

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029983.D
 Acq On : 24 Feb 2024 08:17
 Operator : MA/JU
 Sample : P1507-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240215

Quant Time: Feb 26 04:51:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

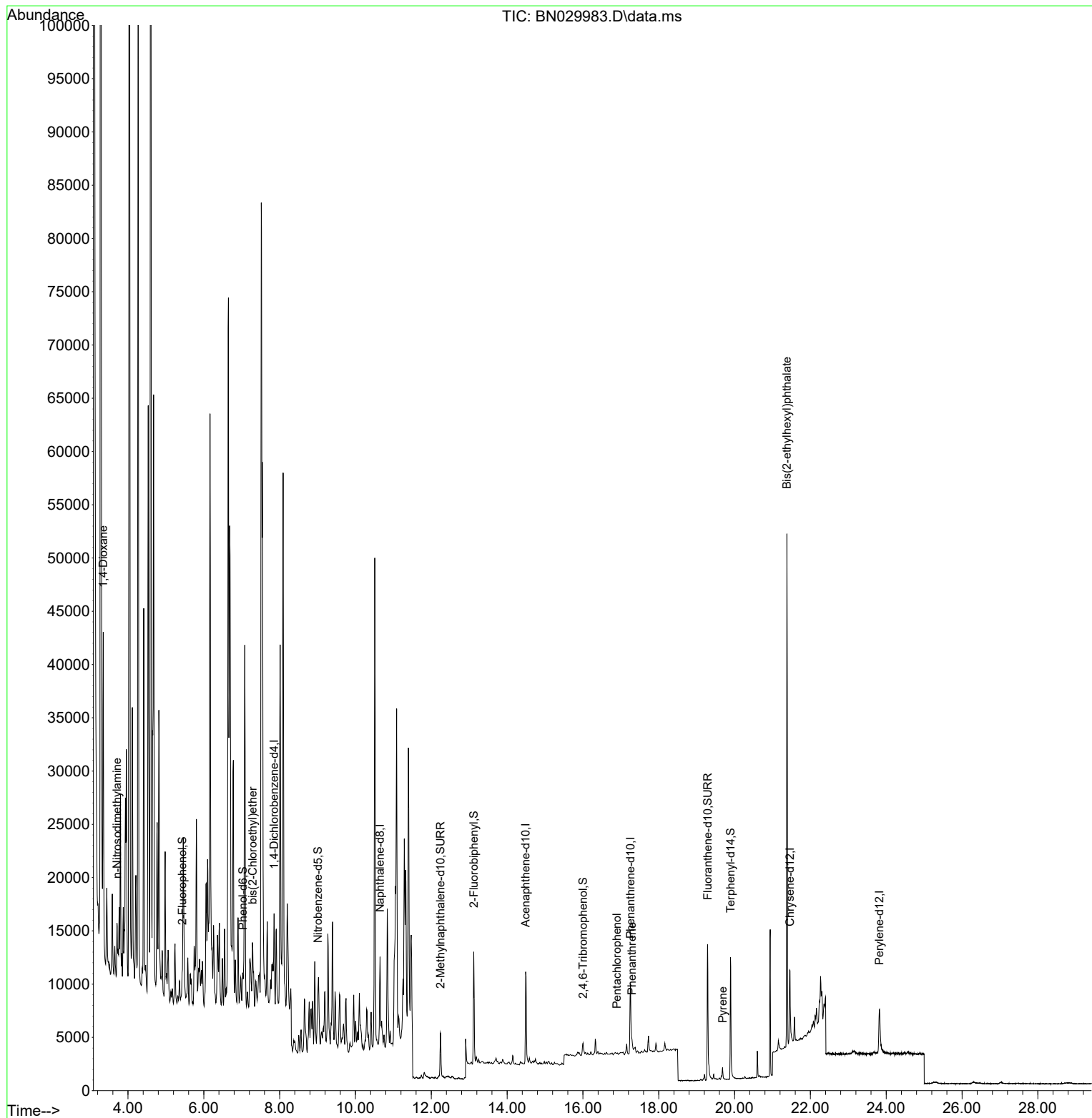
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4462	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11700	0.400	ng	# 0.00
13) Acenaphthene-d10	14.490	164	6090	0.400	ng	0.00
19) Phenanthrene-d10	17.256	188	12826	0.400	ng	0.00
29) Chrysene-d12	21.461	240	9710	0.400	ng	# 0.00
35) Perylene-d12	23.822	264	8181	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1568	0.146	ng	0.00
5) Phenol-d6	7.031	99	2210	0.179	ng	0.00
8) Nitrobenzene-d5	9.014	82	4313	0.443	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	6210	0.390	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	722	0.370	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	9584	0.367	ng	0.00
27) Fluoranthene-d10	19.290	212	16646	0.536	ng	0.00
31) Terphenyl-d14	19.894	244	12984	0.539	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.348	88	16733	2.664	ng	# 90
3) n-Nitrosodimethylamine	3.709	42	1415	0.276	ng	# 1
6) bis(2-Chloroethyl)ether	7.291	93	429	0.036	ng	# 60
24) Pentachlorophenol	16.896	266	74	0.025	ng	# 71
25) Phenanthrene	17.293	178	976	0.026	ng	94
30) Pyrene	19.684	202	1059	0.024	ng	94
34) Bis(2-ethylhexyl)phtha...	21.380	149	43728	1.934	ng	99

