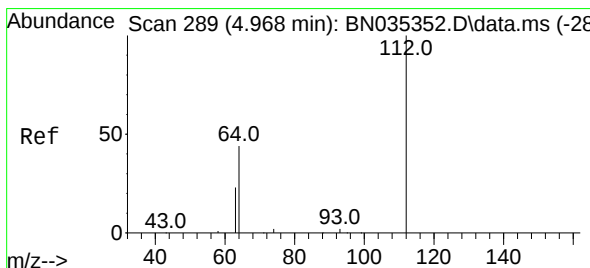
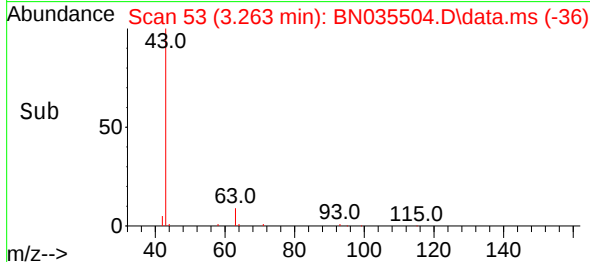
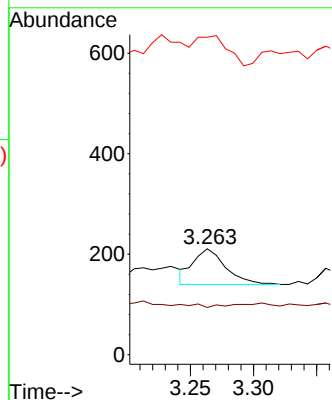
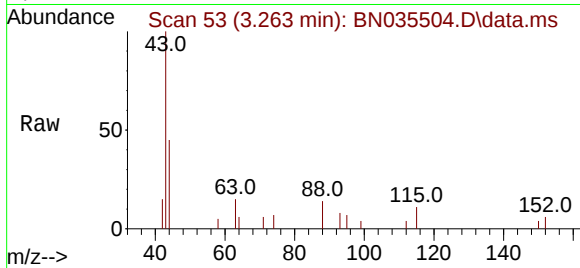




#3
n-Nitrosodimethylamine
Concen: 0.071 ng
RT: 3.263 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

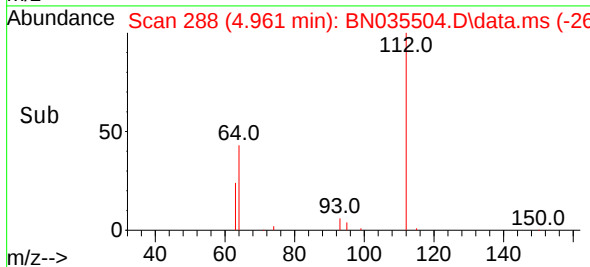
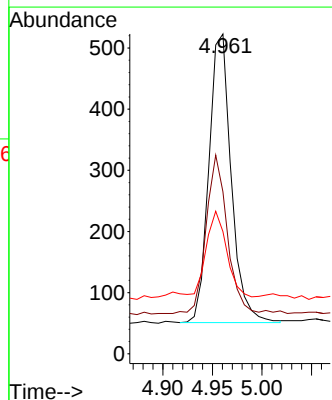
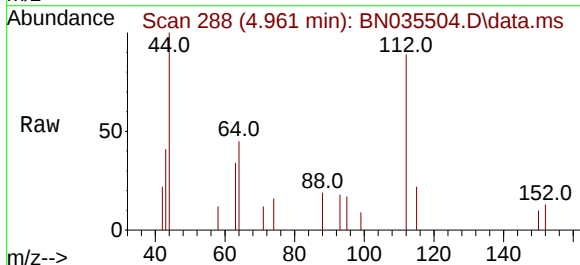
Instrument :
BNA_N
ClientSampleId :
DSN002

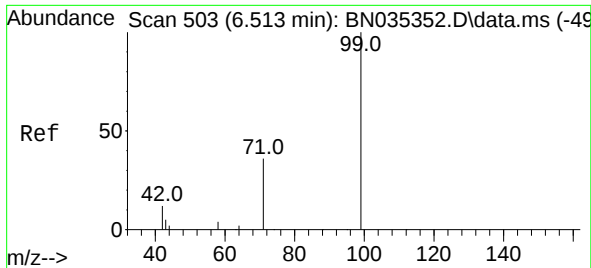
Tgt Ion: 42 Resp: 126
Ion Ratio Lower Upper
42 100
74 0.0 124.9 187.3#
44 80.2 2.2 3.4#



