

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024529.D
 Acq On : 24 Mar 2023 04:05
 Operator : CG/JU
 Sample : 01903-18DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230312DL

Quant Time: Mar 24 04:38:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 03:05:57 2023
 Response via : Initial Calibration

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

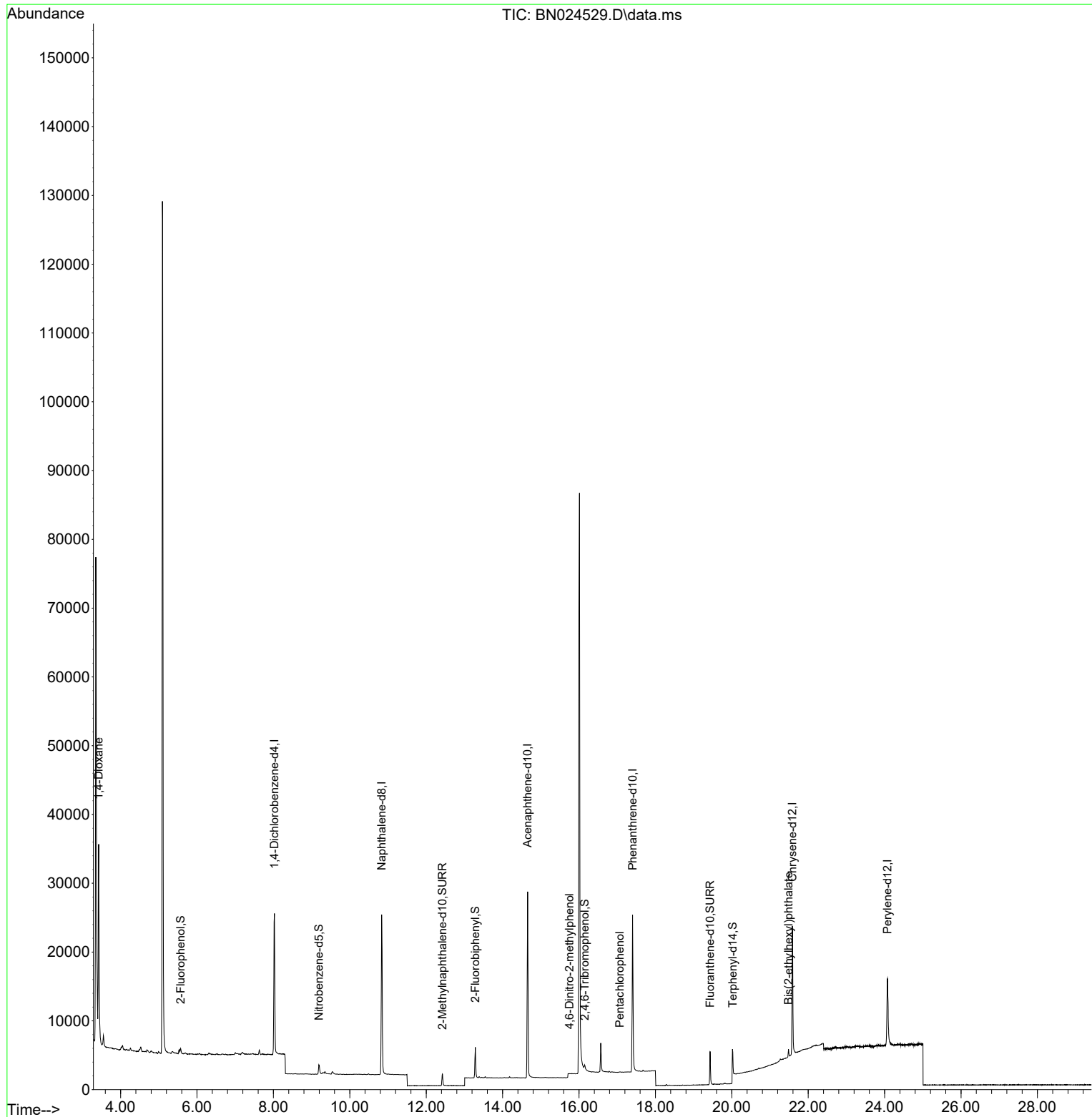
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	10511	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	30661	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	15432	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	32327	0.400	ng	# 0.00
29) Chrysene-d12	21.583	240	19375	0.400	ng	# 0.00
35) Perylene-d12	24.073	264	16019	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	711	0.031	ng	0.00
5) Phenol-d6	7.188	99	465	0.016	ng	0.00
8) Nitrobenzene-d5	9.190	82	1503	0.073	ng	0.00
11) 2-Methylnaphthalene-d10	12.421	152	2598	0.069	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	443	0.056	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	3911	0.067	ng	0.00
27) Fluoranthene-d10	19.433	212	5436	0.079	ng	0.00
31) Terphenyl-d14	20.024	244	2958	0.091	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	18006	1.574	ng	99
20) 4,6-Dinitro-2-methylph...	15.749	198	7	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	18	0.130	ng	# 23
34) Bis(2-ethylhexyl)phtha...	21.484	149	1407	0.046	ng	# 90