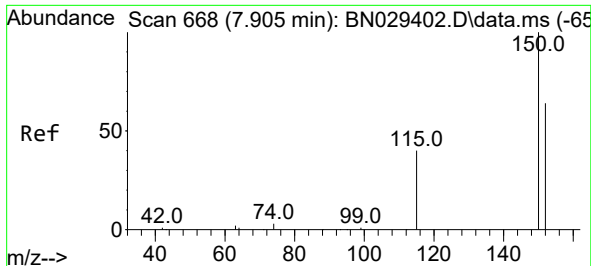
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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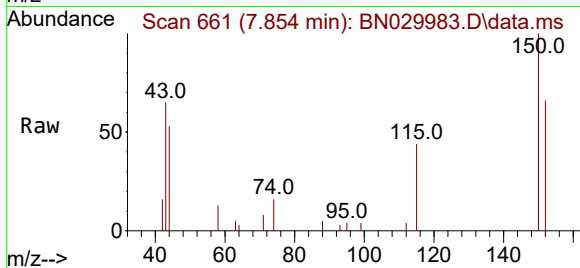
Quant Time: Feb 26 04:51:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
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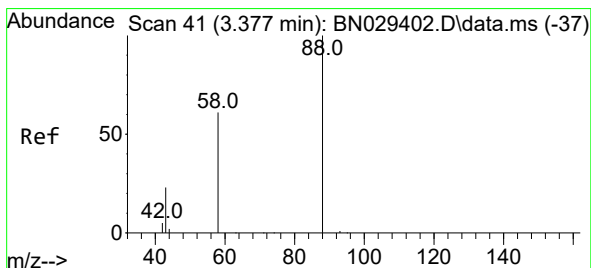
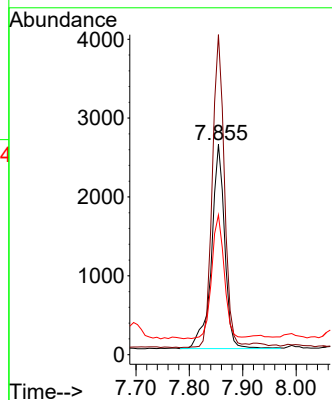
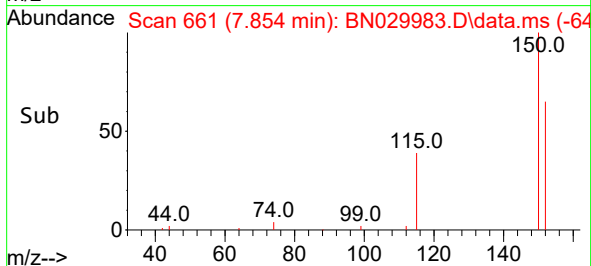
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240215

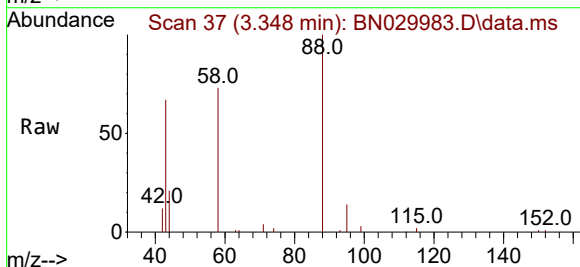


Tgt Ion:152 Resp: 4462

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.0	184.4
115	66.5	51.4	77.0

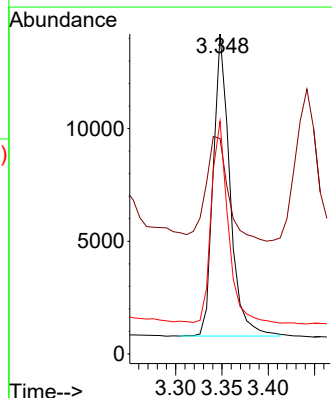
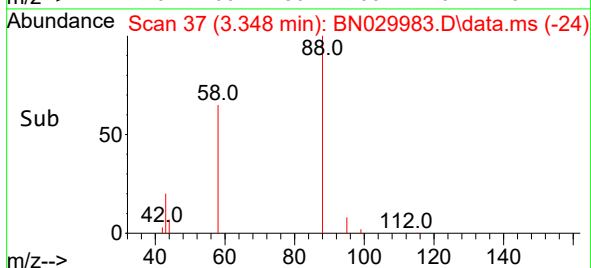


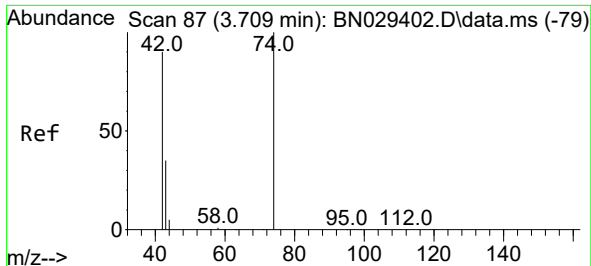
#2
 1,4-Dioxane
 Concen: 2.664 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17



Tgt Ion: 88 Resp: 16733

Ion	Ratio	Lower	Upper
88	100		
43	46.0	23.3	34.9
58	67.8	53.8	80.6

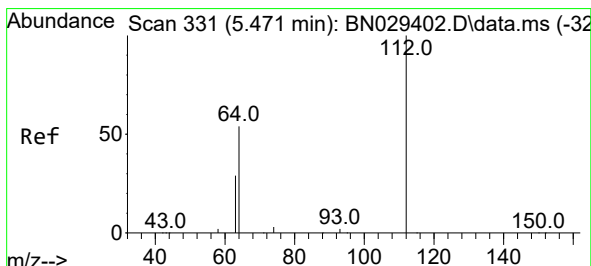
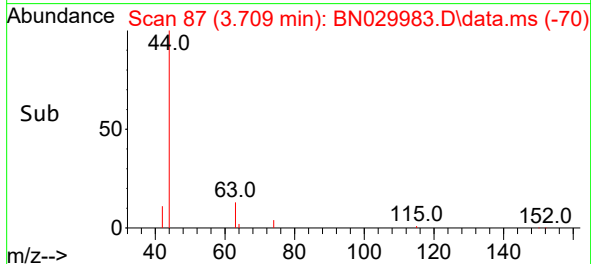
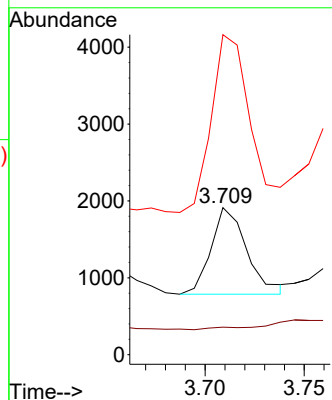
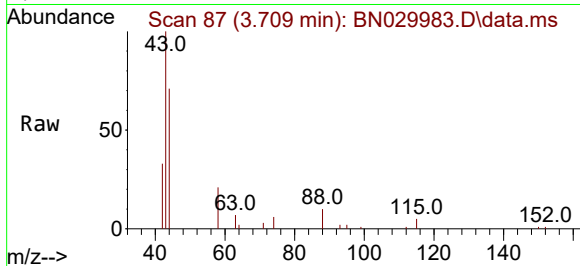




#3
n-Nitrosodimethylamine
Concen: 0.276 ng
RT: 3.709 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