#4
2-Fluorophenol
Concen: 0.132 ng
RT: 4.961 min Scan# 288
Delta R.T. -0.007 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

Tgt Ion: 112 Resp: 740
Ion Ratio Lower Upper
112 100
64 51.4 39.8 59.8
63 28.4 21.0 31.6

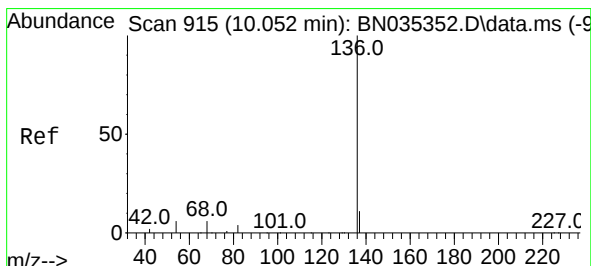
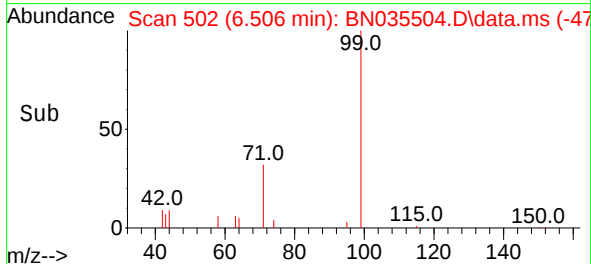
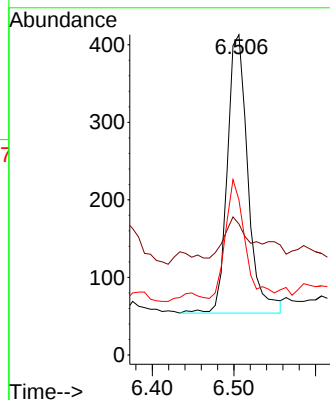
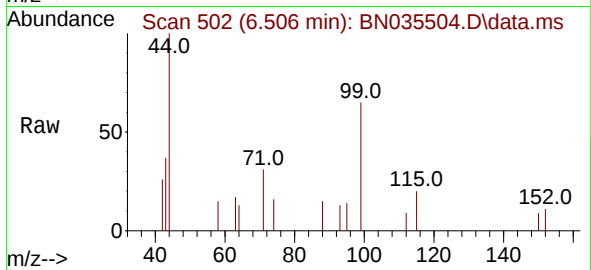




#5
Phenol-d6
Concen: 0.093 ng
RT: 6.506 min Scan# 503
Delta R.T. -0.007 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

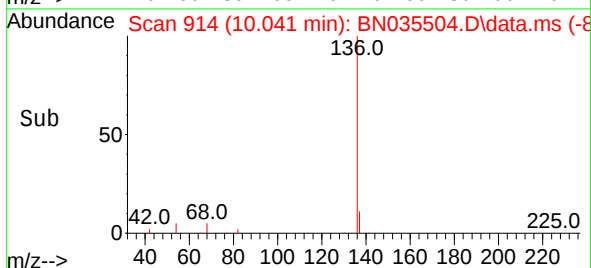
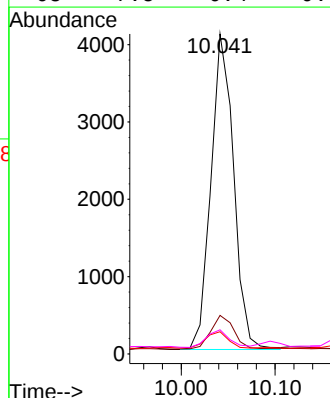
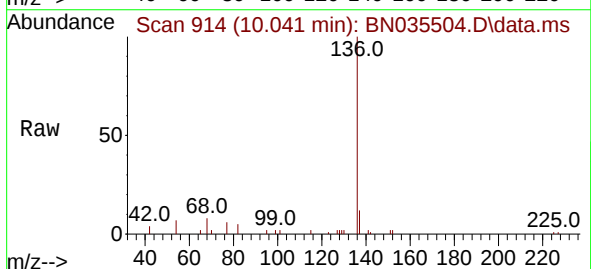
Instrument :
BNA_N
ClientSampleId :
DSN002

