

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032565.D
 Acq On : 09 Jul 2024 00:39
 Operator : MA/JU
 Sample : PB161896BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161896BL

Quant Time: Jul 09 03:13:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

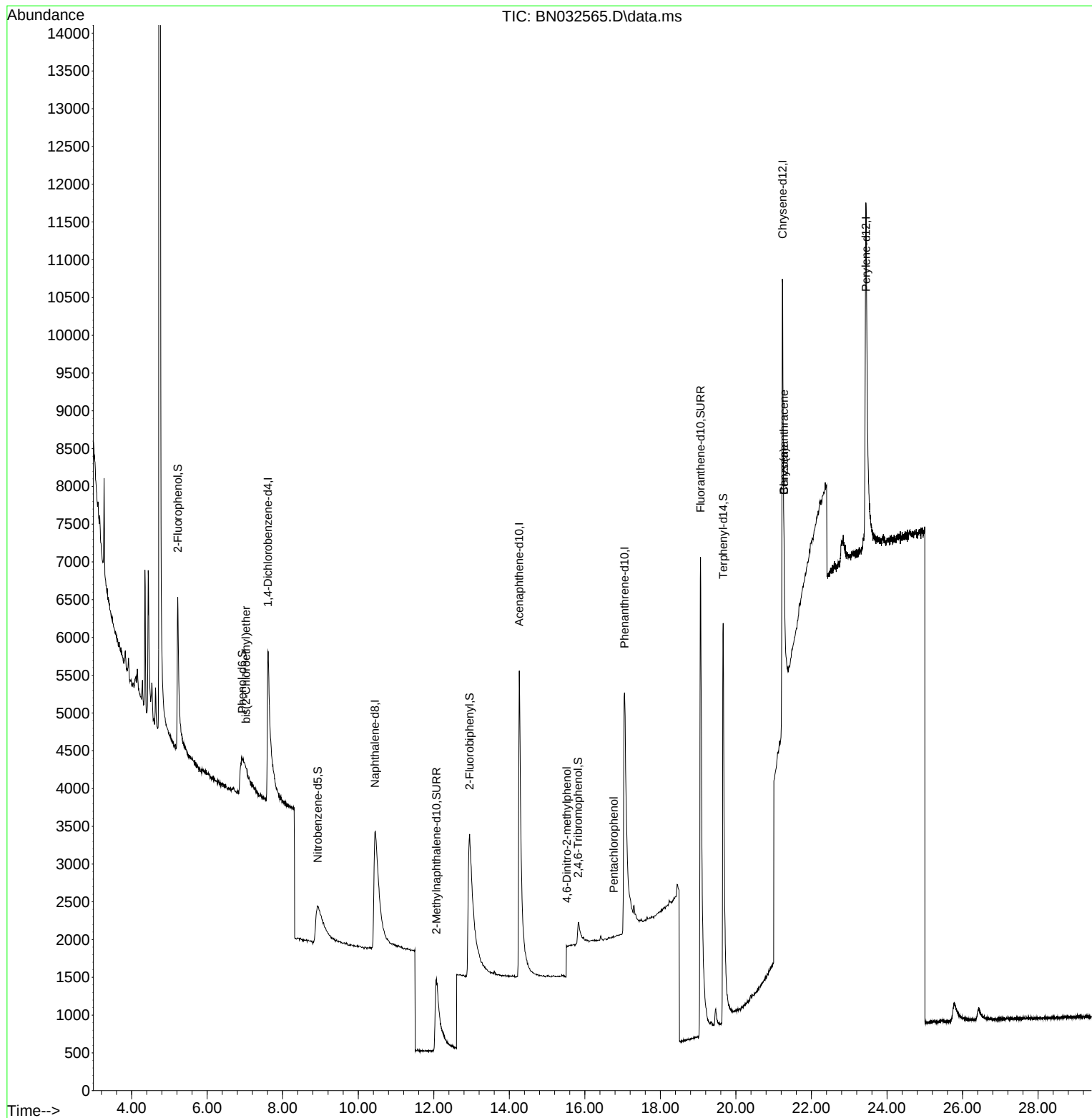
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	2925	0.400	ng	0.02
7) Naphthalene-d8	10.442	136	8927	0.400	ng	# 0.06
13) Acenaphthene-d10	14.263	164	6937	0.400	ng	0.03
19) Phenanthrene-d10	17.053	188	14116	0.400	ng	# 0.05
29) Chrysene-d12	21.238	240	13062	0.400	ng	# 0.03
35) Perylene-d12	23.443	264	12388	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	3789	0.513	ng	0.00
5) Phenol-d6	6.924	99	2461	0.260	ng	0.10
8) Nitrobenzene-d5	8.926	82	1870	0.281	ng	0.13
11) 2-Methylnaphthalene-d10	12.069	152	2481	0.176	ng	0.09
14) 2,4,6-Tribromophenol	15.825	330	451	0.143	ng	0.06
15) 2-Fluorobiphenyl	12.948	172	6930	0.271	ng	0.09
27) Fluoranthene-d10	19.063	212	17059	0.464	ng	0.02
31) Terphenyl-d14	19.662	244	12234	0.384	ng	0.01
Target Compounds						
6) bis(2-Chloroethyl)ether	7.025	93	16	0.088	ng	# 52
20) 4,6-Dinitro-2-methylph...	15.527	198	6	0.200	ng	# 1
24) Pentachlorophenol	16.768	266	5	0.169	ng	# 1
32) Benzo(a)anthracene	21.274	228	1200	0.028	ng	# 66
33) Chrysene	21.274	228	1518	0.030	ng	# 71

