

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032595.D
 Acq On : 09 Jul 2024 20:11
 Operator : MA/JU
 Sample : PB161831BL
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161831BL

Quant Time: Jul 10 01:01:58 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)

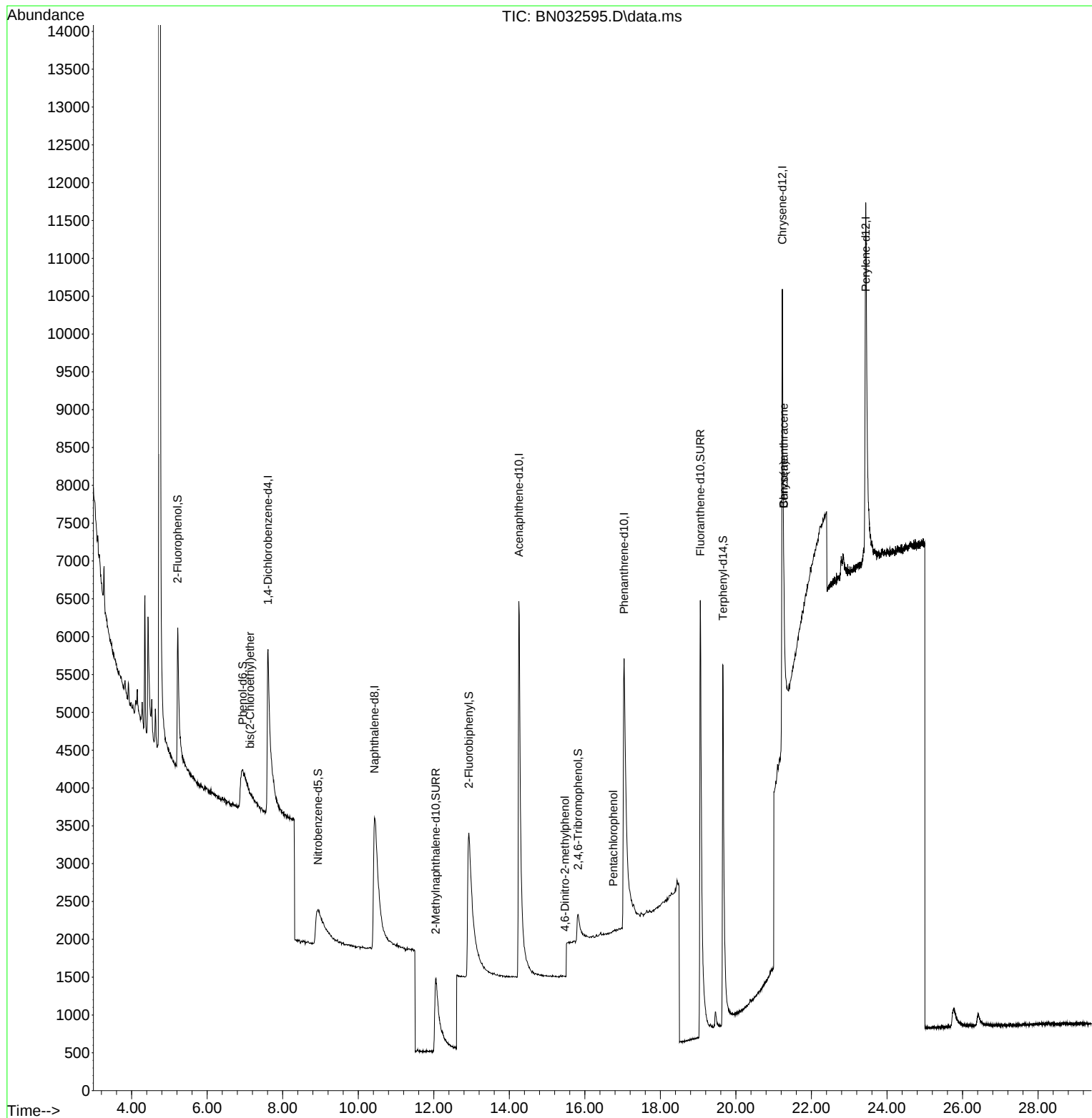
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	3231	0.400	ng	0.02
7) Naphthalene-d8	10.432	136	10134	0.400	ng	# 0.05
13) Acenaphthene-d10	14.253	164	7877	0.400	ng	0.02
19) Phenanthrene-d10	17.041	188	15292	0.400	ng	# 0.04
29) Chrysene-d12	21.229	240	12121	0.400	ng	# 0.02
35) Perylene-d12	23.437	264	11972	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	3681	0.451	ng	0.00
5) Phenol-d6	6.938	99	2359	0.226	ng	0.12
8) Nitrobenzene-d5	8.937	82	1582	0.209	ng	0.14
11) 2-Methylnaphthalene-d10	12.051	152	5747	0.359	ng	0.07
14) 2,4,6-Tribromophenol	15.825	330	551	0.154	ng	0.06
15) 2-Fluorobiphenyl	12.927	172	6993	0.241	ng	0.06
27) Fluoranthene-d10	19.058	212	14935	0.375	ng	0.01
31) Terphenyl-d14	19.658	244	10469	0.354	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.133	93	16	0.088	ng	99
20) 4,6-Dinitro-2-methylph...	15.472	198	6	0.199	ng	# 1
24) Pentachlorophenol	16.756	266	25	0.173	ng	# 26
32) Benzo(a)anthracene	21.265	228	956	0.024	ng	# 65
33) Chrysene	21.265	228	1275	0.027	ng	# 70