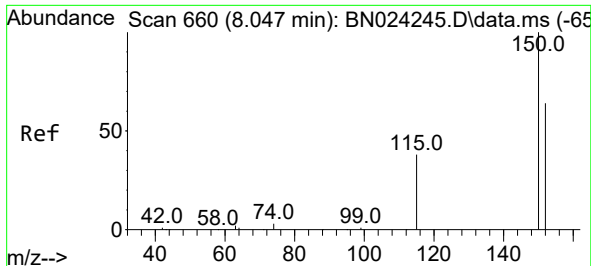
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
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Misc :
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Instrument :
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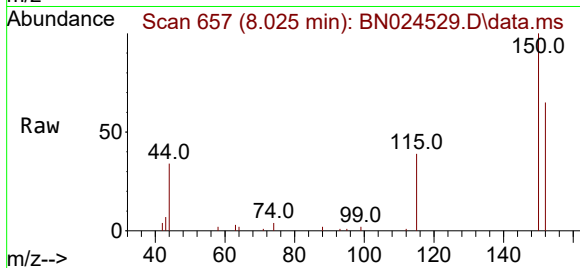
Quant Time: Mar 24 04:38:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 03:05:57 2023
Response via : Initial Calibration



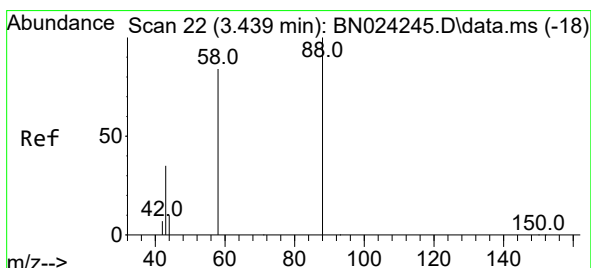
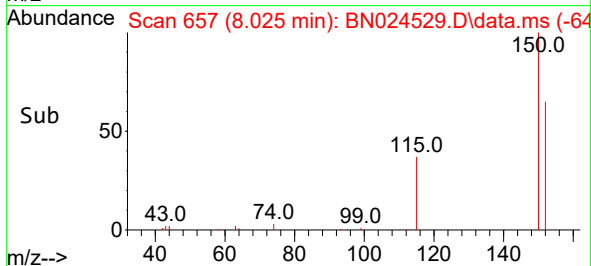
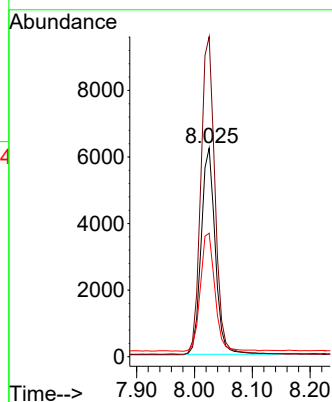


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.025 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024529.D
 Acq: 24 Mar 2023 04:05

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230312DL

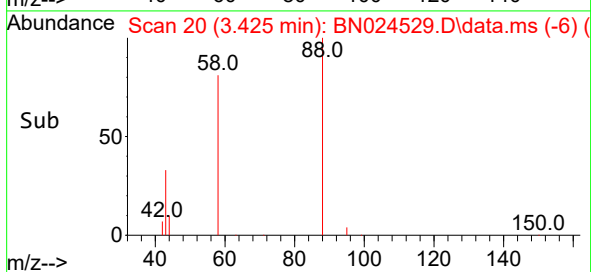
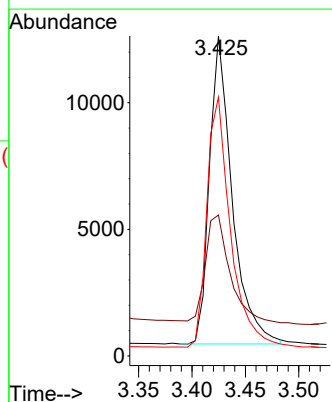
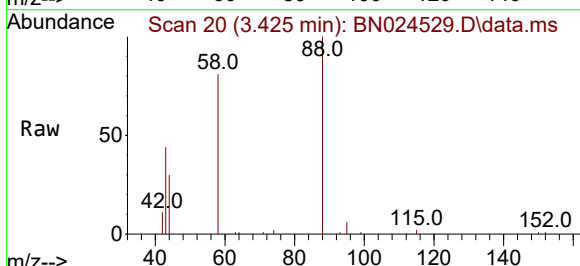


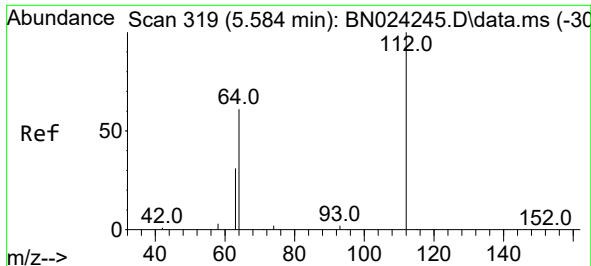
Tgt Ion:152 Resp: 10511
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.7 187.1
 115 59.2 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.574 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN024529.D
 Acq: 24 Mar 2023 04:05

Tgt Ion: 88 Resp: 18006
 Ion Ratio Lower Upper
 88 100
 43 37.7 29.0 43.4
 58 84.2 67.3 100.9