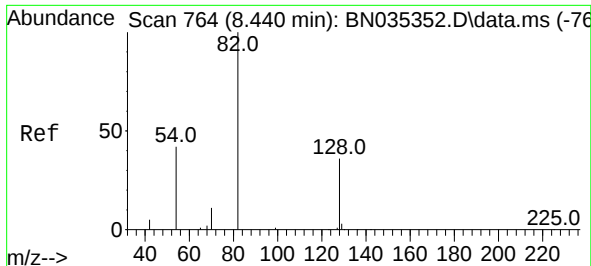
Tgt Ion: 99 Resp: 628
Ion Ratio Lower Upper
99 100
42 16.9 11.4 17.2
71 40.0 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

Tgt Ion: 136 Resp: 6847
Ion Ratio Lower Upper
136 100
137 12.1 10.2 15.2
54 7.0 6.1 9.1
68 7.5 6.4 9.6

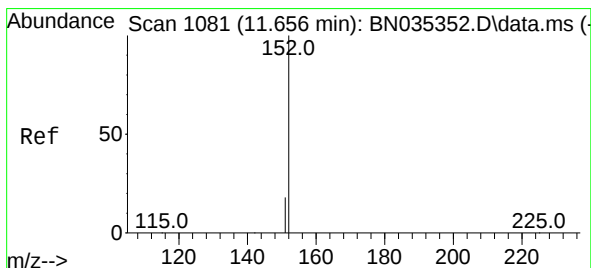
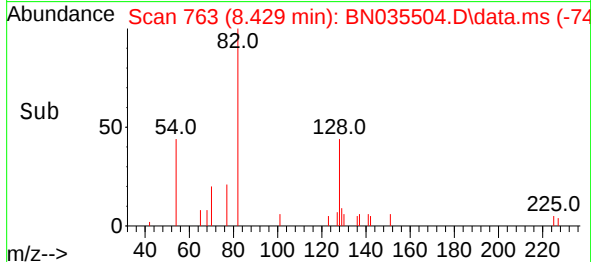
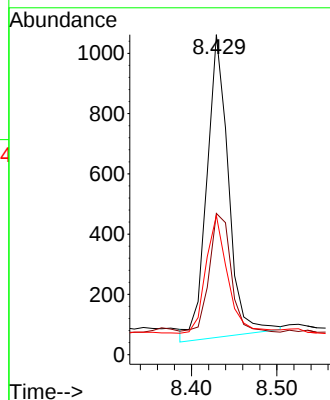
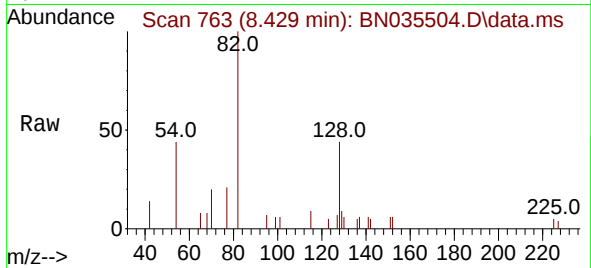




#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 8.429 min Scan# 764
Delta R.T. -0.011 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

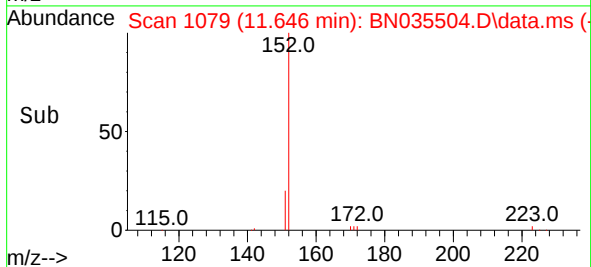
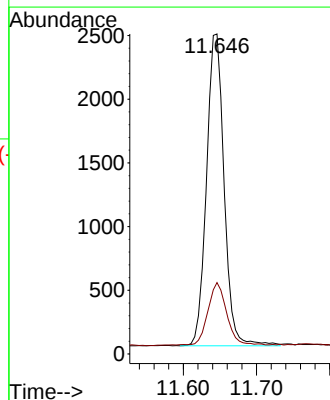
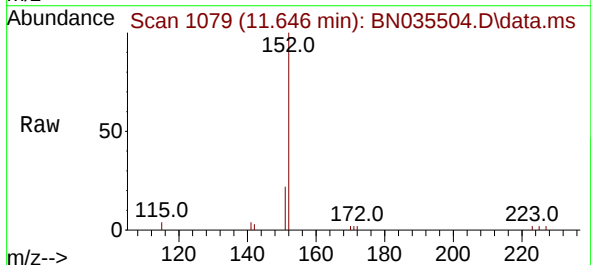
Instrument :
BNA_N
ClientSampleId :
DSN002