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

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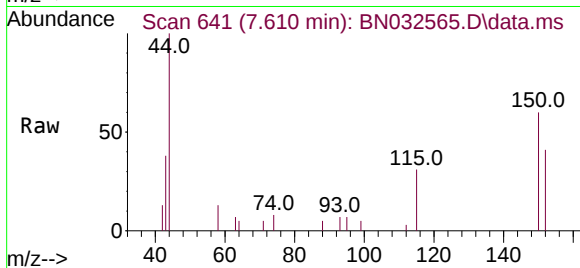
Quant Time: Jul 09 03:13:34 2024
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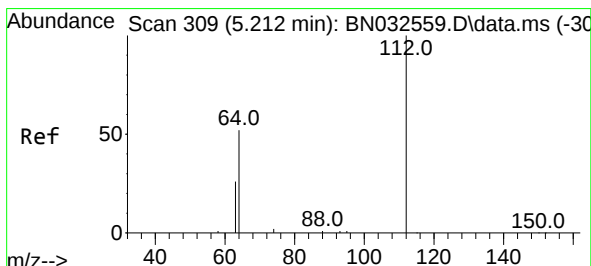
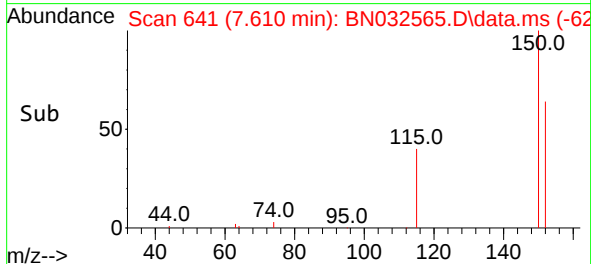
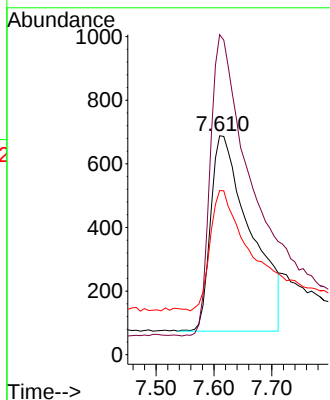


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.610 min Scan# 641
Delta R.T. 0.022 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

Instrument :
BNA_N
ClientSampleId :
PB161896BL

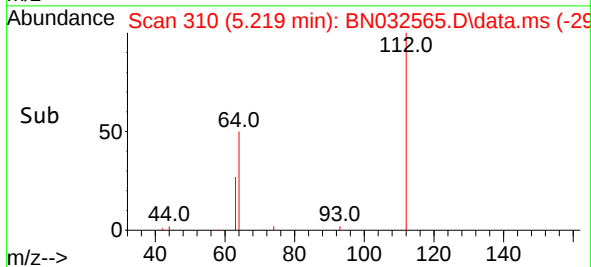
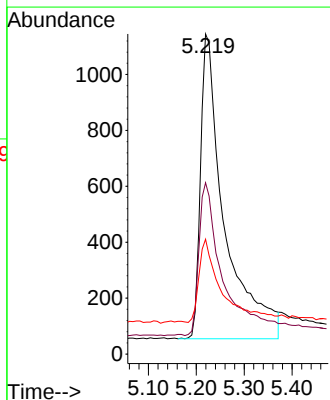
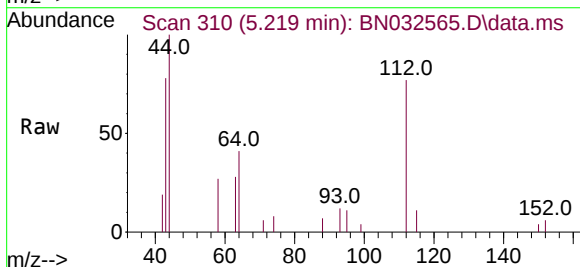


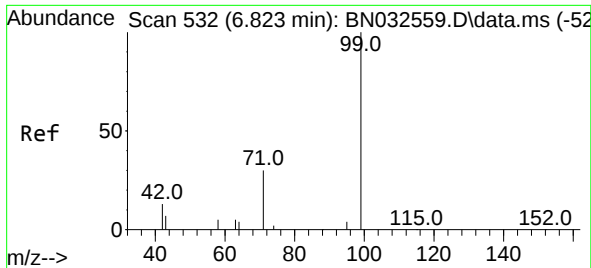
Tgt Ion:152 Resp: 2925
Ion Ratio Lower Upper
152 100
150 146.2 121.6 182.4
115 75.0 53.1 79.7



#4
2-Fluorophenol
Concen: 0.513 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

Tgt Ion:112 Resp: 3789
Ion Ratio Lower Upper
112 100
64 50.7 41.2 61.8
63 26.2 21.6 32.4





#5

Phenol-d6

Concen: 0.260 ng

RT: 6.924 min Scan# 546

Delta R.T. 0.101 min

Lab File: BN032565.D

Acq: 09 Jul 2024 00:39

Instrument :

BNA_N

ClientSampleId :

PB161896BL

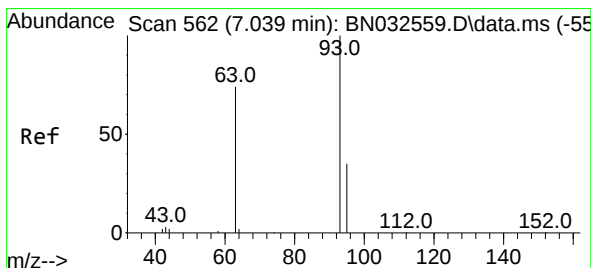
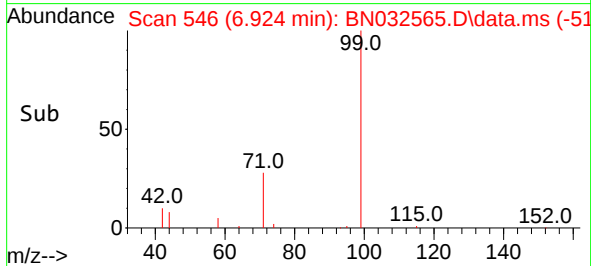
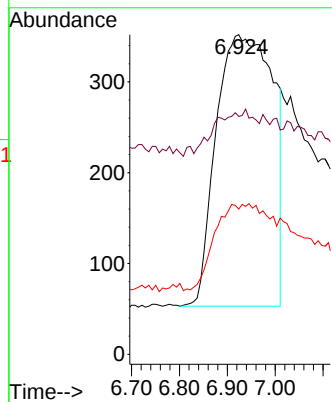
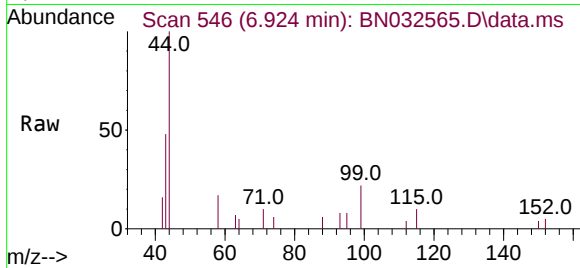
Tgt Ion: 99 Resp: 2461