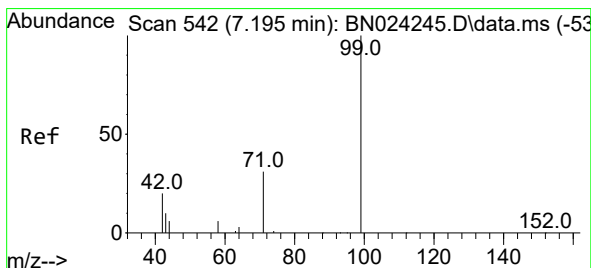
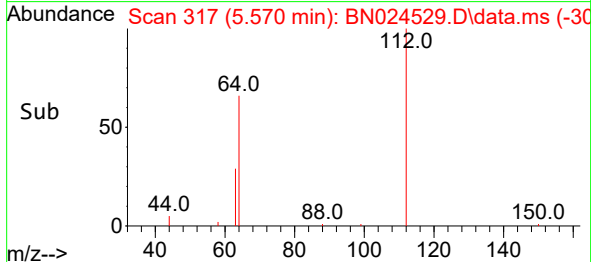
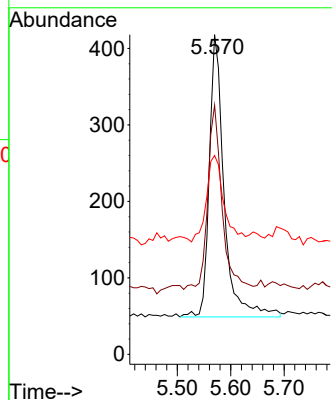
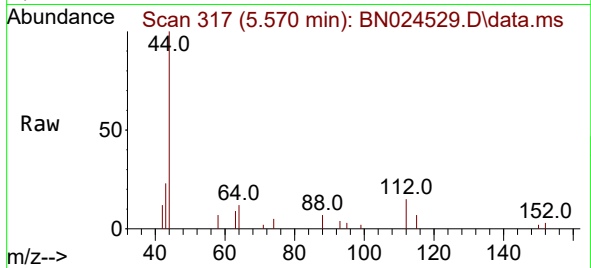




#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.570 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024529.D
Acq: 24 Mar 2023 04:05

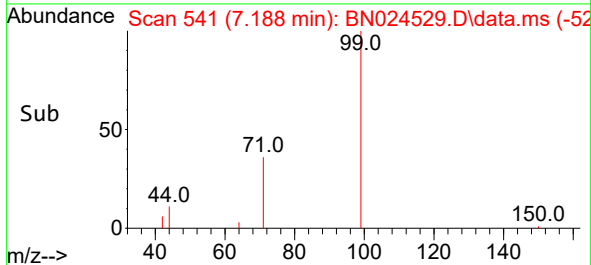
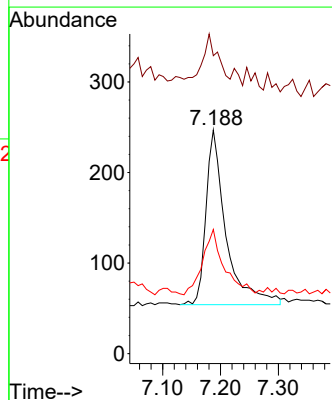
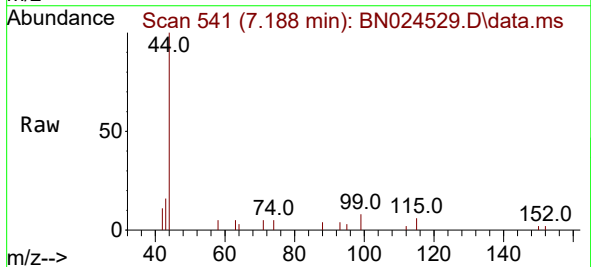
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312DL

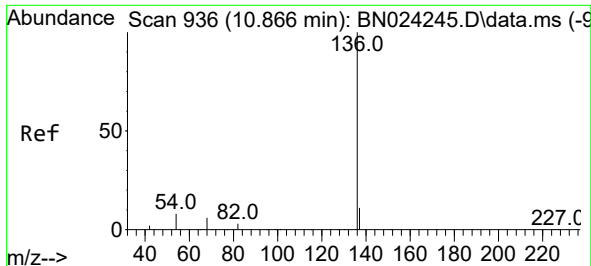
Tgt Ion:112 Resp: 711
Ion Ratio Lower Upper
112 100
64 62.6 49.0 73.6
63 35.9 25.7 38.5



#5
Phenol-d6
Concen: 0.016 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN024529.D
Acq: 24 Mar 2023 04:05

Tgt Ion: 99 Resp: 465
Ion Ratio Lower Upper
99 100
42 20.9 20.1 30.1
71 40.4 25.8 38.8#

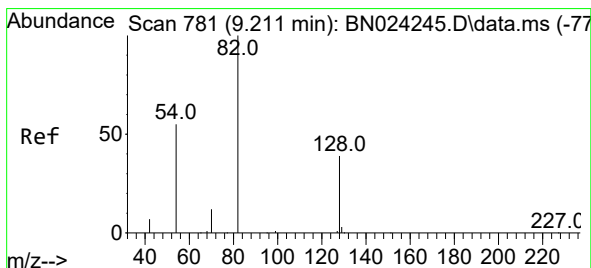
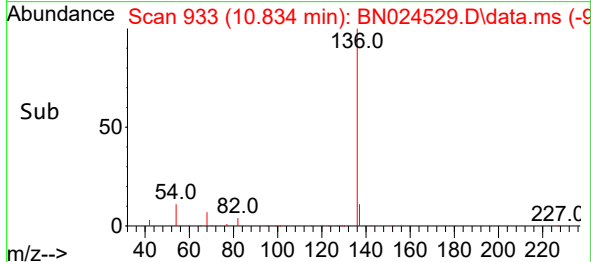
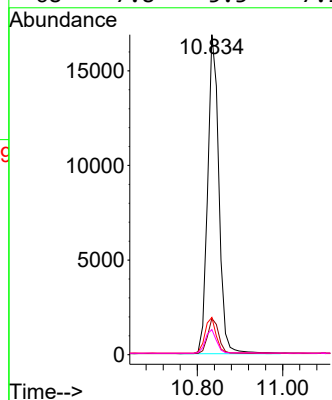
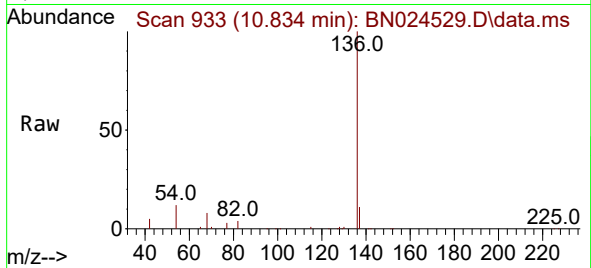