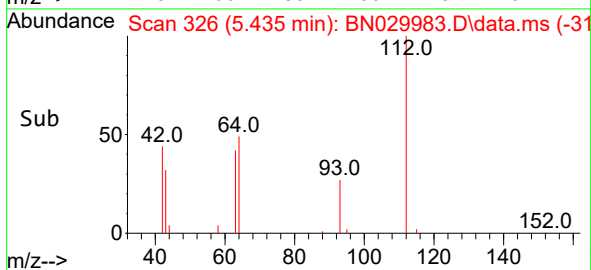
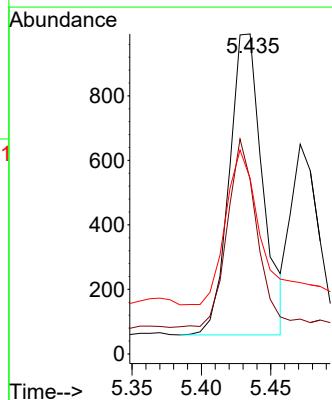
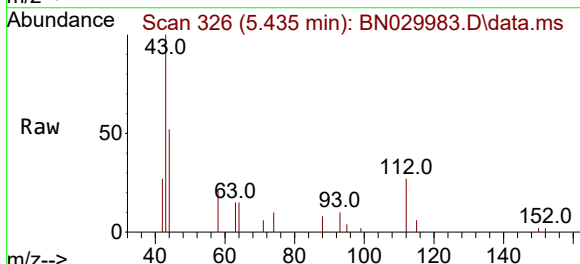
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240215

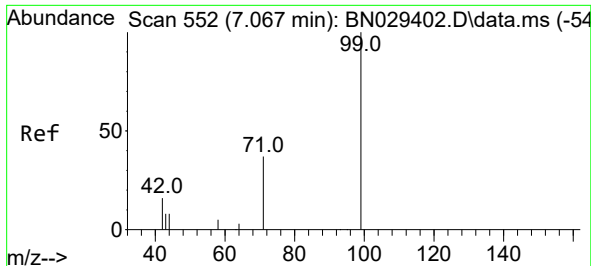
Tgt Ion: 42 Resp: 1415
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 224.9 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion: 112 Resp: 1568
Ion Ratio Lower Upper
112 100
64 58.0 47.2 70.8
63 61.1 25.8 38.6#

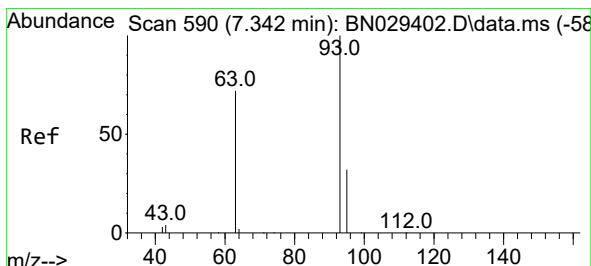
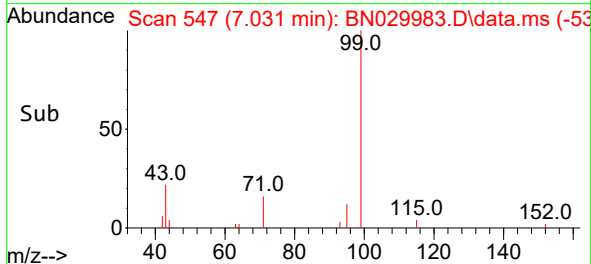
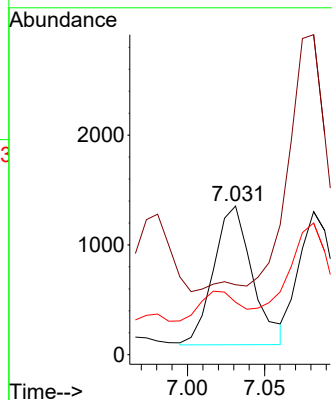
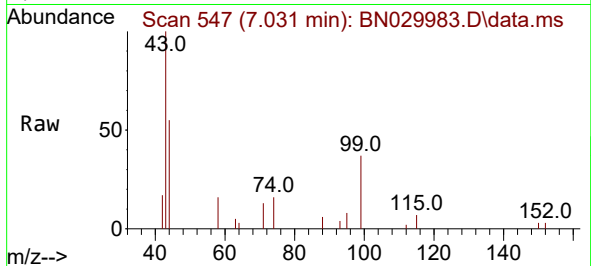




#5
Phenol-d6
Concen: 0.179 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

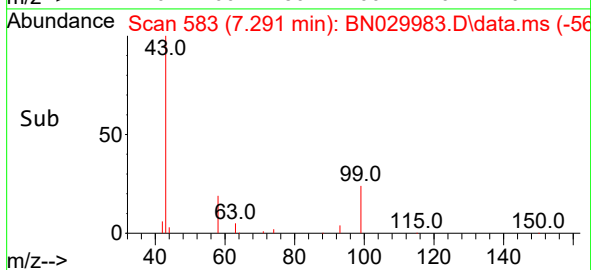
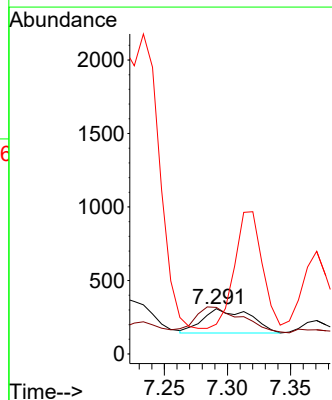
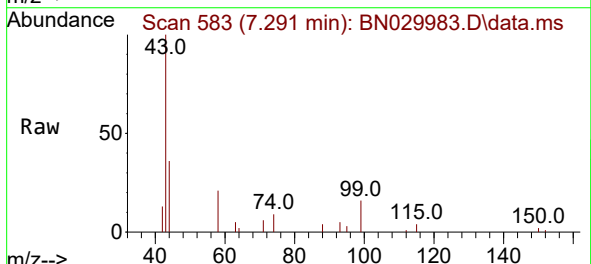
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240215

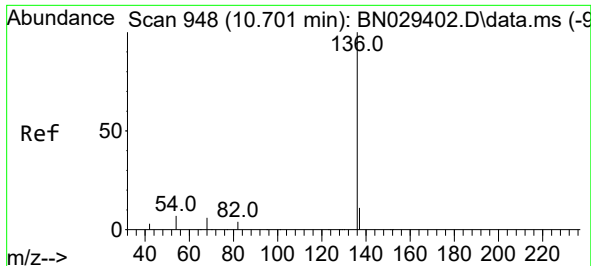
Tgt Ion: 99 Resp: 2210
Ion Ratio Lower Upper
99 100
42 8.4 16.9 25.3#
71 26.8 30.0 45.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.291 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion: 93 Resp: 429
Ion Ratio Lower Upper
93 100
63 106.1 63.1 94.7#
95 0.0 27.1 40.7#