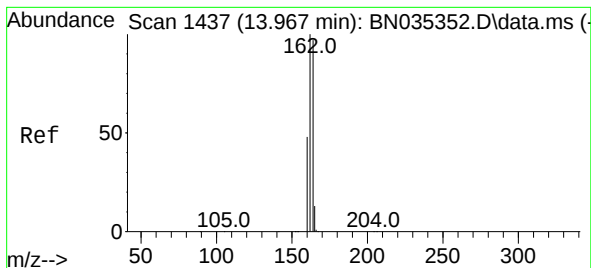
Tgt Ion: 82 Resp: 1768
Ion Ratio Lower Upper
82 100
128 44.2 33.4 50.0
54 43.5 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 11.646 min Scan# 1079
Delta R.T. -0.010 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

Tgt Ion:152 Resp: 4098
Ion Ratio Lower Upper
152 100
151 22.1 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.957 min Scan# 1437

Delta R.T. -0.011 min

Lab File: BN035504.D

Acq: 09 Dec 2024 13:28

Instrument :

BNA_N

ClientSampleId :

DSN002

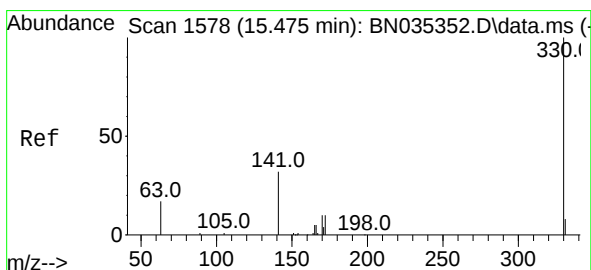
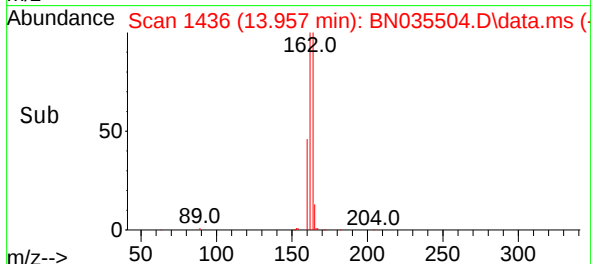
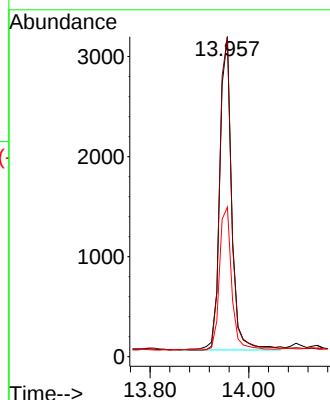
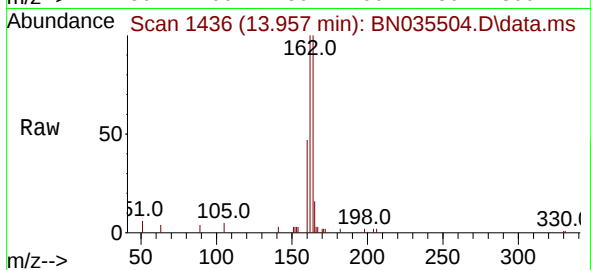
Tgt Ion:164 Resp: 5238

Ion Ratio Lower Upper

164 100

162 99.9 82.2 123.2

160 46.7 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.296 ng

RT: 15.464 min Scan# 1577

Delta R.T. -0.011 min

Lab File: BN035504.D

Acq: 09 Dec 2024 13:28

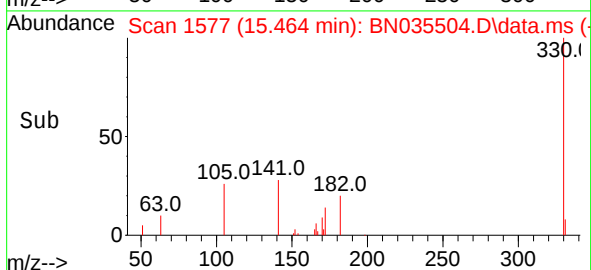
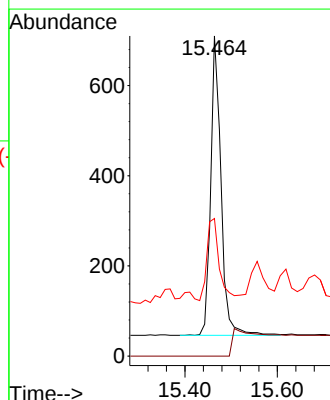
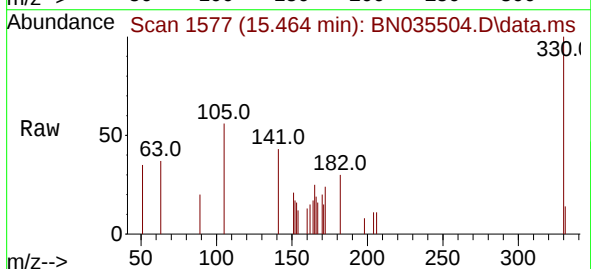
Tgt Ion:330 Resp: 1101