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024529.D
Acq: 24 Mar 2023 04:05

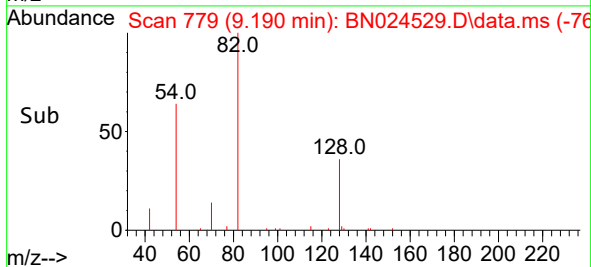
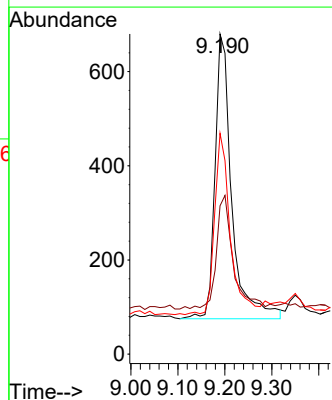
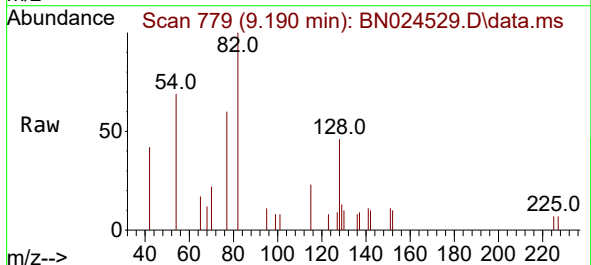
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312DL

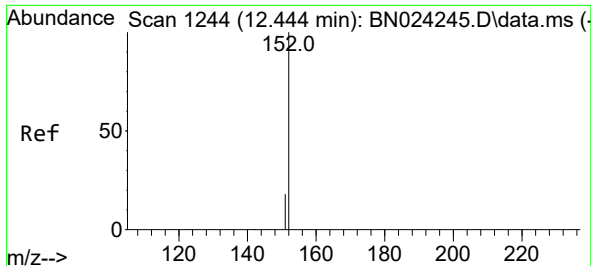
Tgt Ion:136	Resp:	30661
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	11.6	7.1 10.7#
68	7.8	5.3 7.9



#8
Nitrobenzene-d5
Concen: 0.073 ng
RT: 9.190 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN024529.D
Acq: 24 Mar 2023 04:05

Tgt Ion: 82	Resp:	1503
Ion Ratio	Lower	Upper
82	100	
128	46.3	32.4 48.6
54	69.0	45.2 67.8#





#11

2-Methylnaphthalene-d10

Concen: 0.069 ng

RT: 12.421 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN024529.D

Acq: 24 Mar 2023 04:05

Instrument :

BNA_N

ClientSampleId :

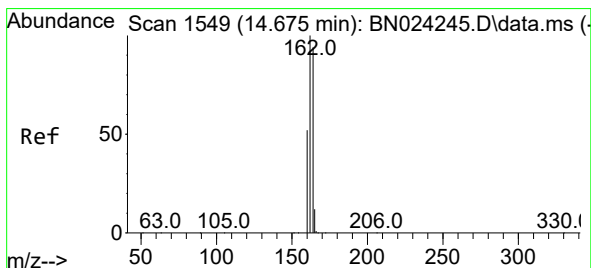
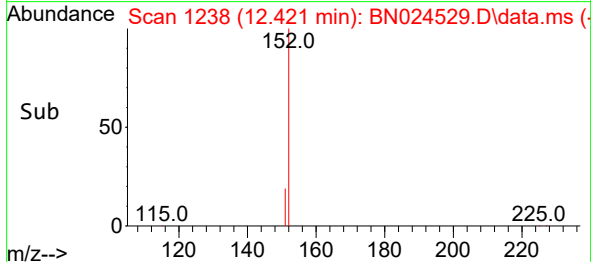
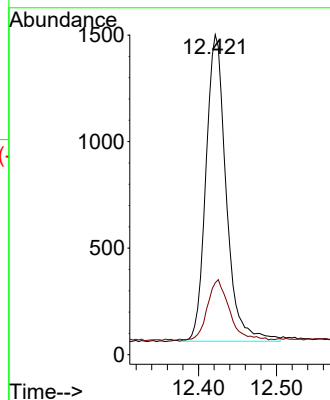
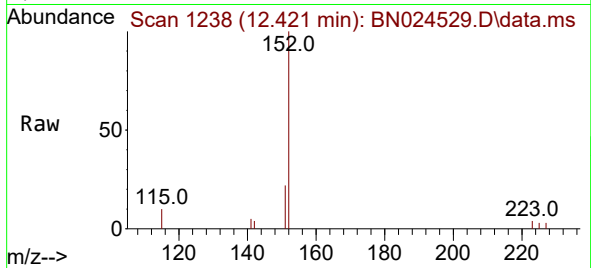
RE131D2-20230312DL