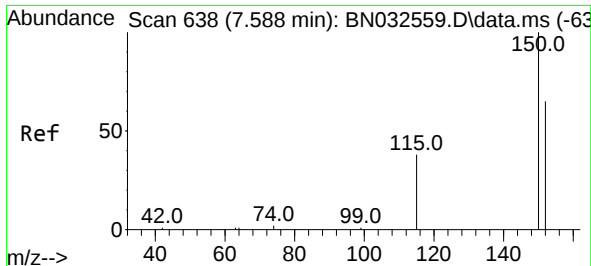
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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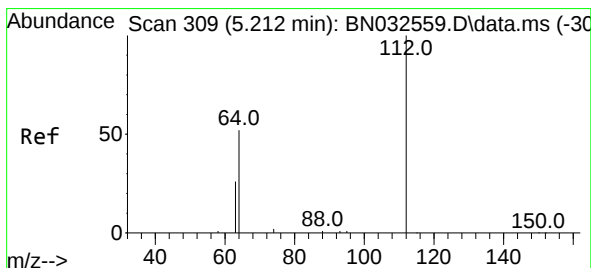
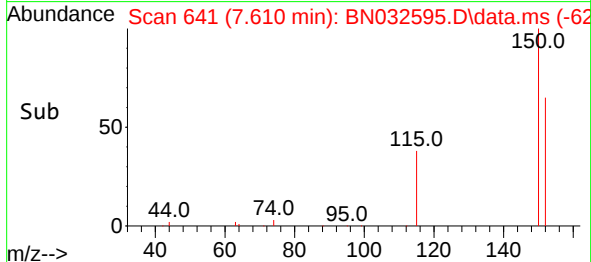
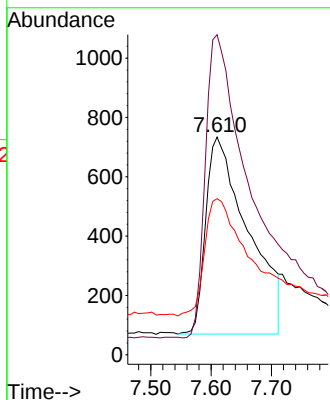
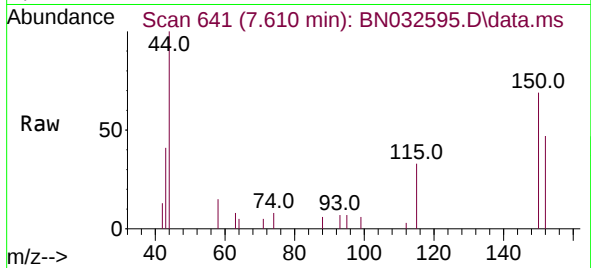




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.610 min Scan# 641
Delta R.T. 0.022 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

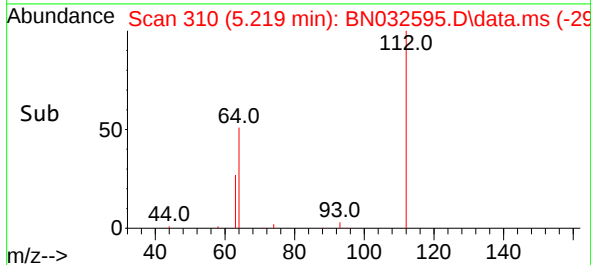
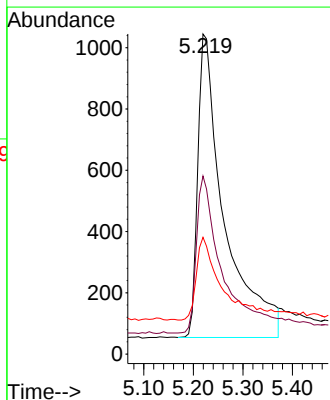
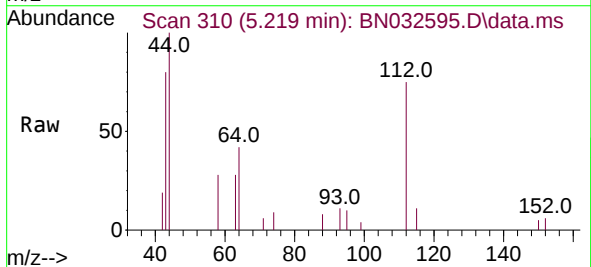
Instrument :
BNA_N
ClientSampleId :
PB161831BL

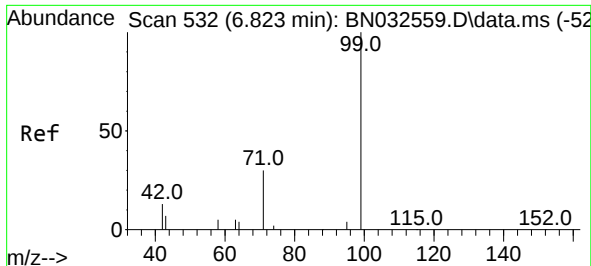
Tgt Ion:152 Resp: 3231
Ion Ratio Lower Upper
152 100
150 147.0 121.6 182.4
115 71.7 53.1 79.7



#4
2-Fluorophenol
Concen: 0.451 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion:112 Resp: 3681
Ion Ratio Lower Upper
112 100
64 51.0 41.2 61.8
63 26.3 21.6 32.4

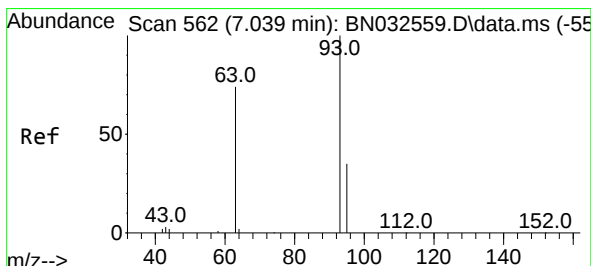
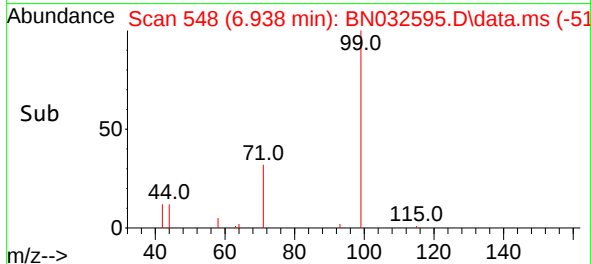
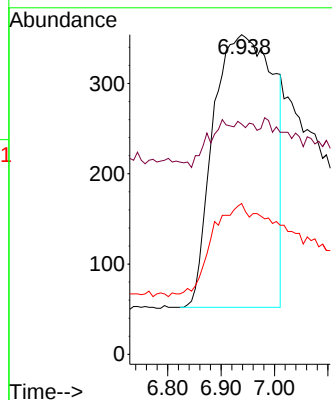
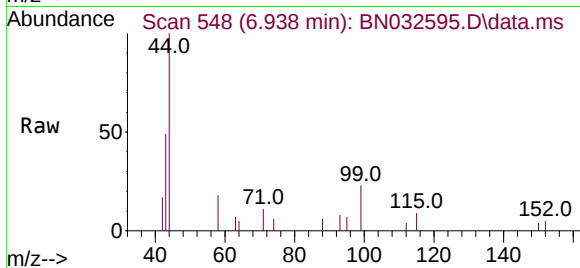