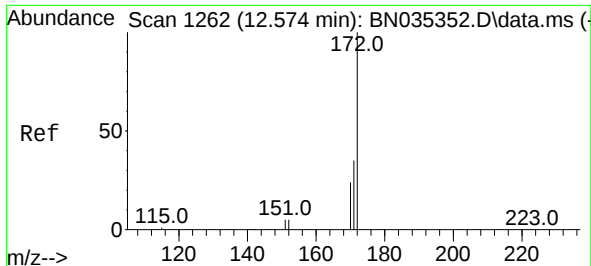
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.8 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.368 ng

RT: 12.564 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN035504.D

Acq: 09 Dec 2024 13:28

Instrument :

BNA_N

ClientSampleId :

DSN002

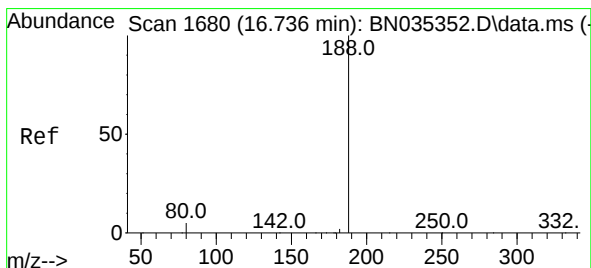
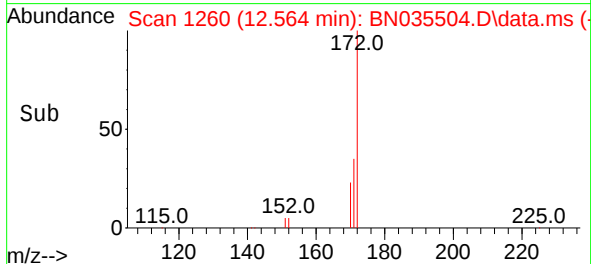
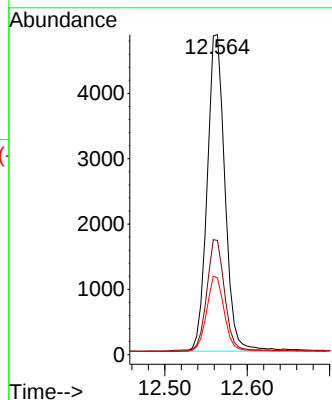
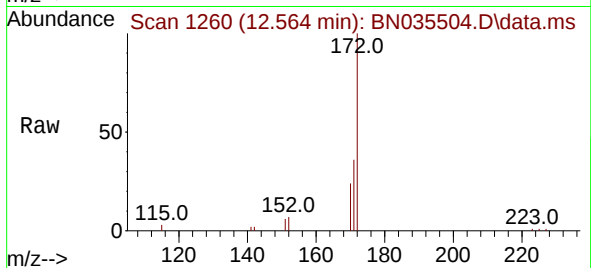
Tgt Ion:172 Resp: 7278

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

170 23.9 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.723 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BN035504.D

Acq: 09 Dec 2024 13:28

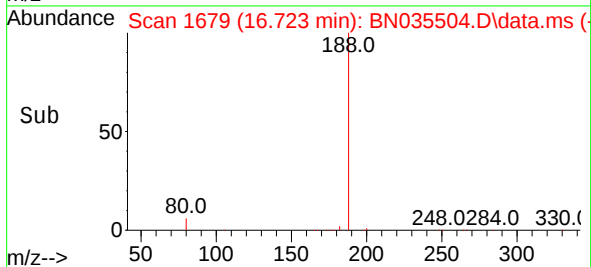
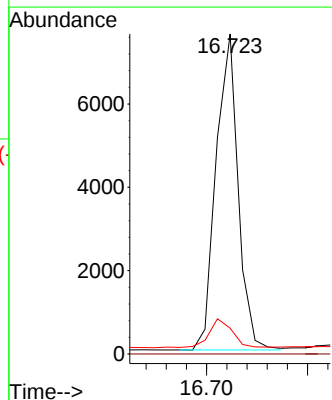
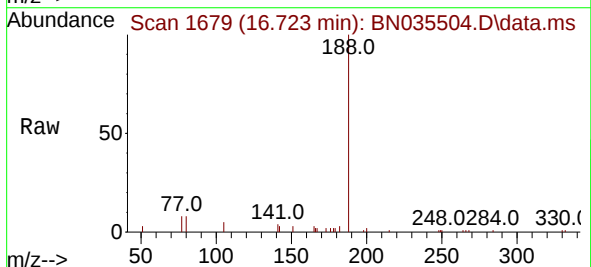
Tgt Ion:188 Resp: 11517