Tgt Ion:152 Resp: 2598

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.654 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BN024529.D

Acq: 24 Mar 2023 04:05

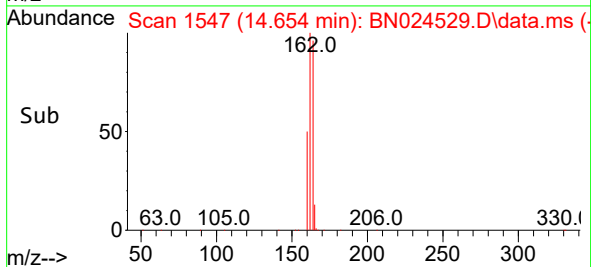
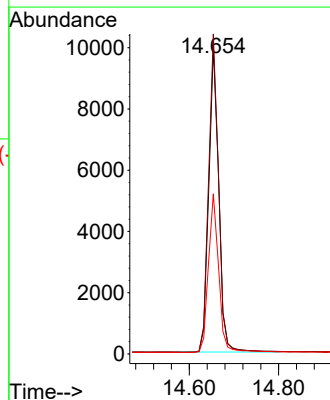
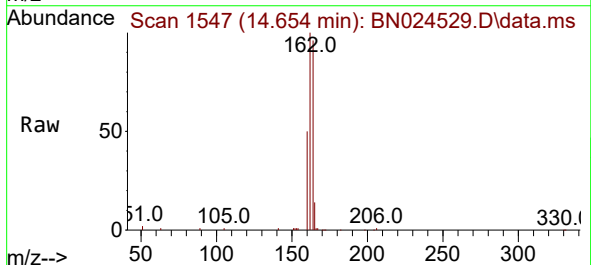
Tgt Ion:164 Resp: 15432

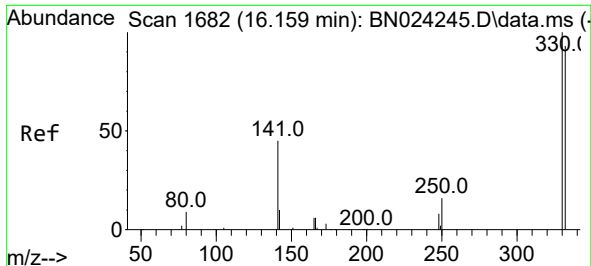
Ion Ratio Lower Upper

164 100

162 104.4 84.7 127.1

160 52.2 44.6 66.8

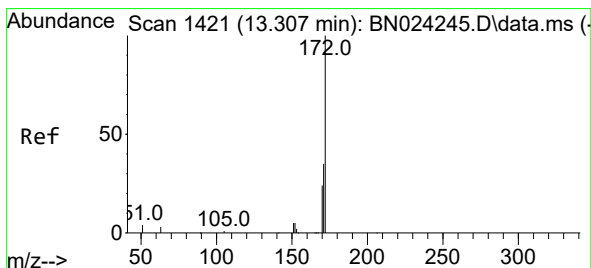
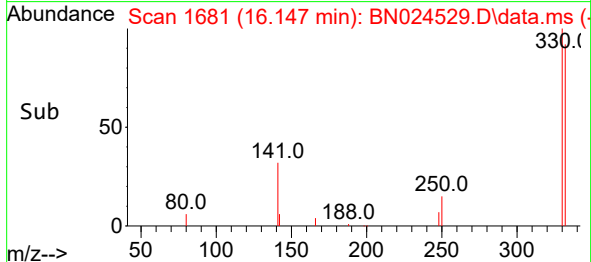
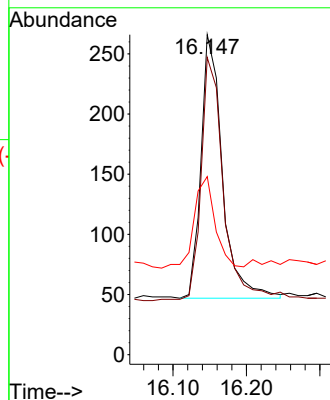
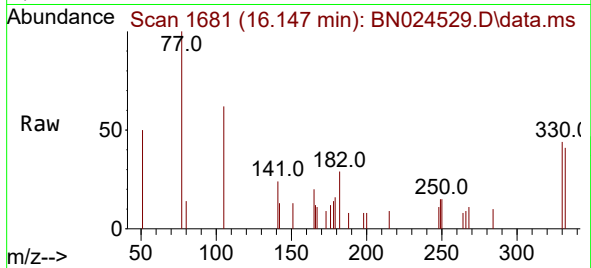




#14
2,4,6-Tribromophenol
Concen: 0.056 ng
RT: 16.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024529.D
Acq: 24 Mar 2023 04:05