#5
Phenol-d6
Concen: 0.226 ng
RT: 6.938 min Scan# 54
Delta R.T. 0.116 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

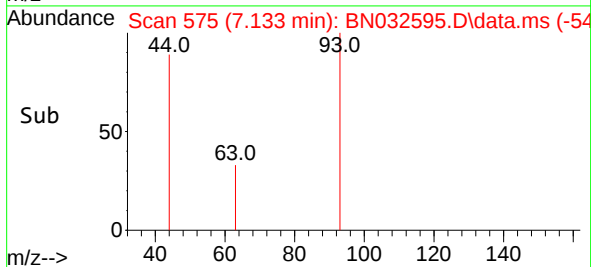
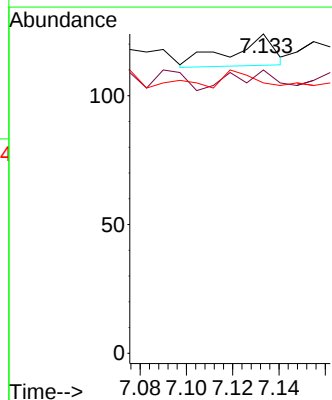
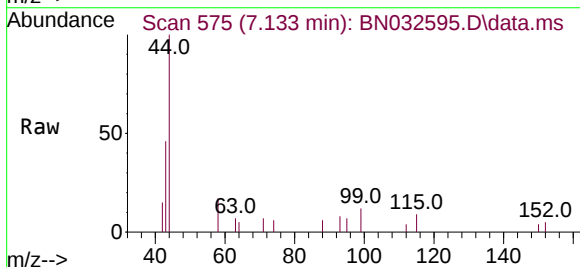
Instrument :
BNA_N
ClientSampleId :
PB161831BL

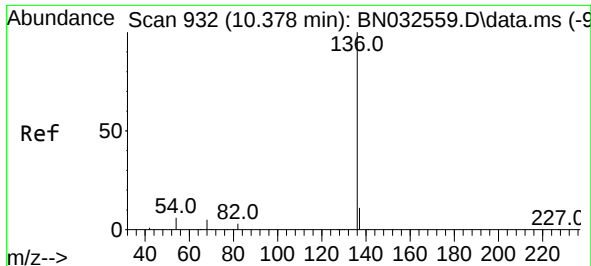
Tgt Ion: 99 Resp: 2359
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 20.6 25.2 37.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 7.133 min Scan# 575
Delta R.T. 0.094 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion: 93 Resp: 16
Ion Ratio Lower Upper
93 100
63 68.8 54.1 81.1
95 37.5 30.5 45.7

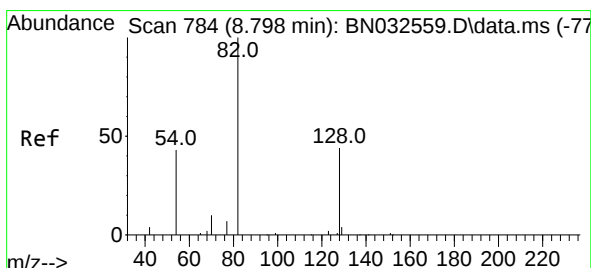
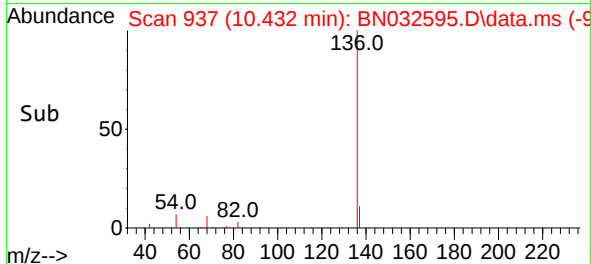
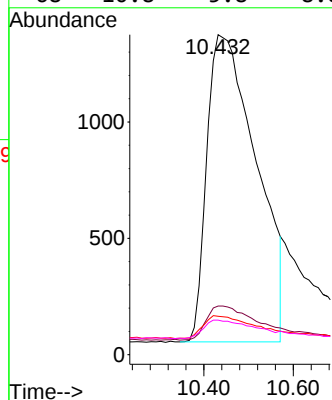
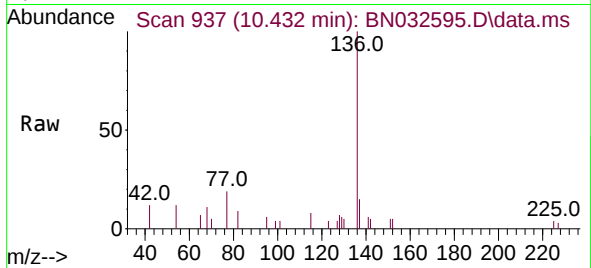




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 91
Delta R.T. 0.054 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