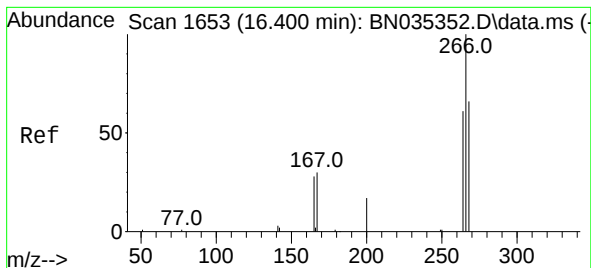
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 4.6 6.8#





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.388 min Scan# 1652

Delta R.T. -0.012 min

Lab File: BN035504.D

Acq: 09 Dec 2024 13:28

Instrument :

BNA_N

ClientSampleId :

DSN002

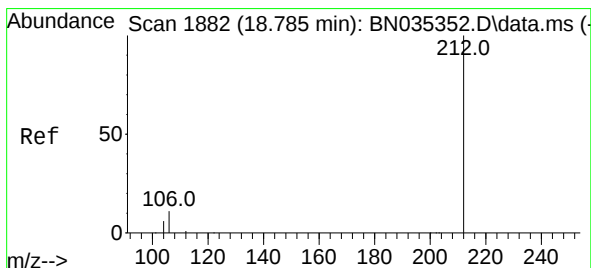
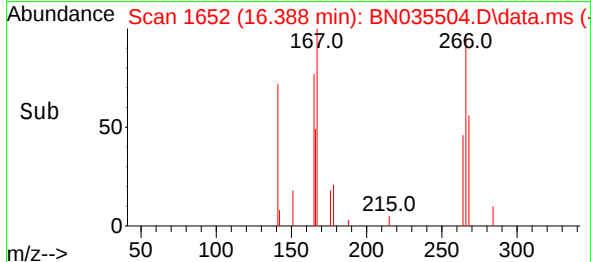
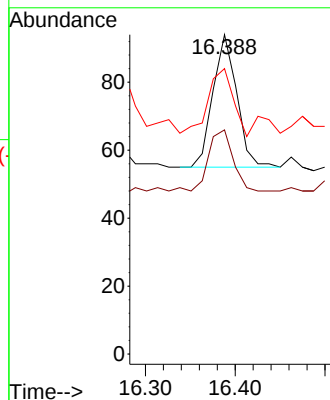
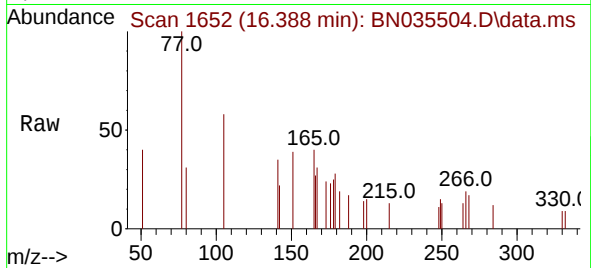
Tgt Ion:266 Resp: 72