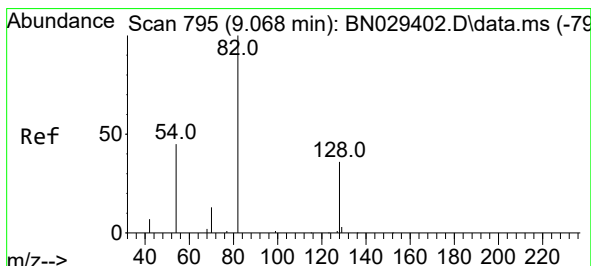
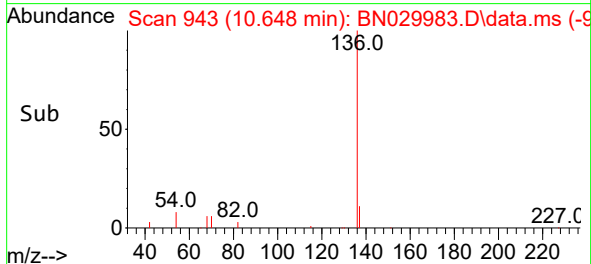
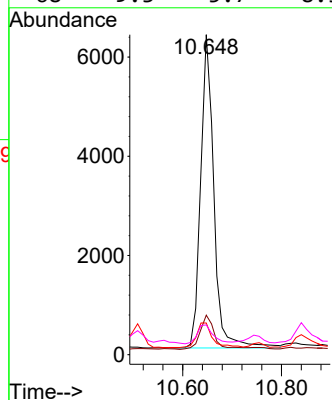
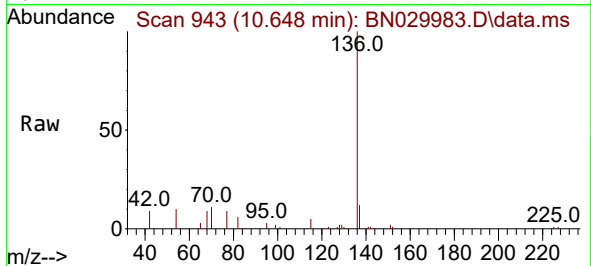




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

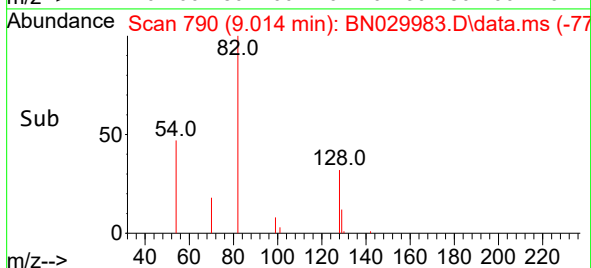
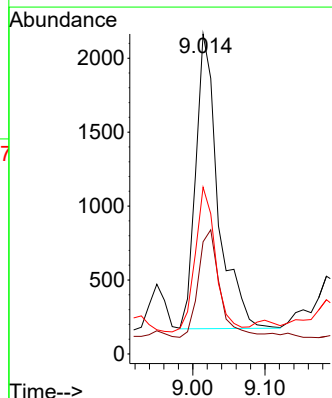
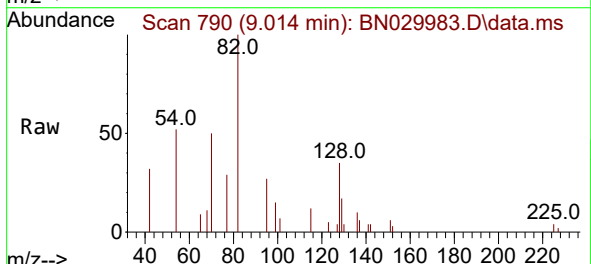
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240215

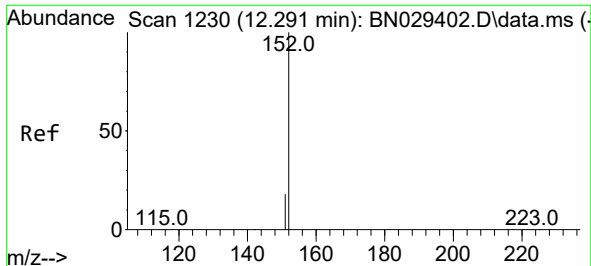
Tgt Ion:	136	Resp:	11700
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	9.9	6.6	10.0
68	9.3	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.443 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion:	82	Resp:	4313
Ion	Ratio	Lower	Upper
82	100		
128	35.1	31.6	47.4
54	52.1	38.2	57.4





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.242 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN029983.D

Acq: 24 Feb 2024 08:17

Instrument :

BNA_N

ClientSampleId :

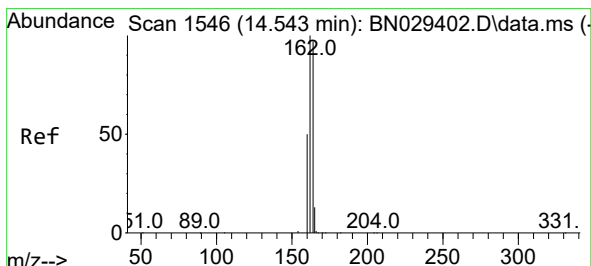
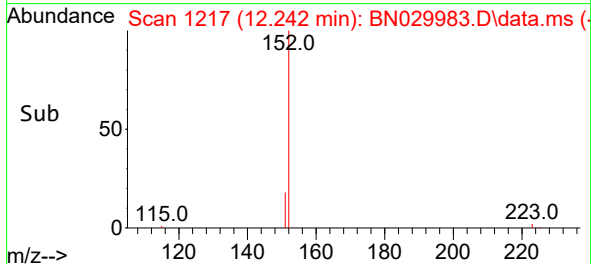
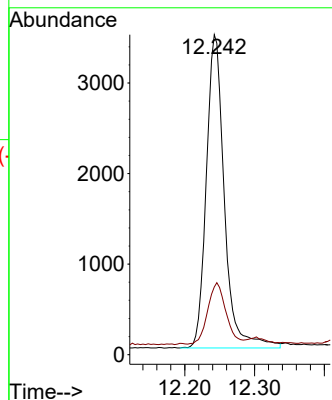
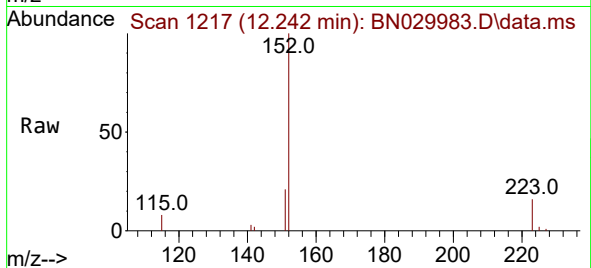
RE126D2-20240215