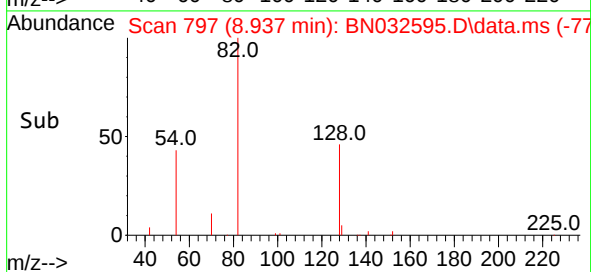
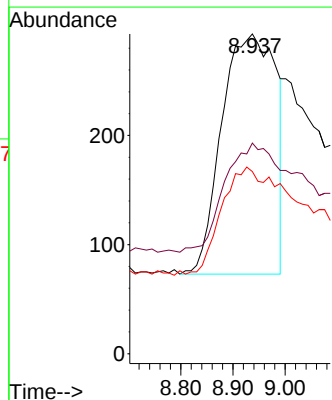
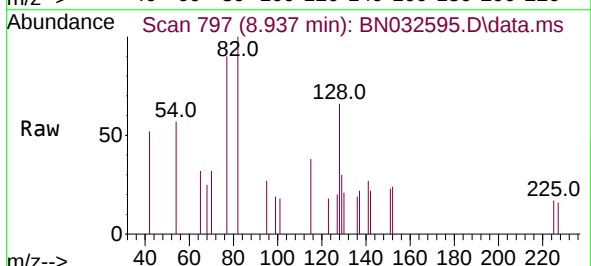
Instrument :
BNA_N
ClientSampleId :
PB161831BL

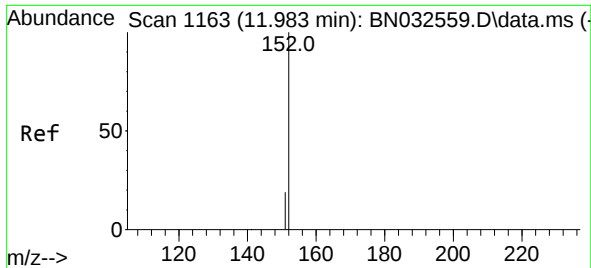
Tgt Ion:	136	Resp:	10134
Ion	Ratio	Lower	Upper
136	100		
137	15.2	10.0	15.0#
54	12.0	6.6	9.8#
68	10.8	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.209 ng
RT: 8.937 min Scan# 797
Delta R.T. 0.139 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion:	82	Resp:	1582
Ion	Ratio	Lower	Upper
82	100		
128	65.9	43.4	65.2#
54	57.0	40.2	60.2

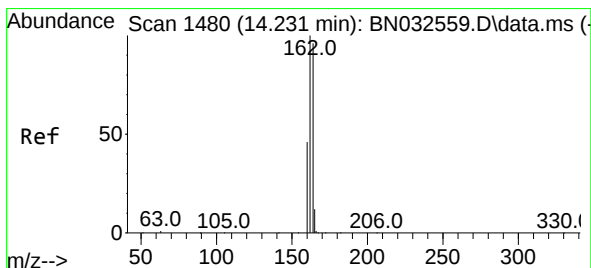
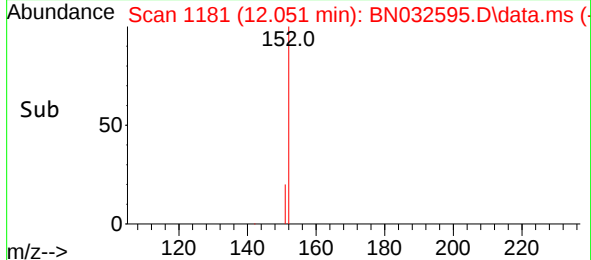
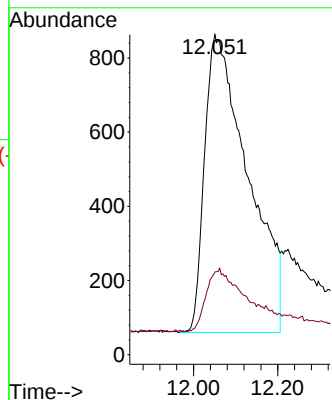
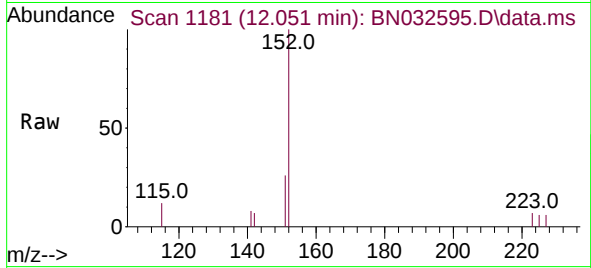




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.051 min Scan# 1163
Delta R.T. 0.068 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

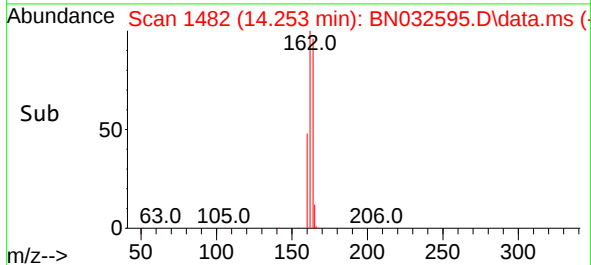
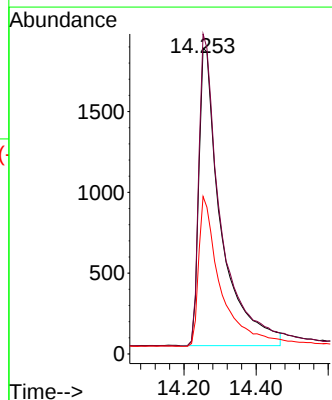
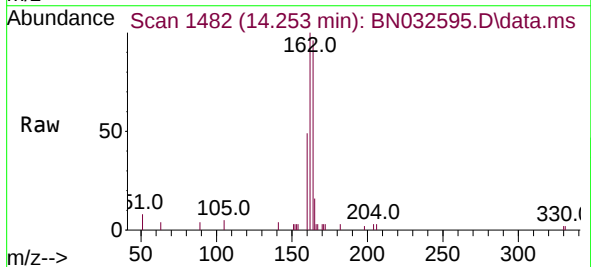
Instrument :
BNA_N
ClientSampleId :
PB161831BL

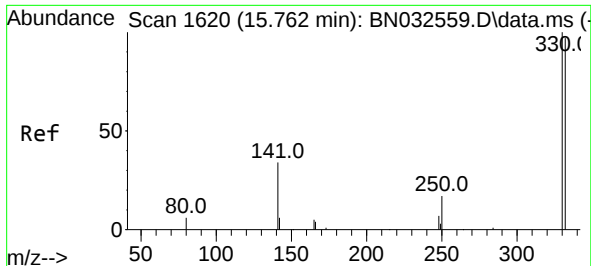
Tgt Ion:152 Resp: 5747
Ion Ratio Lower Upper
152 100
151 18.2 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.253 min Scan# 1482
Delta R.T. 0.022 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion:164 Resp: 7877
Ion Ratio Lower Upper
164 100
162 104.6 83.2 124.8
160 51.5 38.6 57.8