Ion Ratio Lower Upper

266 100

264 47.2 42.3 63.5

268 54.2 43.3 64.9



#27

Fluoranthene-d10

Concen: 0.419 ng

RT: 18.775 min Scan# 1880

Delta R.T. -0.009 min

Lab File: BN035504.D

Acq: 09 Dec 2024 13:28

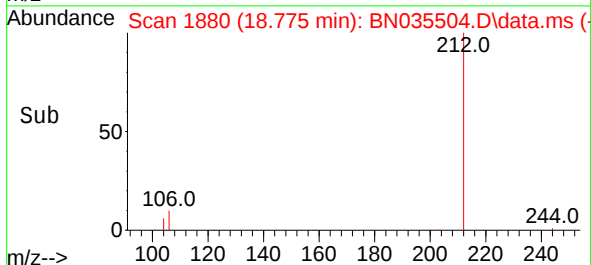
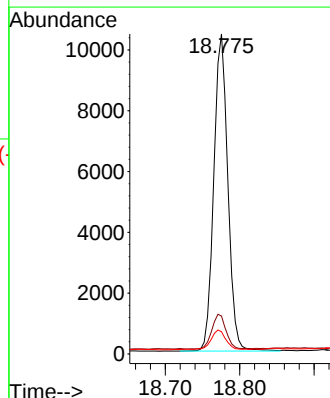
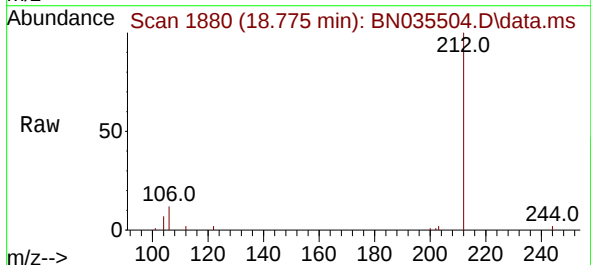
Tgt Ion:212 Resp: 13668

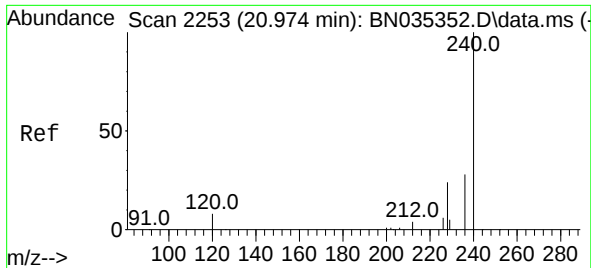
Ion Ratio Lower Upper

212 100

106 11.1 9.2 13.8

104 6.8 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.965 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035504.D

Acq: 09 Dec 2024 13:28

Instrument :

BNA_N

ClientSampleId :

DSN002

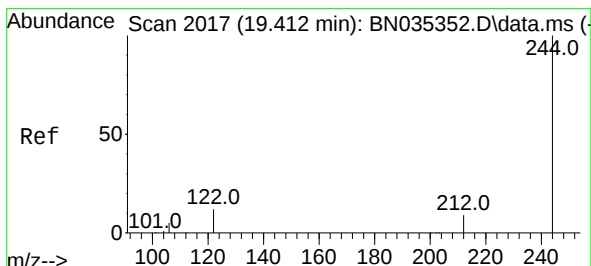
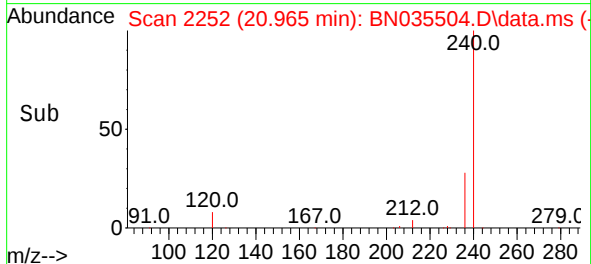
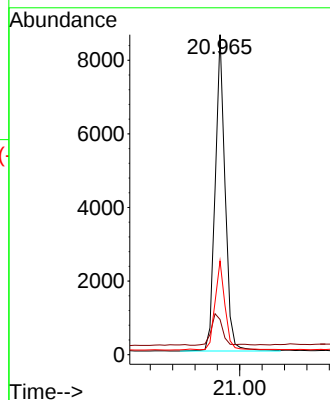
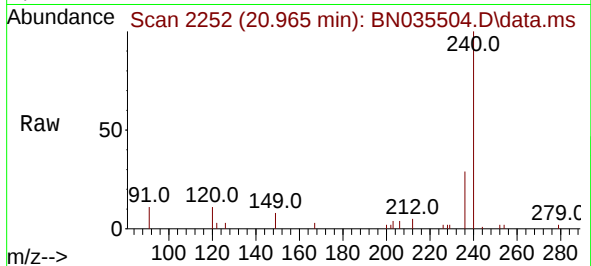
Tgt Ion:240 Resp: 10597