Ion Ratio Lower Upper

99 100

42 0.0 10.6 16.0#

71 13.8 25.2 37.8#



#6

bis(2-Chloroethyl)ether

Concen: 0.088 ng

RT: 7.025 min Scan# 560

Delta R.T. -0.014 min

Lab File: BN032565.D

Acq: 09 Jul 2024 00:39

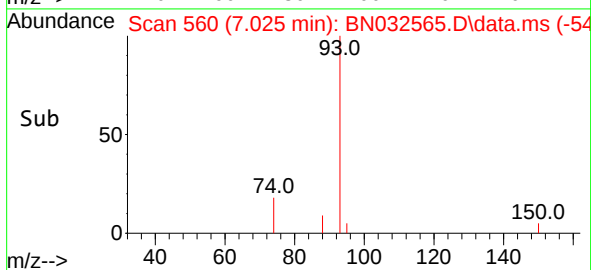
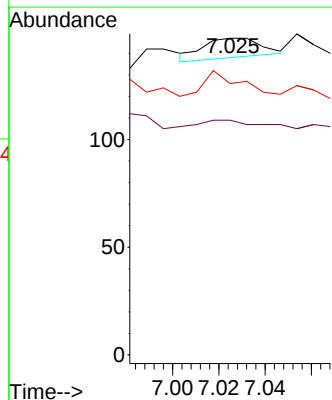
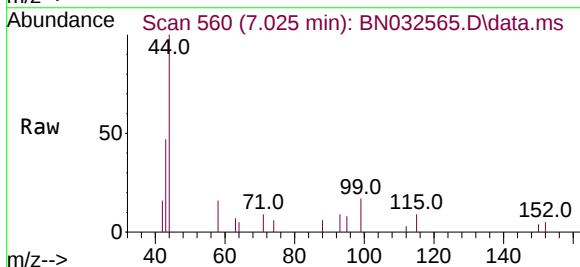
Tgt Ion: 93 Resp: 16

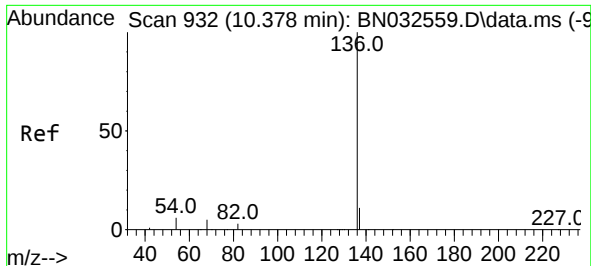
Ion Ratio Lower Upper

93 100

63 43.8 54.1 81.1#

95 87.5 30.5 45.7#

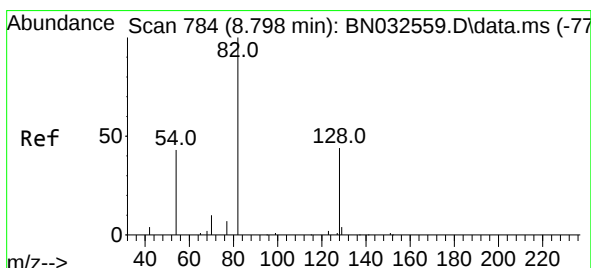
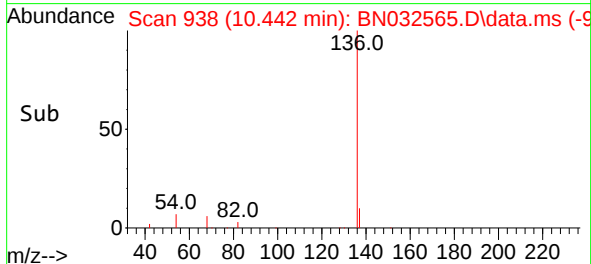
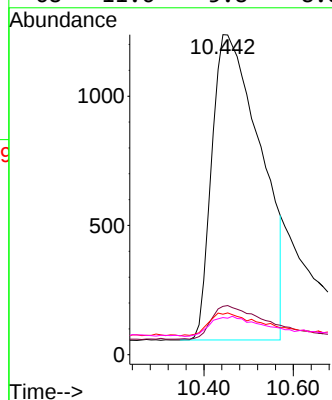
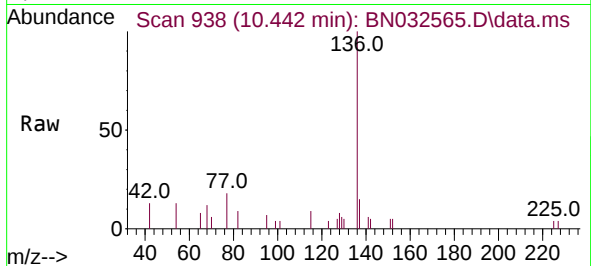




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.442 min Scan# 91
Delta R.T. 0.064 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