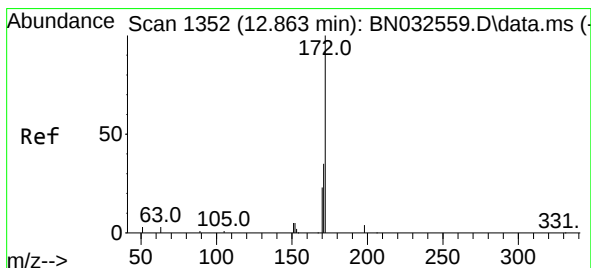
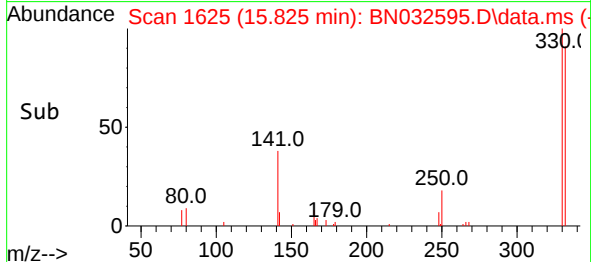
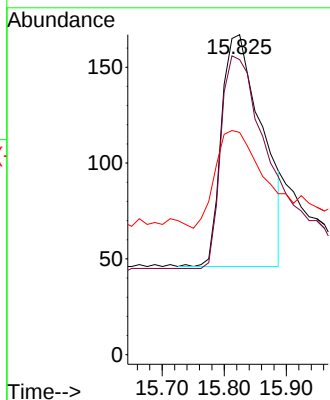
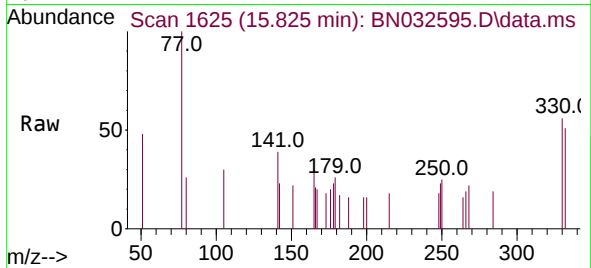




#14
2,4,6-Tribromophenol
Concen: 0.154 ng
RT: 15.825 min Scan# 1625
Delta R.T. 0.062 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

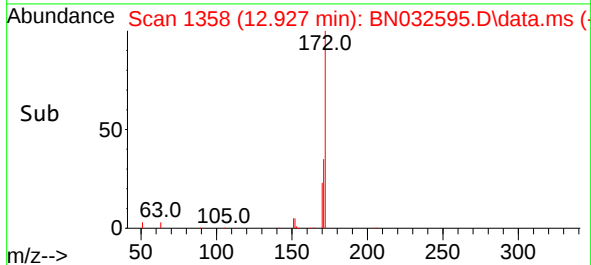
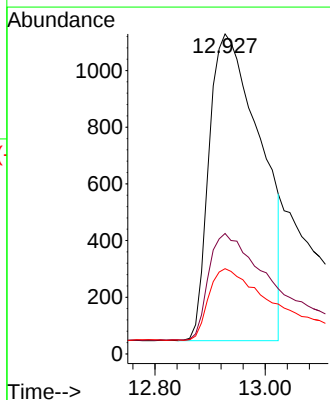
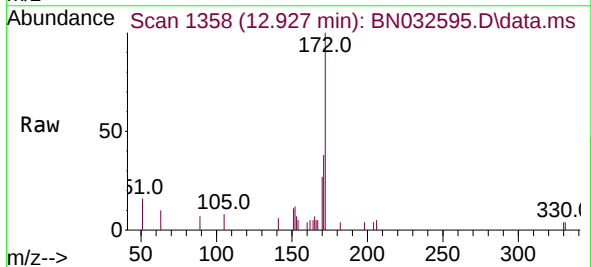
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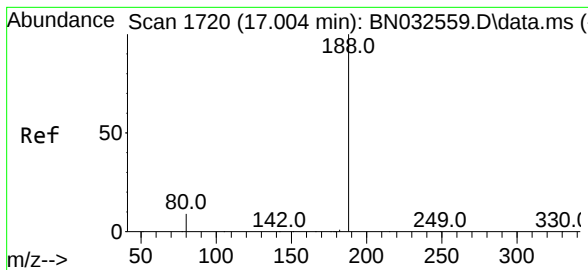
Tgt Ion:330 Resp: 551
Ion Ratio Lower Upper
330 100
332 94.6 77.7 116.5
141 47.0 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.241 ng
RT: 12.927 min Scan# 1358
Delta R.T. 0.064 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion:172 Resp: 6993
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 26.7 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.041 min Scan# 1

Delta R.T. 0.037 min

Lab File: BN032595.D

Acq: 09 Jul 2024 20:11

Instrument :

BNA_N

ClientSampleId :