Ion Ratio Lower Upper

240 100

120 11.0 7.9 11.9

236 29.3 22.9 34.3



#31

Terphenyl-d14

Concen: 0.541 ng

RT: 19.402 min Scan# 2015

Delta R.T. -0.009 min

Lab File: BN035504.D

Acq: 09 Dec 2024 13:28

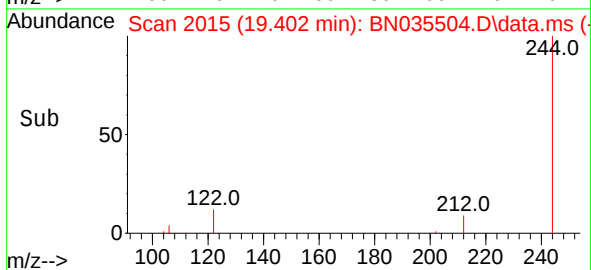
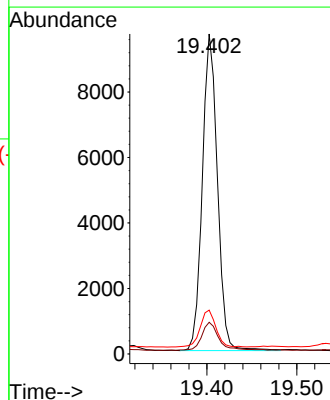
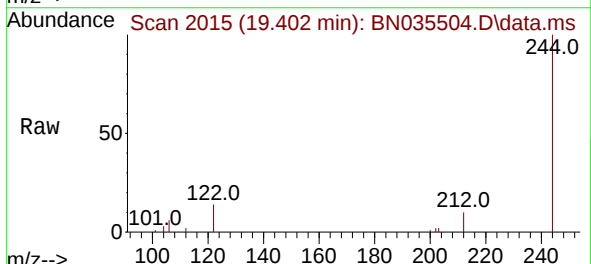
Tgt Ion:244 Resp: 11304

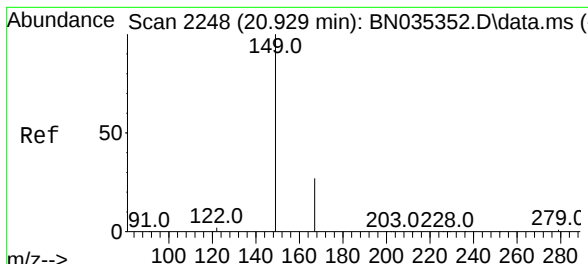
Ion Ratio Lower Upper

244 100

212 9.9 8.1 12.1

122 13.7 10.3 15.5

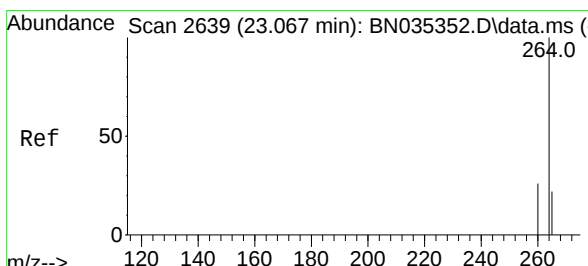
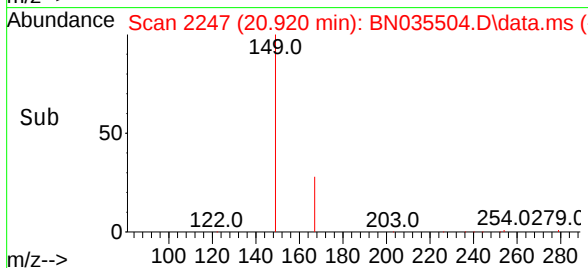
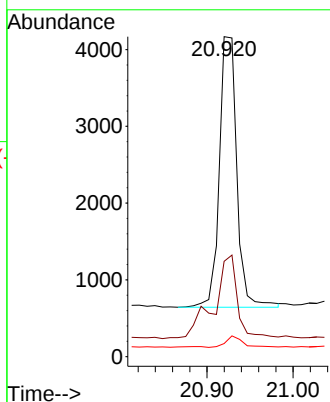
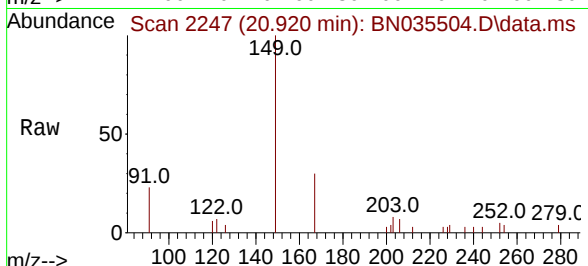




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.338 ng
RT: 20.920 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

Instrument :
BNA_N
ClientSampleId :
DSN002

Tgt Ion:149 Resp: 4948
Ion Ratio Lower Upper
149 100
167 40.1 22.2 33.4#
279 4.3 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.059 min Scan# 2636
Delta R.T. -0.009 min
Lab File: BN035504.D
Acq: 09 Dec 2024 13:28

Tgt Ion:264 Resp: 10178
Ion Ratio Lower Upper
264 100
260 27.3 21.4 32.2
265 54.1 40.2 60.4