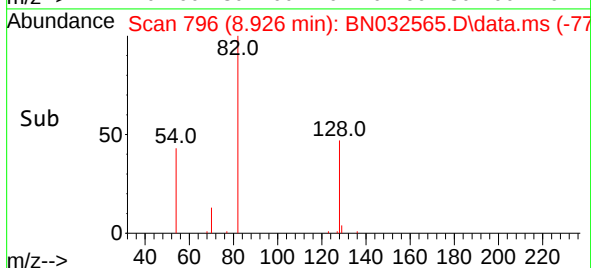
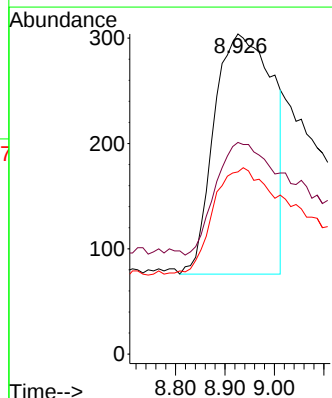
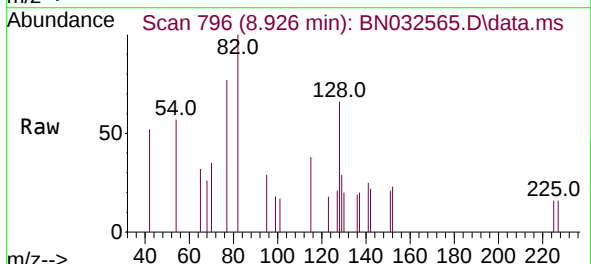
Instrument :
BNA_N
ClientSampleId :
PB161896BL

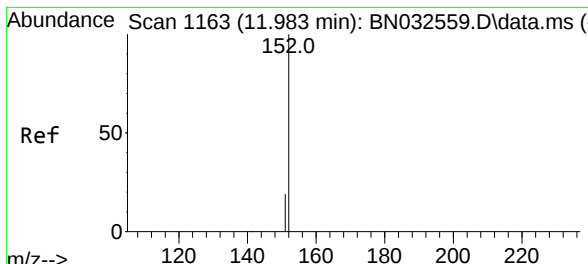
Tgt Ion:	136	Resp:	8927
Ion	Ratio	Lower	Upper
136	100		
137	15.1	10.0	15.0#
54	12.7	6.6	9.8#
68	11.6	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.926 min Scan# 796
Delta R.T. 0.128 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

Tgt Ion:	82	Resp:	1870
Ion	Ratio	Lower	Upper
82	100		
128	66.1	43.4	65.2#
54	56.9	40.2	60.2

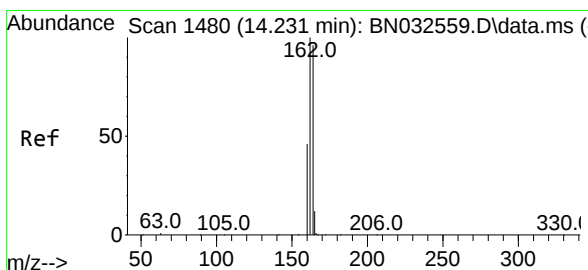
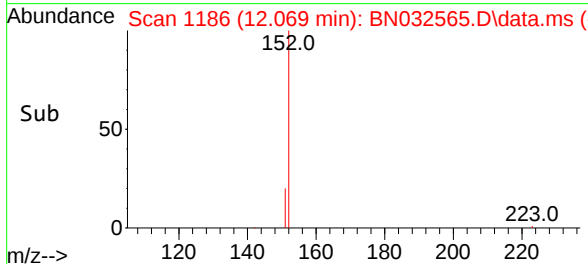
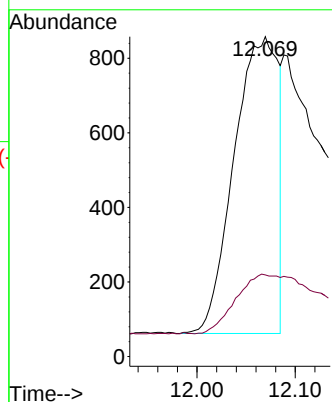
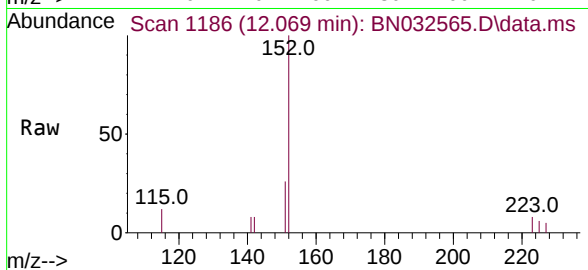




#11
2-Methylnaphthalene-d10
Concen: 0.176 ng
RT: 12.069 min Scan# 1163
Delta R.T. 0.087 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

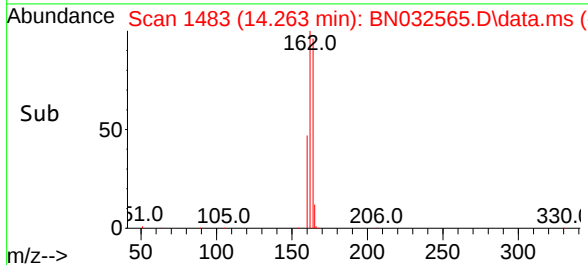
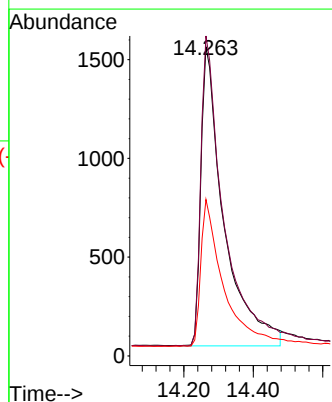
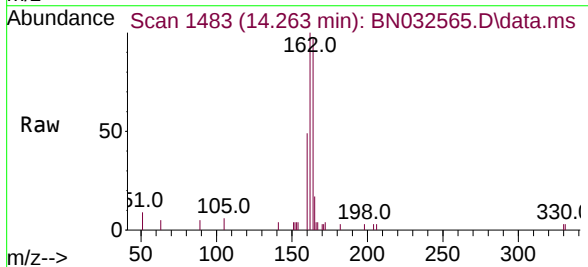
Instrument :
BNA_N
ClientSampleId :
PB161896BL

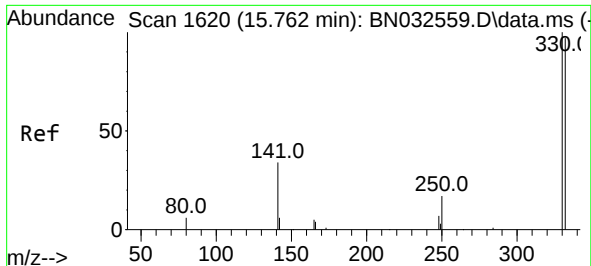
Tgt Ion:152 Resp: 2481
Ion Ratio Lower Upper
152 100
151 41.1 16.4 24.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.263 min Scan# 1483
Delta R.T. 0.032 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