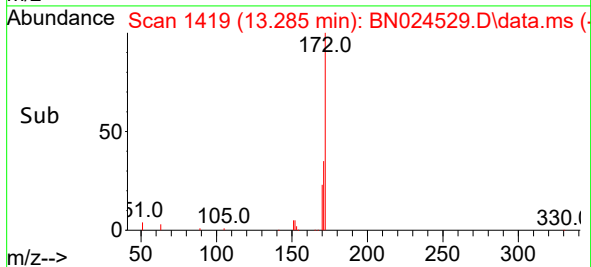
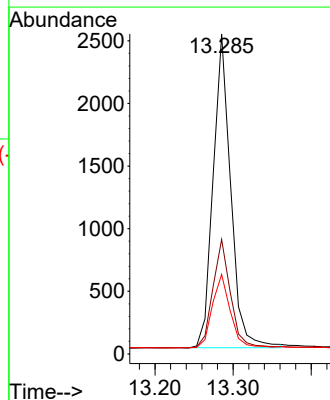
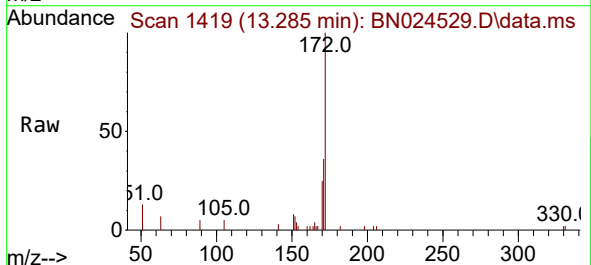
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312DL

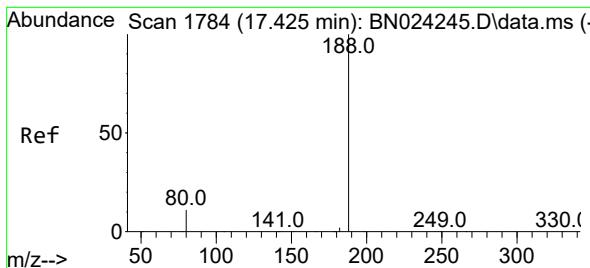
Tgt Ion:330 Resp: 443
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 34.1 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.067 ng
RT: 13.285 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN024529.D
Acq: 24 Mar 2023 04:05

Tgt Ion:172 Resp: 3911
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 24.9 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024529.D

Acq: 24 Mar 2023 04:05

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230312DL

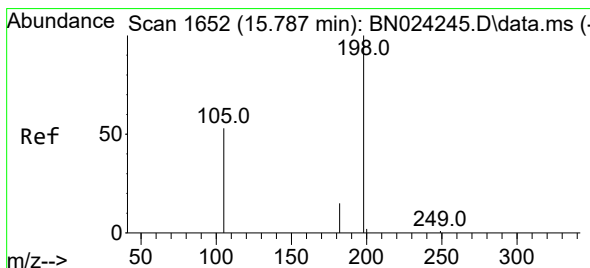
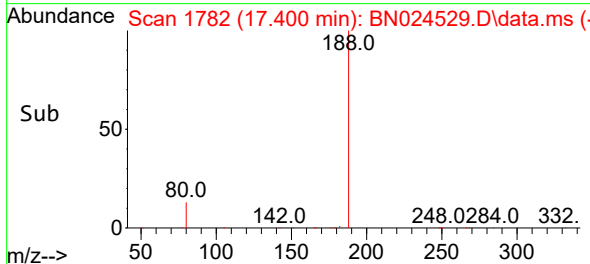
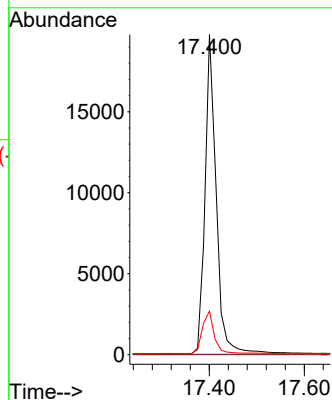
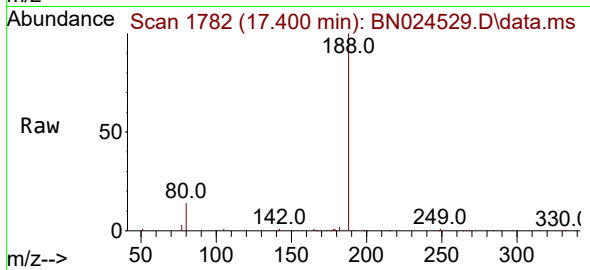
Tgt Ion:188 Resp: 32327

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.749 min Scan# 1649

Delta R.T. -0.025 min

Lab File: BN024529.D

Acq: 24 Mar 2023 04:05

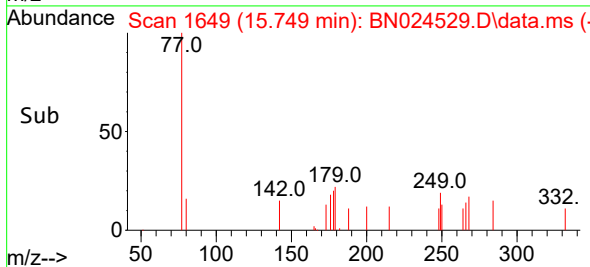
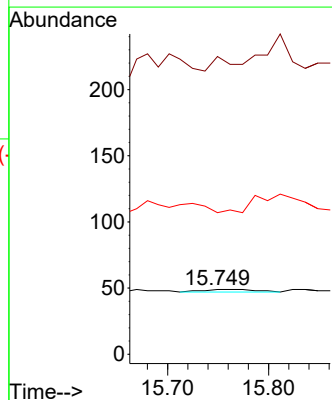
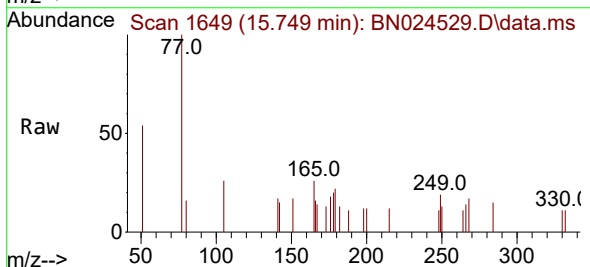
Tgt Ion:198 Resp: 7