Tgt Ion:152 Resp: 6210

Ion Ratio Lower Upper

152 100

151 19.8 17.1 25.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.490 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BN029983.D

Acq: 24 Feb 2024 08:17

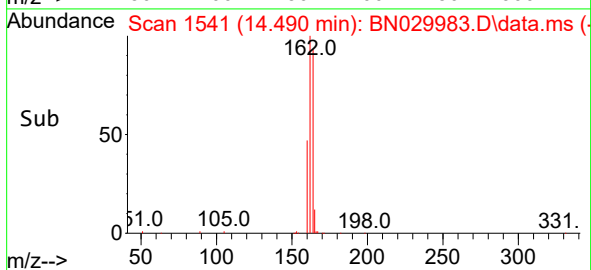
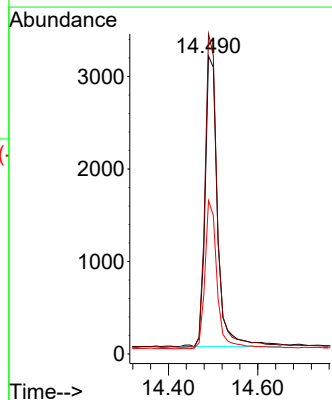
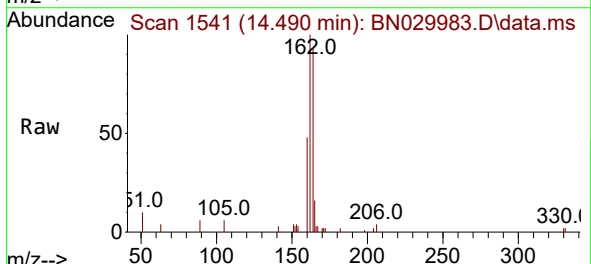
Tgt Ion:164 Resp: 6090

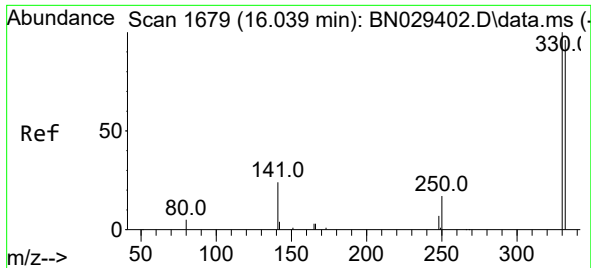
Ion Ratio Lower Upper

164 100

162 107.4 82.6 123.8

160 51.5 41.5 62.3

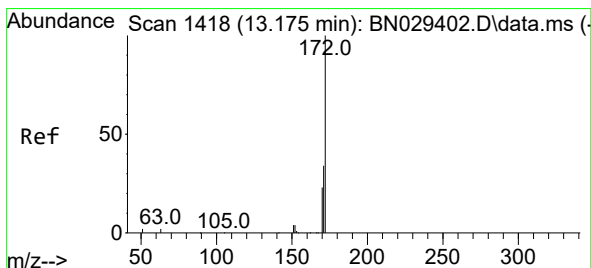
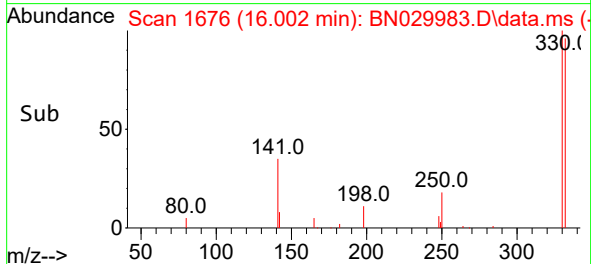
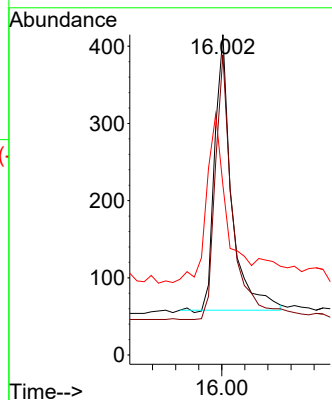
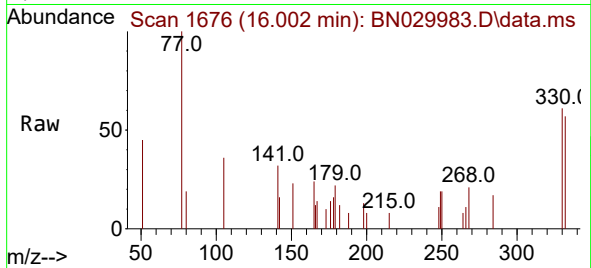




#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

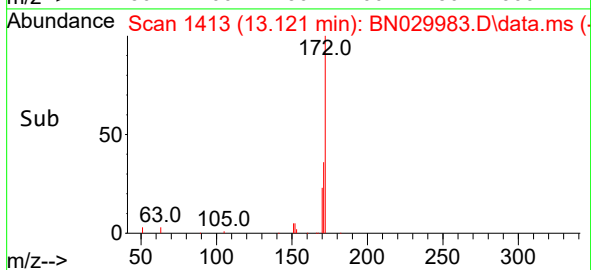
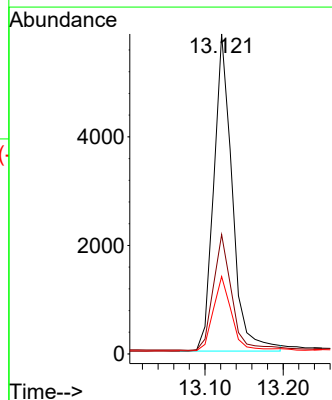
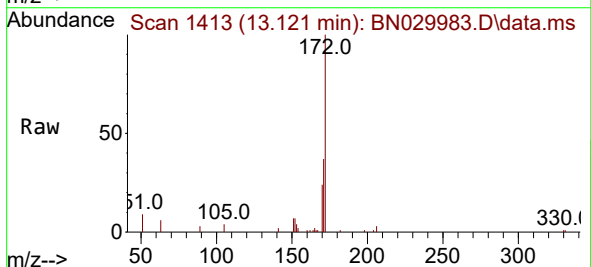
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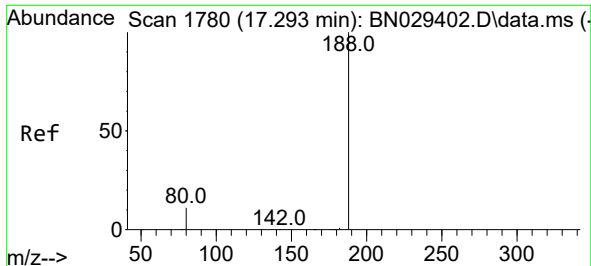
Tgt Ion:330 Resp: 722
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 66.6 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.121 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion:172 Resp: 9584
Ion Ratio Lower Upper
172 100
171 37.3 28.0 42.0
170 24.2 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.256 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN029983.D