Tgt Ion:164 Resp: 6937
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 50.6 38.6 57.8

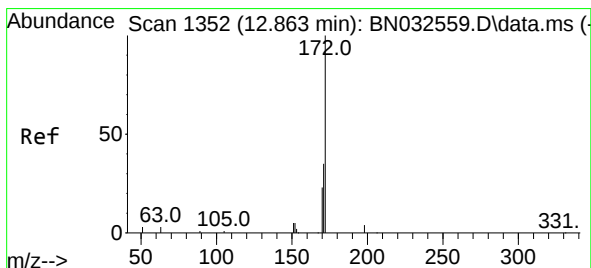
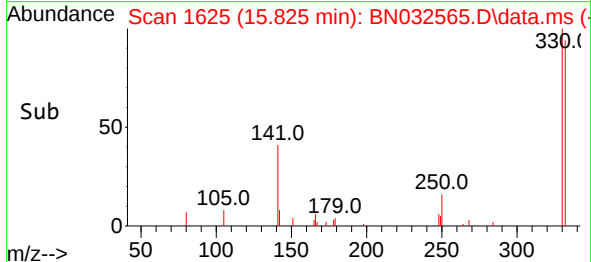
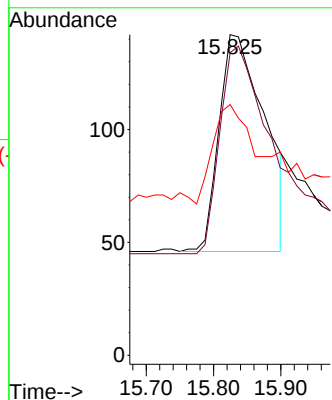
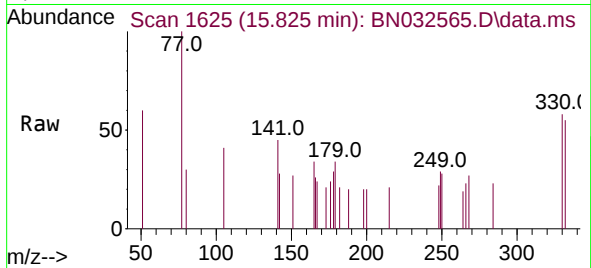




#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 15.825 min Scan# 1
Delta R.T. 0.062 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

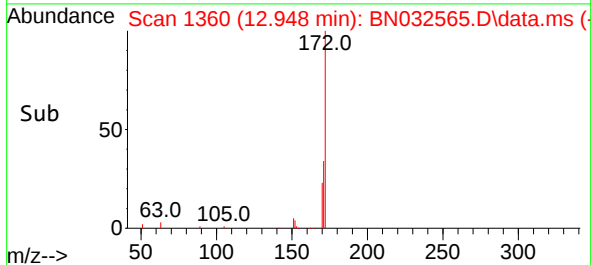
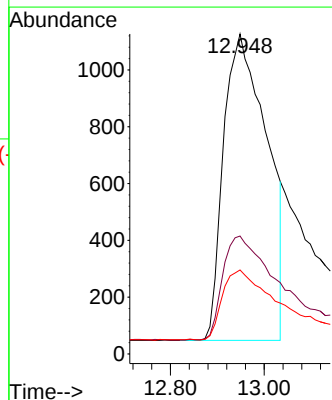
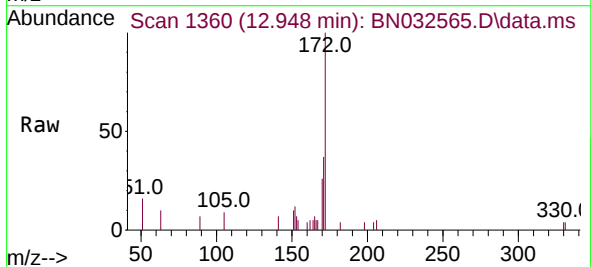
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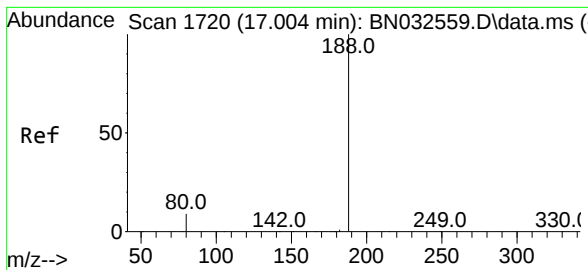
Tgt Ion:330 Resp: 451
Ion Ratio Lower Upper
330 100
332 94.7 77.7 116.5
141 42.8 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.948 min Scan# 1360
Delta R.T. 0.086 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

Tgt Ion:172 Resp: 6930
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 26.3 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.053 min Scan# 1

Delta R.T. 0.050 min

Lab File: BN032565.D

Acq: 09 Jul 2024 00:39

Instrument :

BNA_N

ClientSampleId :