PB161831BL

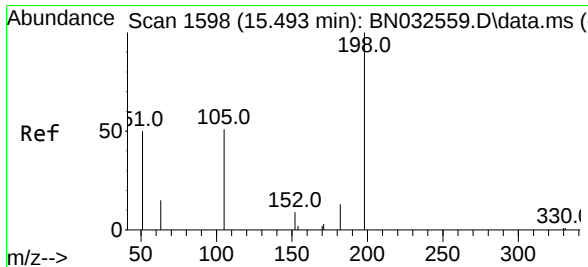
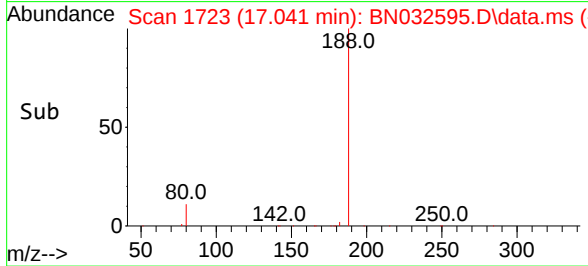
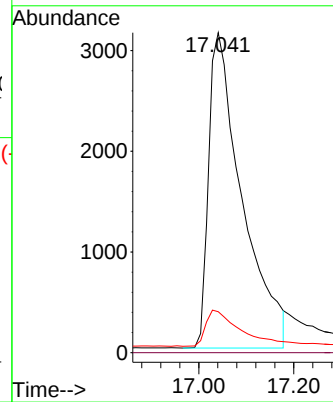
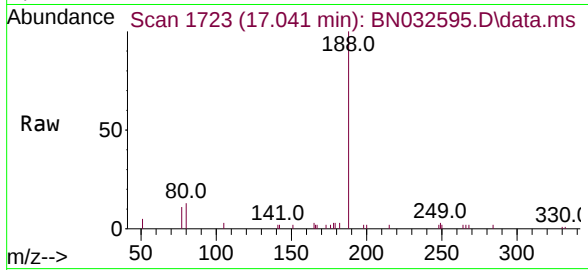
Tgt Ion:188 Resp: 15292

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 7.8 11.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.199 ng

RT: 15.472 min Scan# 1596

Delta R.T. -0.021 min

Lab File: BN032595.D

Acq: 09 Jul 2024 20:11

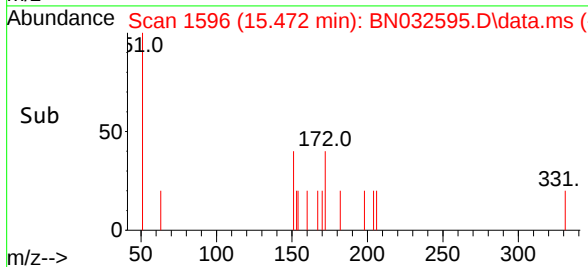
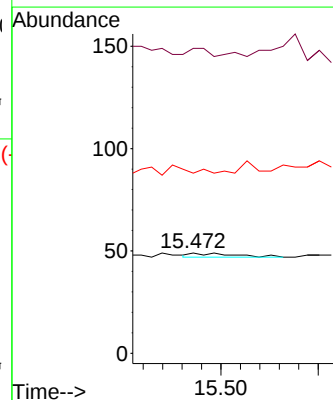
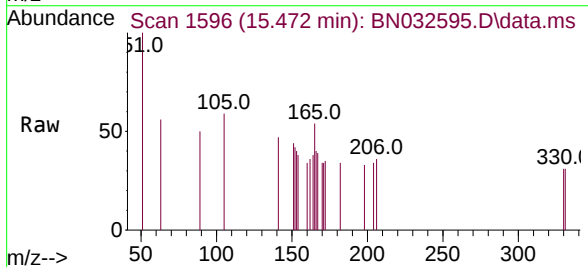
Tgt Ion:198 Resp: 6

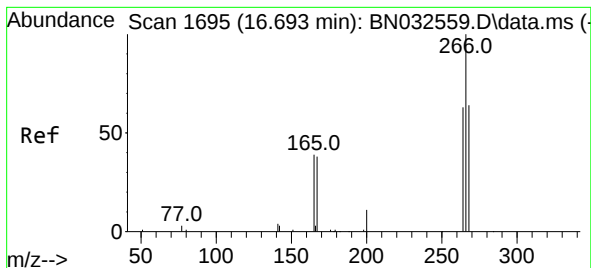
Ion Ratio Lower Upper

198 100

51 304.1 123.4 185.2#

105 179.6 79.5 119.3#

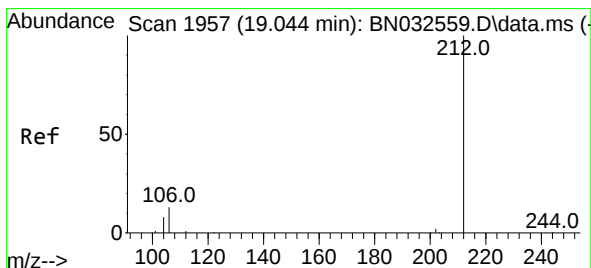
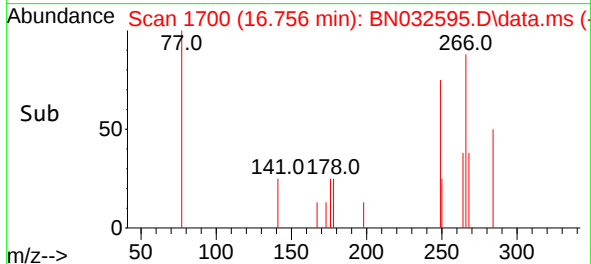
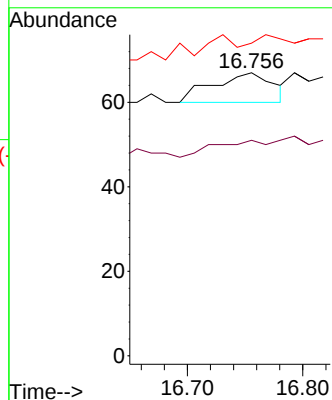
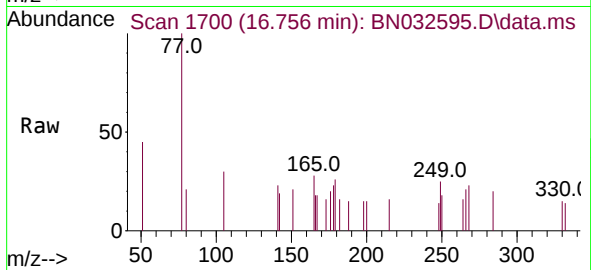




#24
Pentachlorophenol
Concen: 0.173 ng
RT: 16.756 min Scan# 11
Delta R.T. 0.063 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