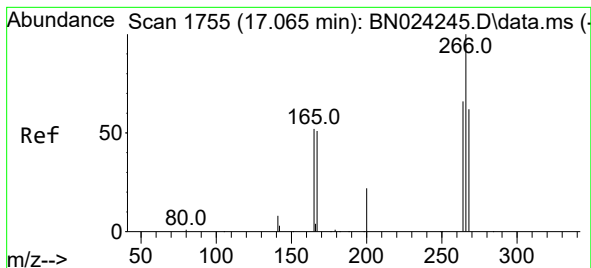
Ion Ratio Lower Upper

198 100

51 459.2 68.2 102.2#

105 218.4 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.065 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN024529.D

Acq: 24 Mar 2023 04:05

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230312DL

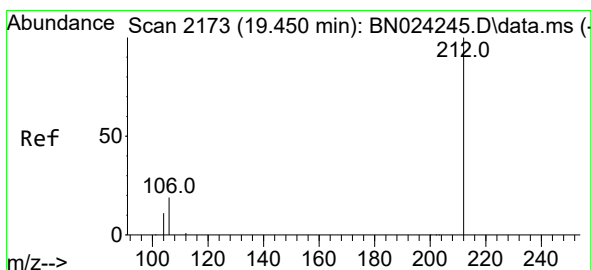
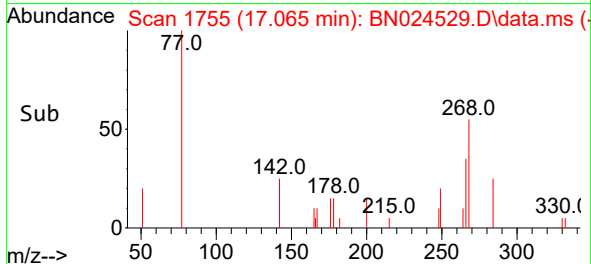
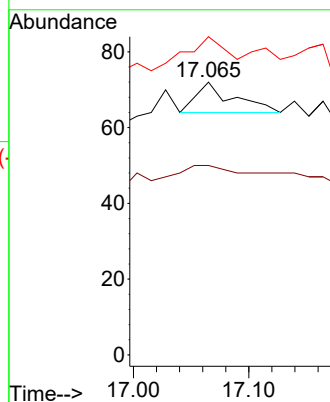
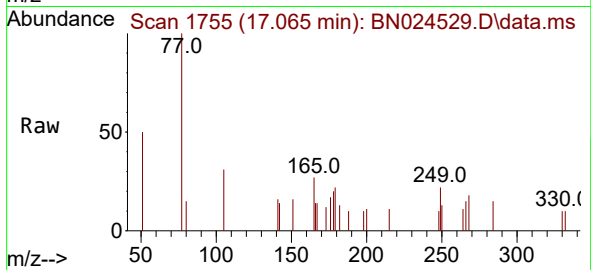
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 0.0 51.1 76.7#

268 122.2 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.079 ng

RT: 19.433 min Scan# 2169

Delta R.T. 0.004 min

Lab File: BN024529.D

Acq: 24 Mar 2023 04:05

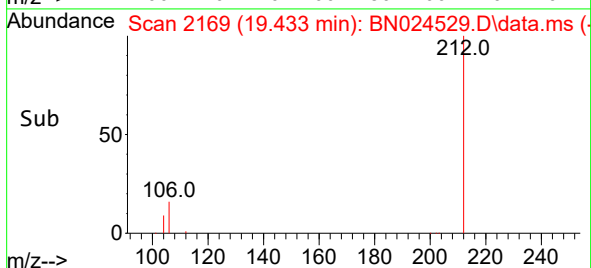
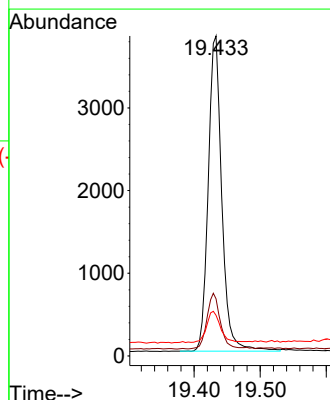
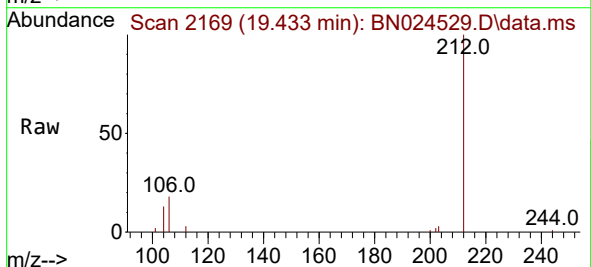
Tgt Ion:212 Resp: 5436