PB161896BL

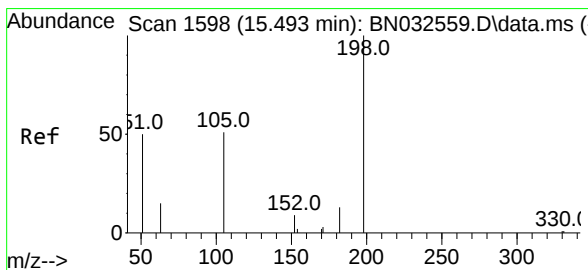
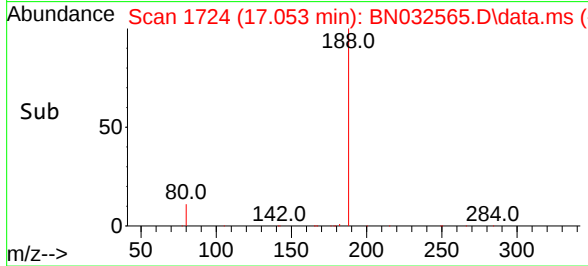
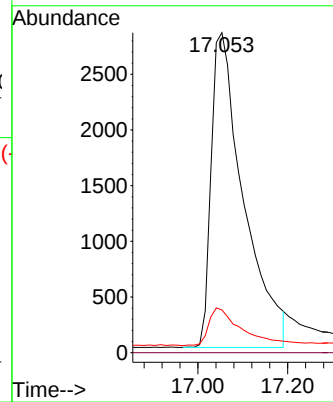
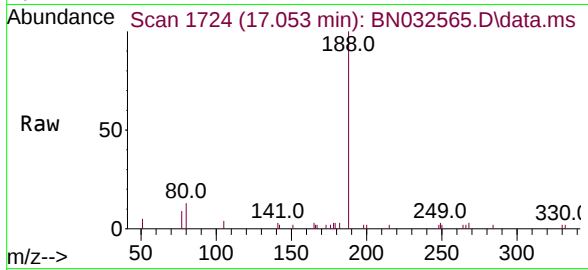
Tgt Ion:188 Resp: 14116

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 7.8 11.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.200 ng

RT: 15.527 min Scan# 1601

Delta R.T. 0.034 min

Lab File: BN032565.D

Acq: 09 Jul 2024 00:39

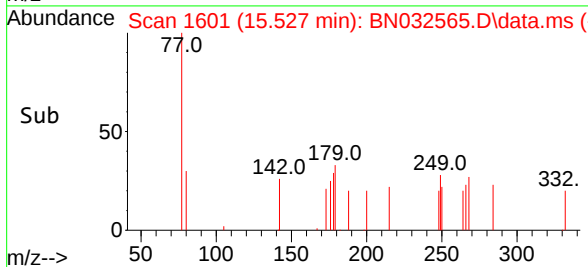
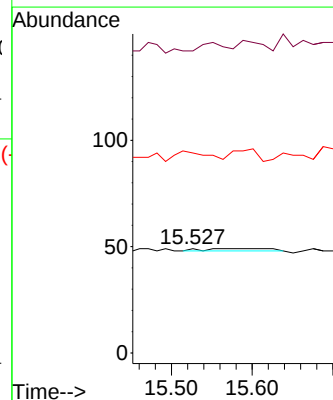
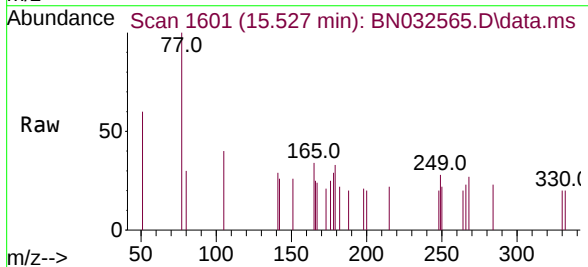
Tgt Ion:198 Resp: 6

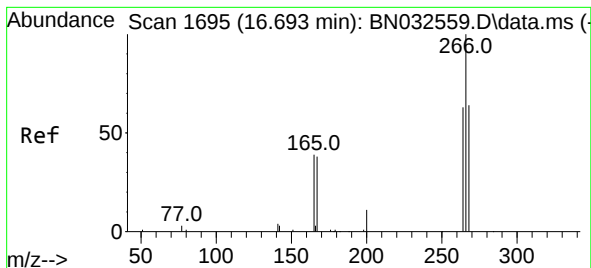
Ion Ratio Lower Upper

198 100

51 289.8 123.4 185.2#

105 191.8 79.5 119.3#





#24

Pentachlorophenol

Concen: 0.169 ng

RT: 16.768 min Scan# 1

Delta R.T. 0.075 min

Lab File: BN032565.D

Acq: 09 Jul 2024 00:39

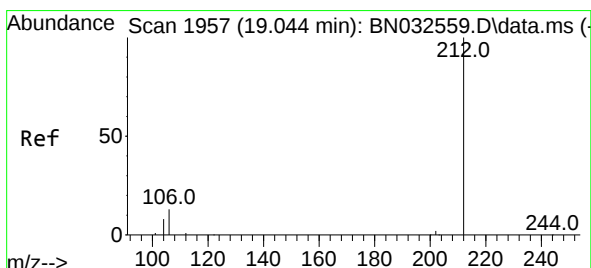
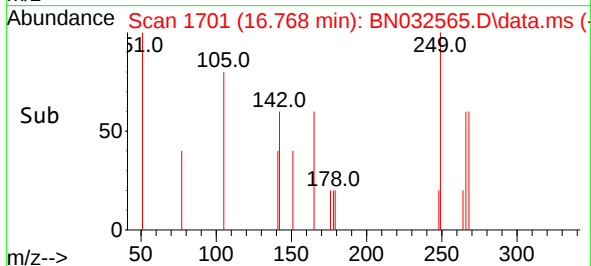
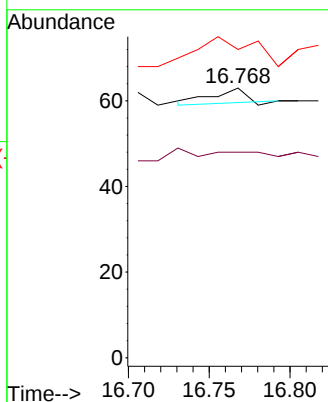
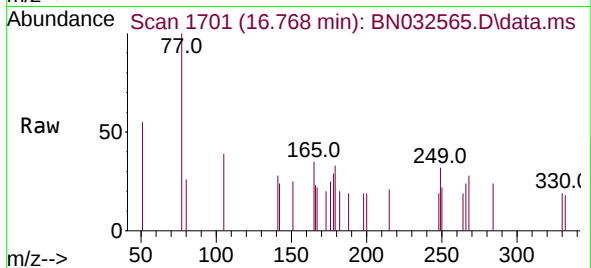
Instrument :

BNA_N

ClientSampleId :

PB161896BL

Tgt Ion:266	Resp:	5
Ion Ratio	Lower	Upper
266	100	
264	0.0	49.6 74.4#
268	340.0	52.2 78.2#