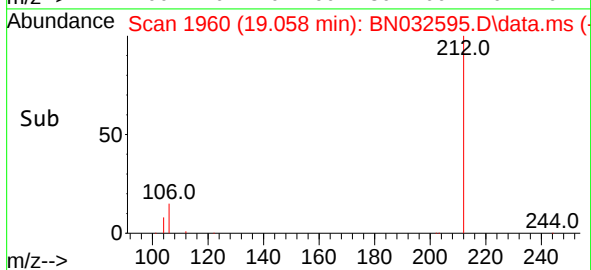
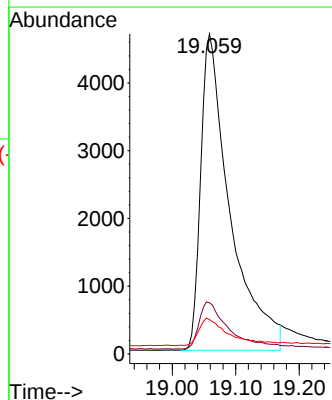
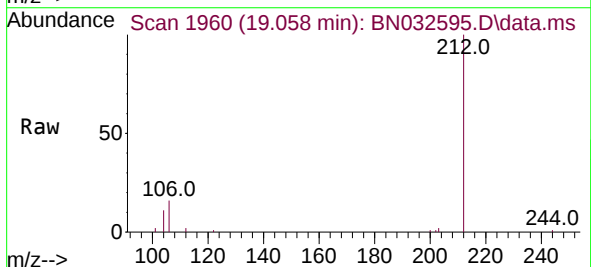
Instrument :
BNA_N
ClientSampleId :
PB161831BL

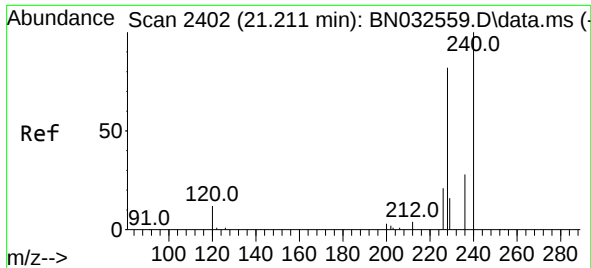
Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
264 0.0 49.6 74.4#
268 12.0 52.2 78.2#



#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.058 min Scan# 1960
Delta R.T. 0.014 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion:212 Resp: 14935
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.8
104 9.1 6.9 10.3

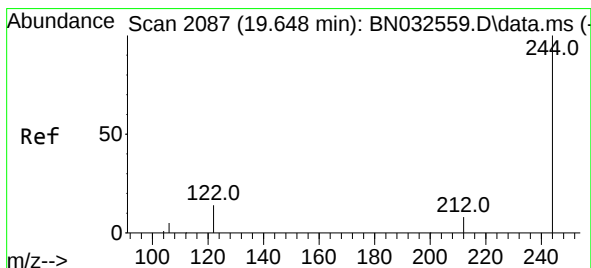
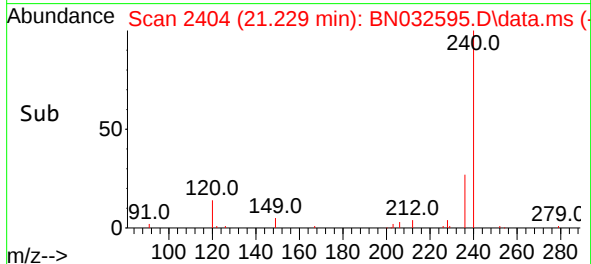
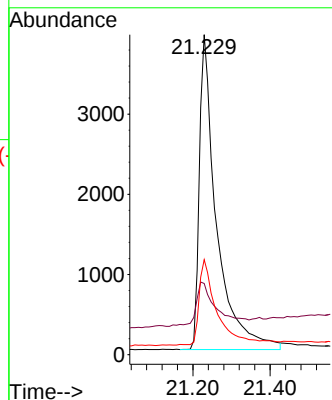
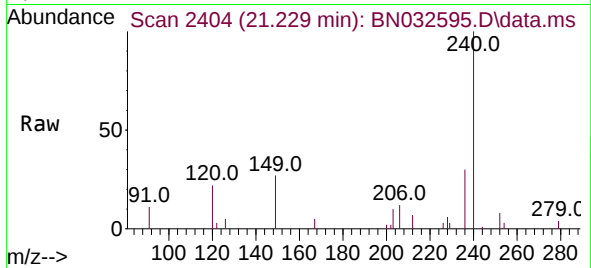




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.018 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

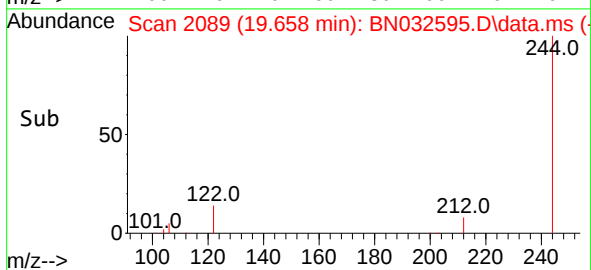
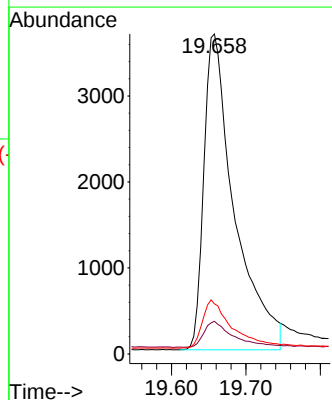
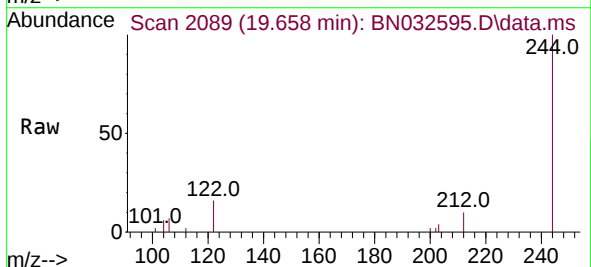
Instrument :
BNA_N
ClientSampleId :
PB161831BL