Acq: 24 Feb 2024 08:17

Instrument :

BNA_N

ClientSampleId :

RE126D2-20240215

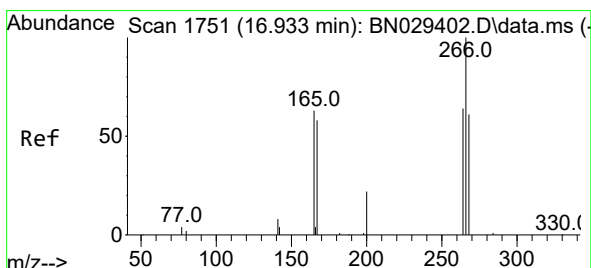
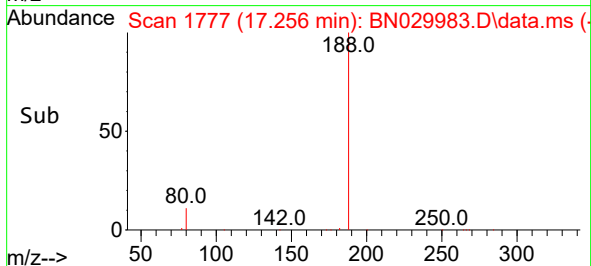
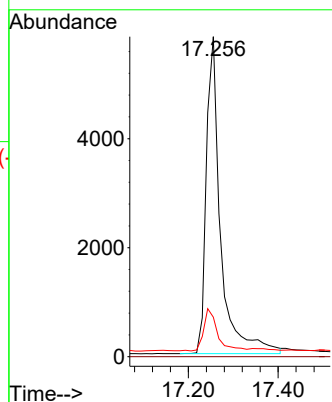
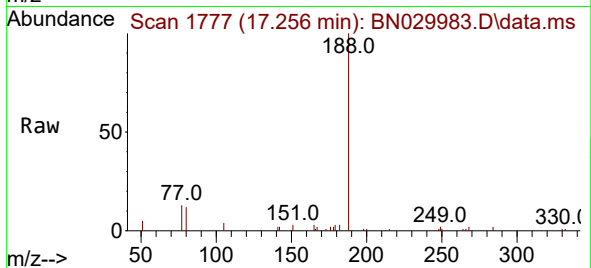
Tgt Ion:188 Resp: 12826

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 10.0 15.0



#24

Pentachlorophenol

Concen: 0.025 ng

RT: 16.896 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BN029983.D

Acq: 24 Feb 2024 08:17

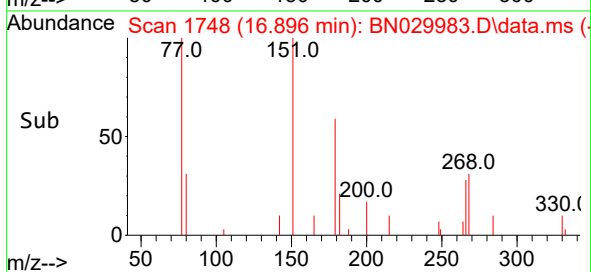
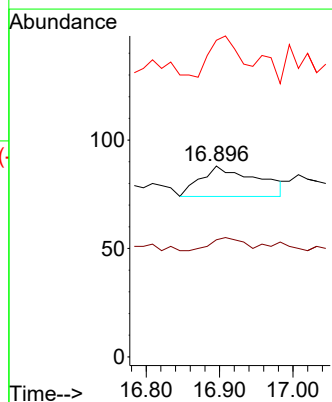
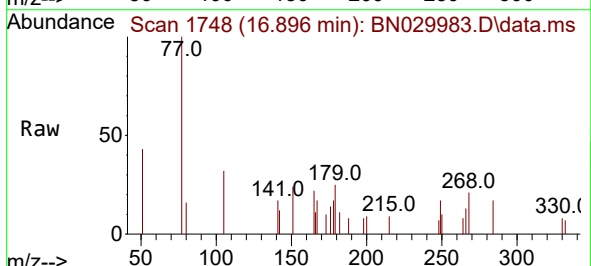
Tgt Ion:266 Resp: 74

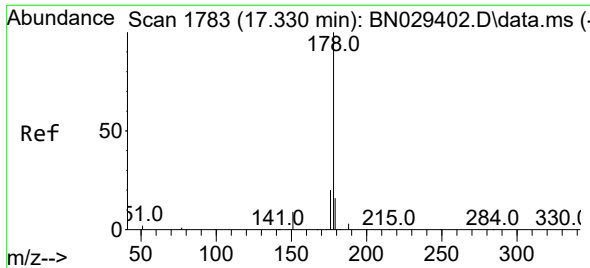
Ion Ratio Lower Upper

266 100

264 24.3 50.8 76.2#

268 70.3 51.5 77.3

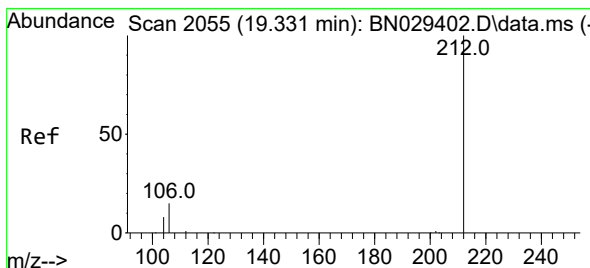
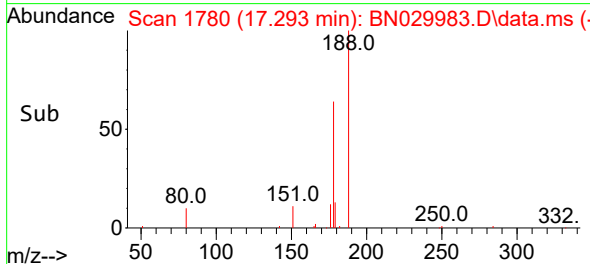
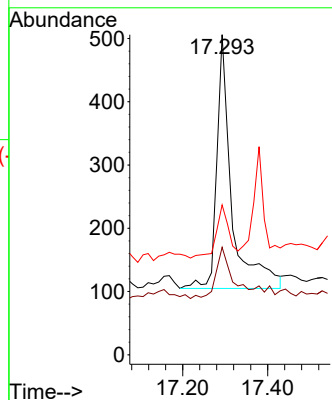
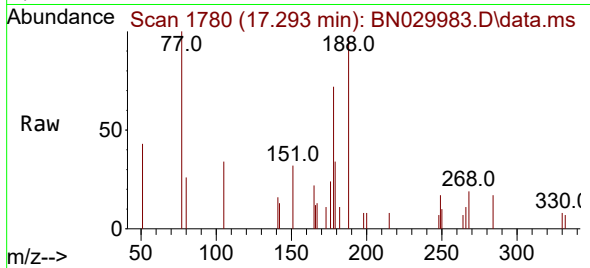