#27

Fluoranthene-d10

Concen: 0.464 ng

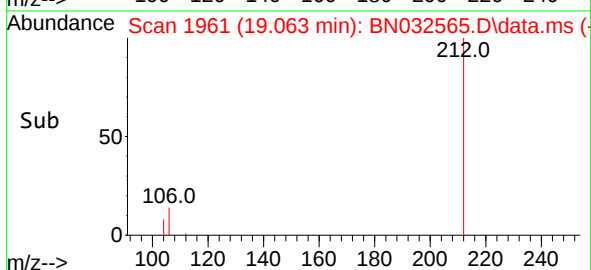
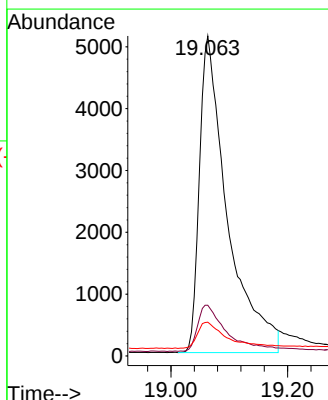
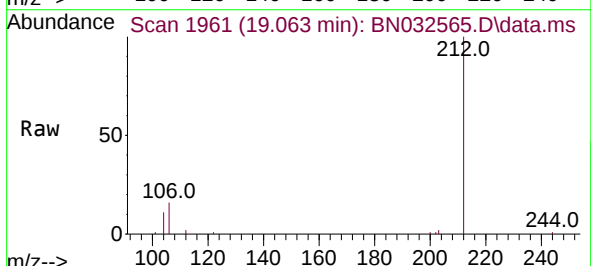
RT: 19.063 min Scan# 1961

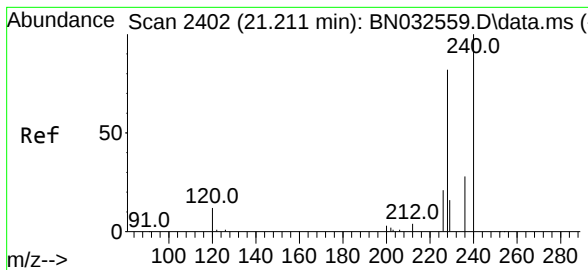
Delta R.T. 0.019 min

Lab File: BN032565.D

Acq: 09 Jul 2024 00:39

Tgt Ion:212	Resp:	17059
Ion Ratio	Lower	Upper
212	100	
106	15.1	11.8 17.8
104	8.9	6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.238 min Scan# 2405

Delta R.T. 0.027 min

Lab File: BN032565.D

Acq: 09 Jul 2024 00:39

Instrument :

BNA_N

ClientSampleId :

PB161896BL

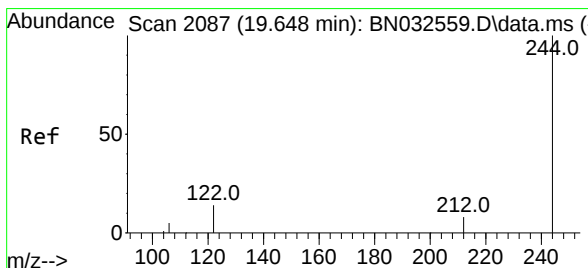
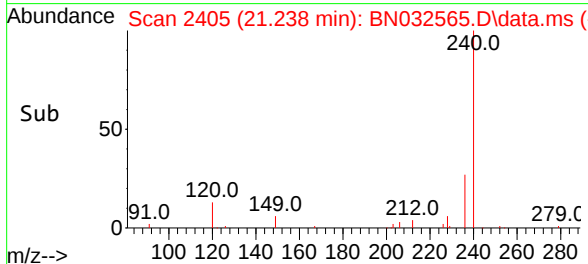
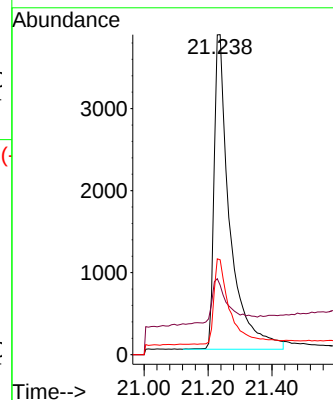
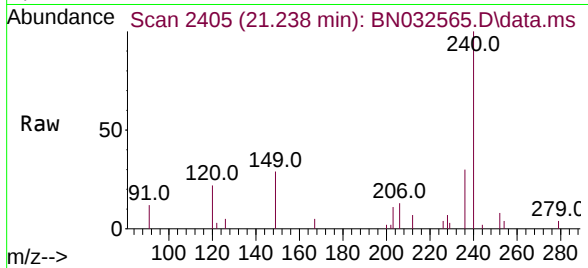
Tgt Ion:240 Resp: 13062

Ion Ratio Lower Upper

240 100

120 21.7 13.0 19.4#

236 29.7 23.1 34.7



#31

Terphenyl-d14

Concen: 0.384 ng

RT: 19.662 min Scan# 2090

Delta R.T. 0.014 min

Lab File: BN032565.D

Acq: 09 Jul 2024 00:39

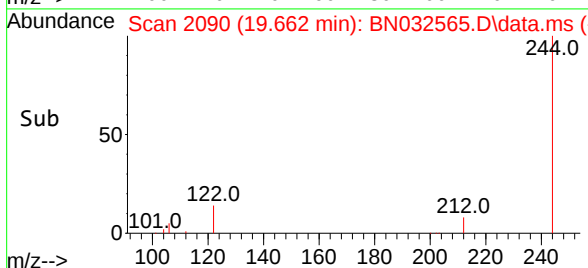
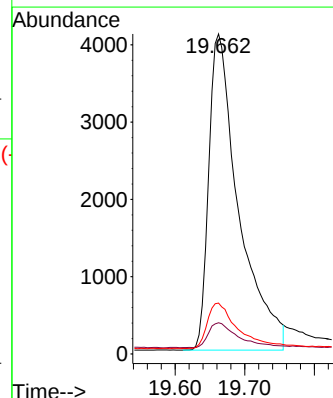
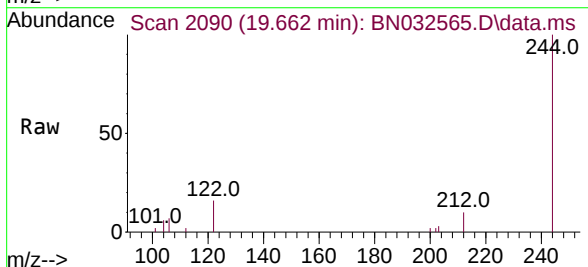
Tgt Ion:244 Resp: 12234