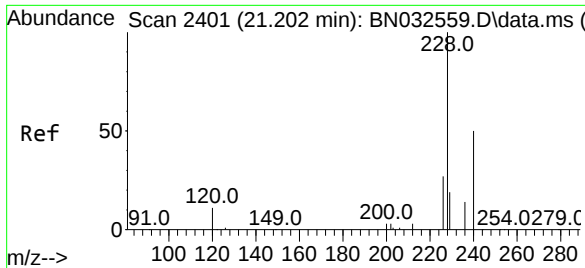
Tgt Ion:240 Resp: 12121
Ion Ratio Lower Upper
240 100
120 22.3 13.0 19.4#
236 29.7 23.1 34.7



#31
Terphenyl-d14
Concen: 0.354 ng
RT: 19.658 min Scan# 2089
Delta R.T. 0.009 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion:244 Resp: 10469
Ion Ratio Lower Upper
244 100
212 10.2 7.2 10.8
122 15.7 12.1 18.1

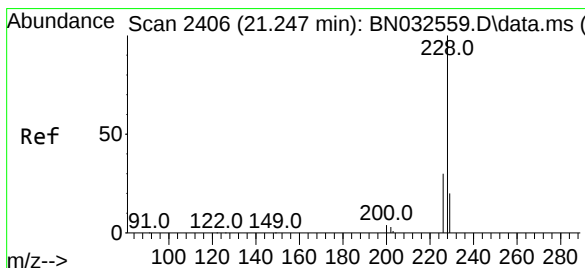
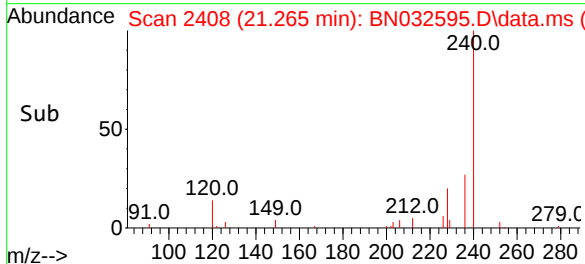
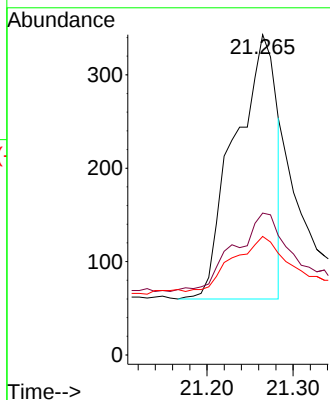
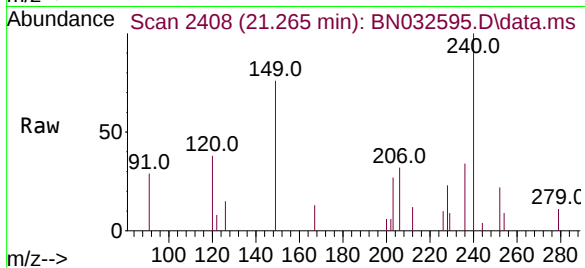




#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.265 min Scan# 2408
Delta R.T. 0.063 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

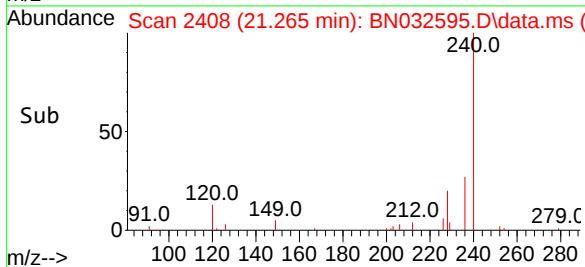
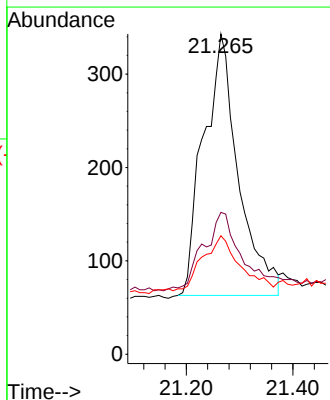
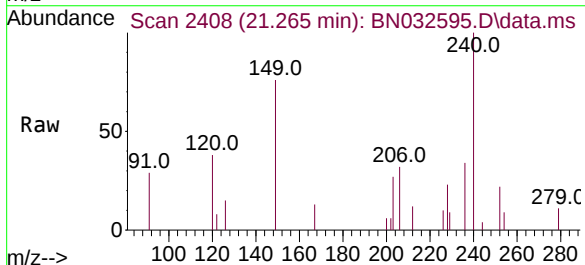
Instrument :
BNA_N
ClientSampleId :
PB161831BL

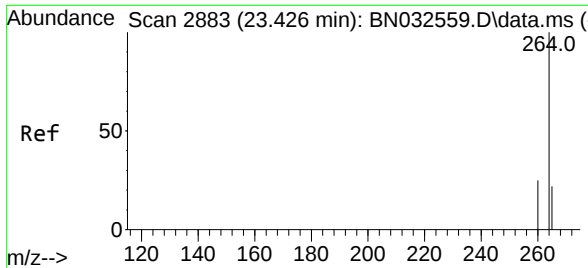
Tgt Ion:228 Resp: 956
Ion Ratio Lower Upper
228 100
226 44.3 21.7 32.5#
229 37.0 16.0 24.0#



#33
Chrysene
Concen: 0.027 ng
RT: 21.265 min Scan# 2408
Delta R.T. 0.018 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

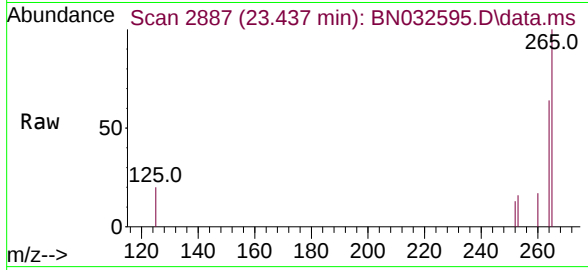
Tgt Ion:228 Resp: 1275
Ion Ratio Lower Upper
228 100
226 44.3 24.1 36.1#
229 37.0 16.1 24.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.437 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Instrument :
BNA_N
ClientSampleId :
PB161831BL



Tgt Ion:264 Resp: 11972
Ion Ratio Lower Upper
264 100
260 26.8 21.0 31.6
265 155.3 76.6 115.0#