#25
Phenanthrene
Concen: 0.026 ng
RT: 17.293 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

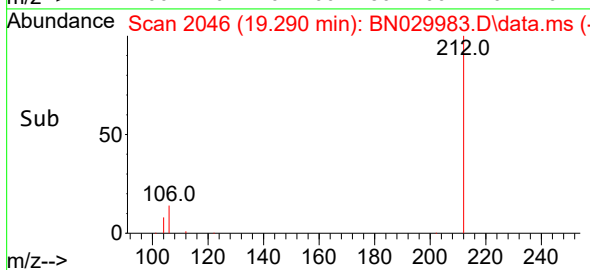
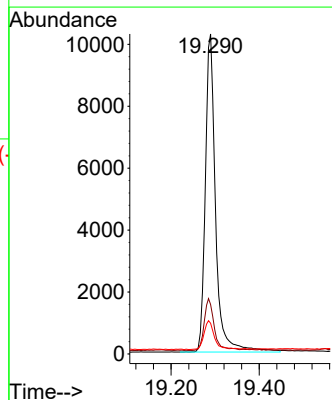
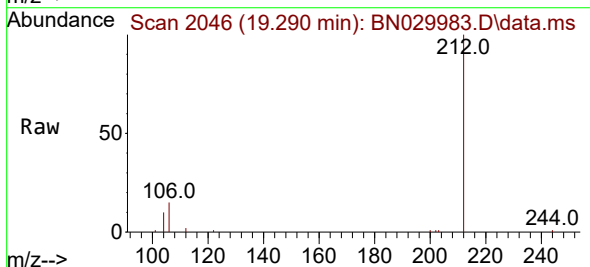
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240215

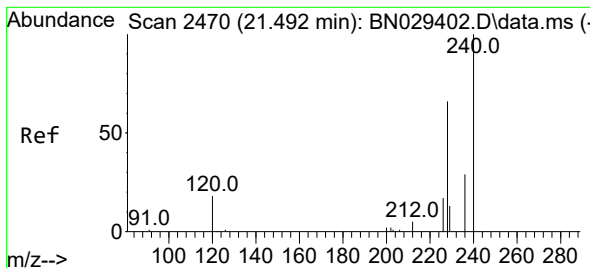
Tgt Ion:178 Resp: 976
Ion Ratio Lower Upper
178 100
176 22.8 15.8 23.6
179 17.8 12.6 19.0



#27
Fluoranthene-d10
Concen: 0.536 ng
RT: 19.290 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Tgt Ion:212 Resp: 16646
Ion Ratio Lower Upper
212 100
106 15.8 13.2 19.8
104 9.3 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.461 min Scan# 2466

Delta R.T. 0.005 min

Lab File: BN029983.D

Acq: 24 Feb 2024 08:17

Instrument :

BNA_N

ClientSampleId :

RE126D2-20240215

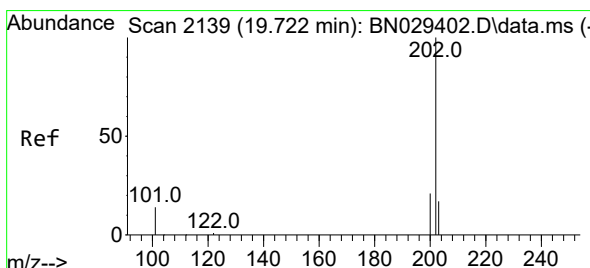
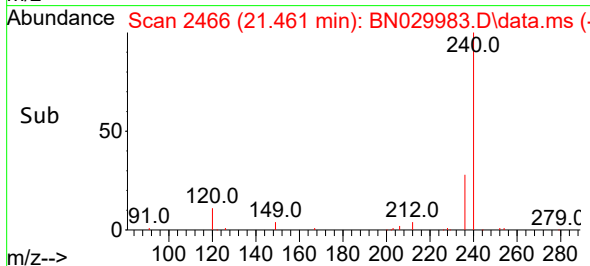
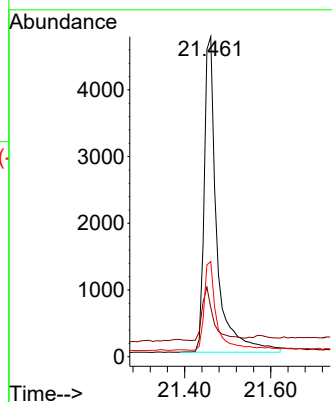
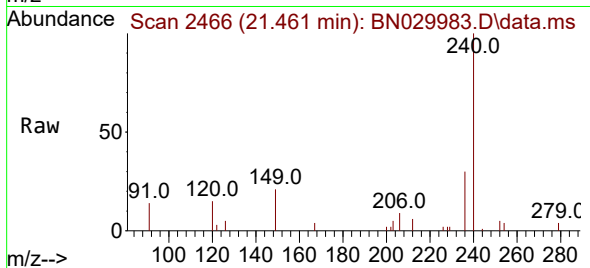
Tgt Ion:240 Resp: 9710

Ion Ratio Lower Upper

240 100

120 15.4 16.7 25.1#

236 29.7 23.9 35.9



#30

Pyrene

Concen: 0.024 ng

RT: 19.684 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BN029983.D

Acq: 24 Feb 2024 08:17

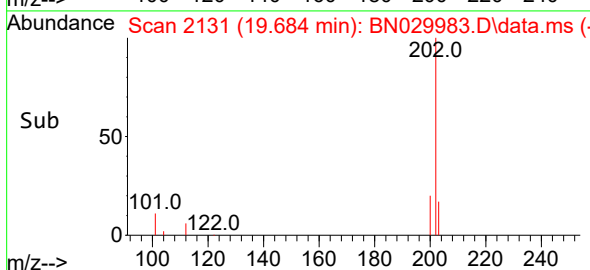
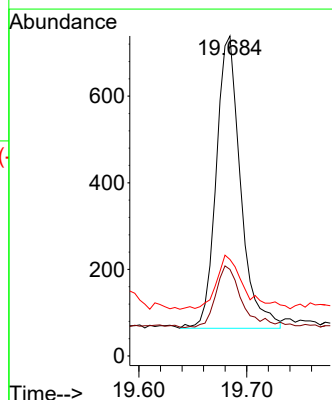
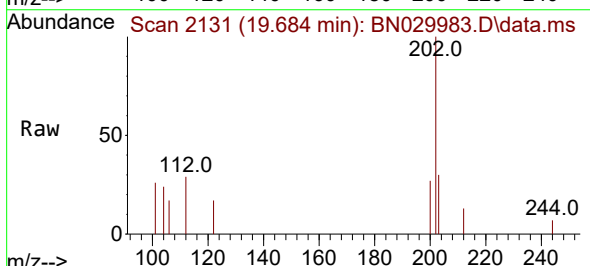
Tgt Ion:202 Resp: 1059