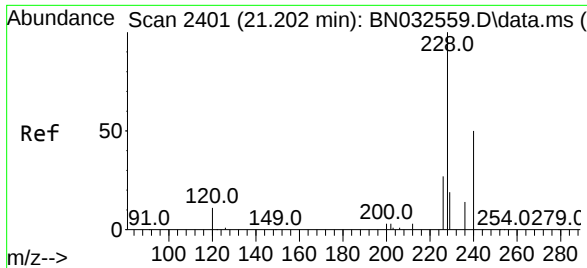
Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

122 15.9 12.1 18.1

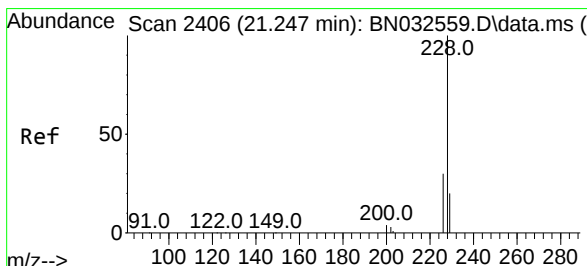
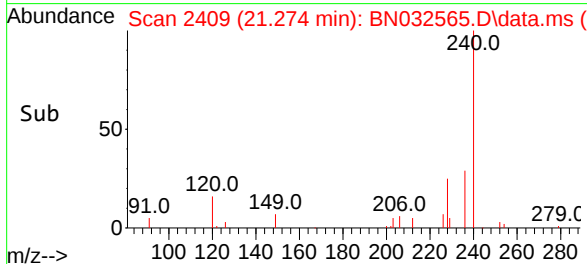
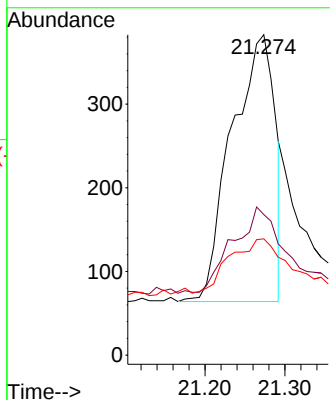
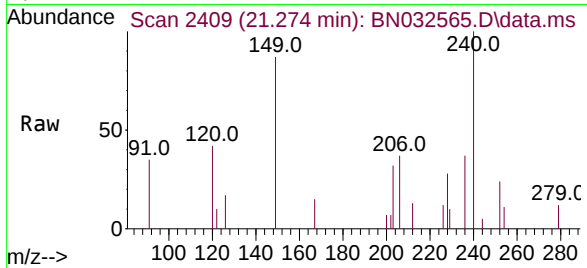




#32
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.274 min Scan# 2409
Delta R.T. 0.072 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

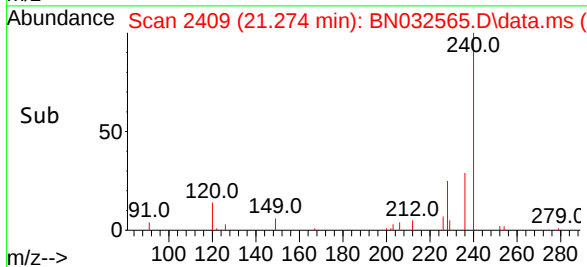
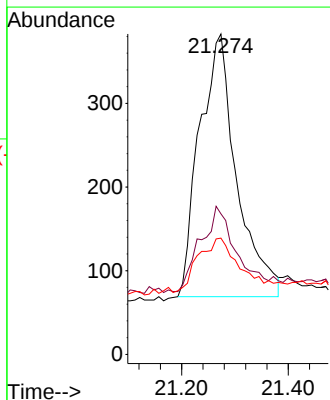
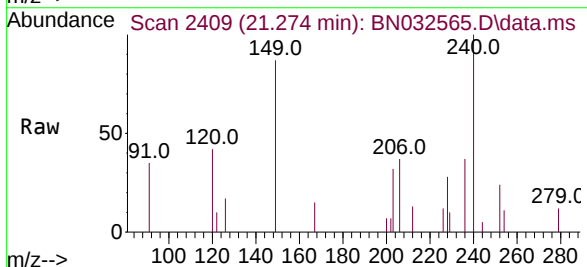
Instrument :
BNA_N
ClientSampleId :
PB161896BL

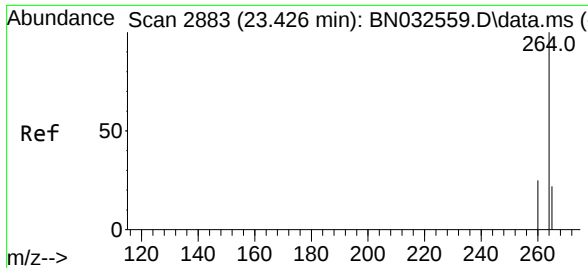
Tgt Ion:228 Resp: 1200
Ion Ratio Lower Upper
228 100
226 43.9 21.7 32.5#
229 36.3 16.0 24.0#



#33
Chrysene
Concen: 0.030 ng
RT: 21.274 min Scan# 2409
Delta R.T. 0.027 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

Tgt Ion:228 Resp: 1518
Ion Ratio Lower Upper
228 100
226 43.9 24.1 36.1#
229 36.3 16.1 24.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.443 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

Instrument :
BNA_N
ClientSampleId :
PB161896BL

Tgt Ion:264 Resp: 12388
Ion Ratio Lower Upper
264 100
260 27.3 21.0 31.6
265 159.1 76.6 115.0#