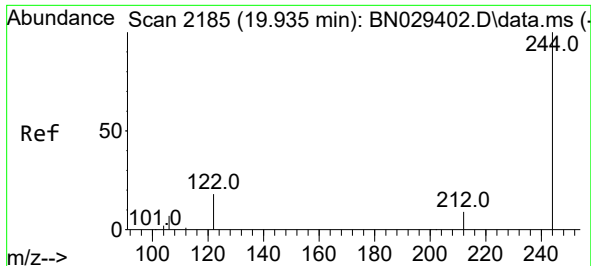
Ion Ratio Lower Upper

202 100

200 23.1 16.6 25.0

203 20.8 14.2 21.4

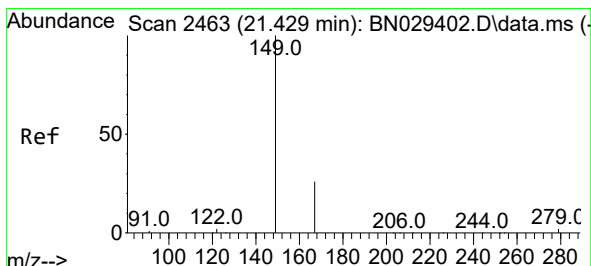
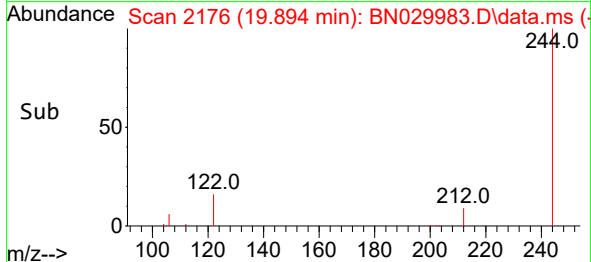
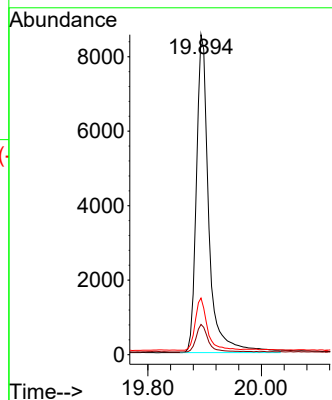
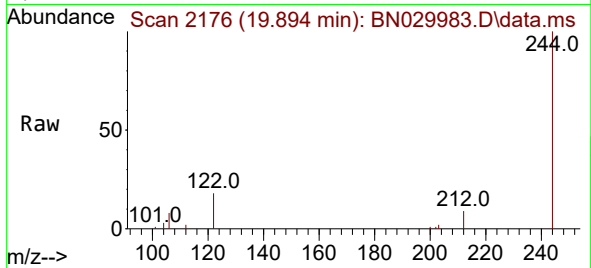




#31
 Terphenyl-d14
 Concen: 0.539 ng
 RT: 19.894 min Scan# 2185
 Delta R.T. -0.004 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17

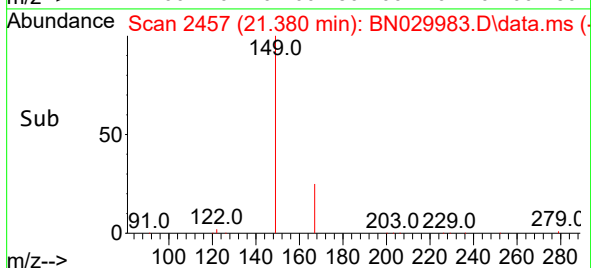
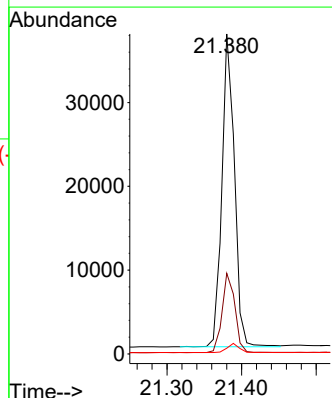
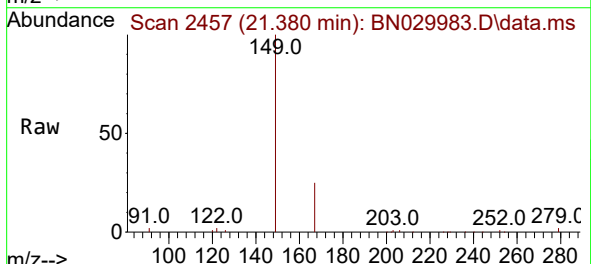
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240215

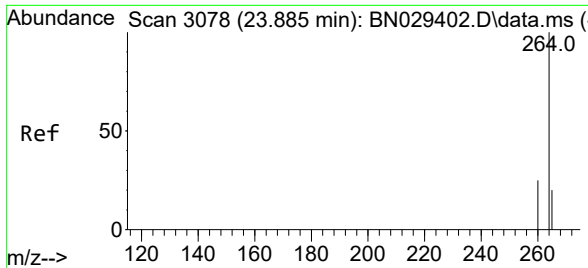
Tgt Ion:244 Resp: 12984
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.2 12.4
 122 17.7 15.6 23.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.934 ng
 RT: 21.380 min Scan# 2457
 Delta R.T. -0.004 min
 Lab File: BN029983.D
 Acq: 24 Feb 2024 08:17

Tgt Ion:149 Resp: 43728
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.1 30.1
 279 2.9 2.5 3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.822 min Scan# 30
Delta R.T. 0.002 min
Lab File: BN029983.D
Acq: 24 Feb 2024 08:17

Instrument :
BNA_N
ClientSampleId :
RE126D2-20240215

Tgt Ion:	264	Resp:	8181
Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.2	31.8
265	79.5	41.5	62.3