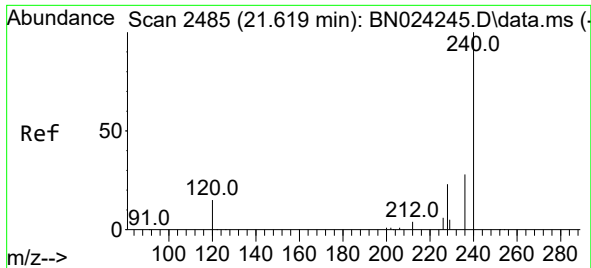
Ion Ratio Lower Upper

212 100

106 17.2 15.4 23.2

104 10.0 8.6 13.0

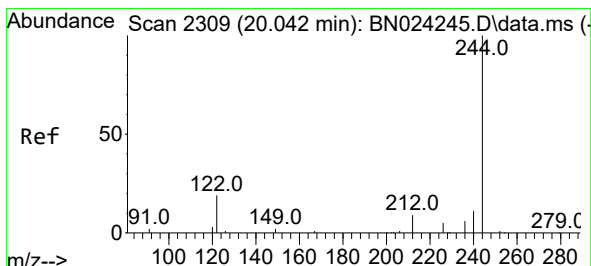
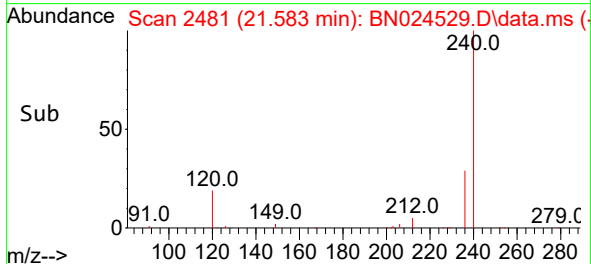
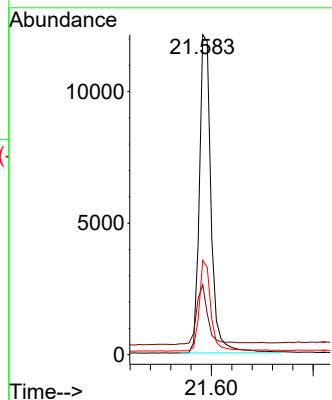
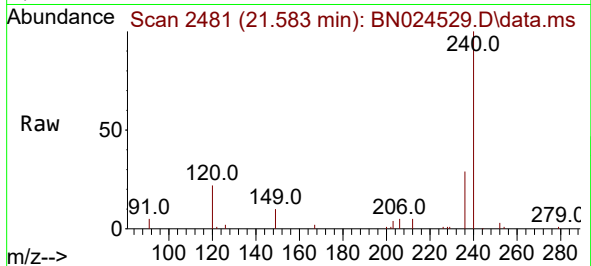




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.583 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN024529.D
Acq: 24 Mar 2023 04:05

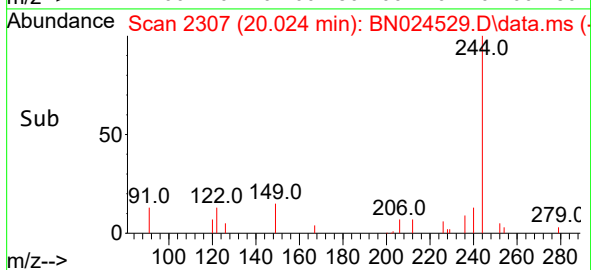
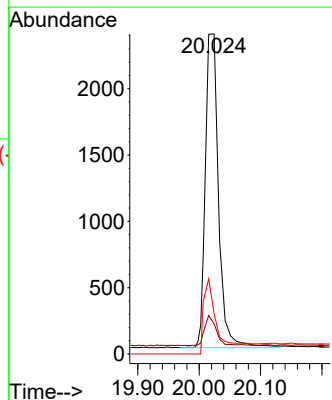
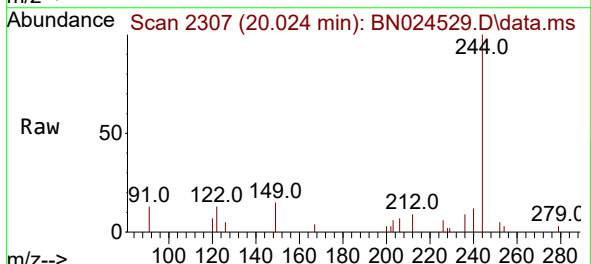
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312DL

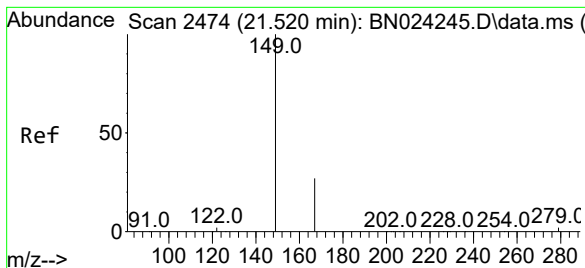
Tgt Ion:240 Resp: 19375
Ion Ratio Lower Upper
240 100
120 21.8 12.8 19.2#
236 29.5 22.5 33.7



#31
Terphenyl-d14
Concen: 0.091 ng
RT: 20.024 min Scan# 2307
Delta R.T. 0.009 min
Lab File: BN024529.D
Acq: 24 Mar 2023 04:05

Tgt Ion:244 Resp: 2958
Ion Ratio Lower Upper
244 100
212 9.4 7.6 11.4
122 12.6 15.1 22.7#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.484 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN024529.D

Acq: 24 Mar 2023 04:05

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230312DL

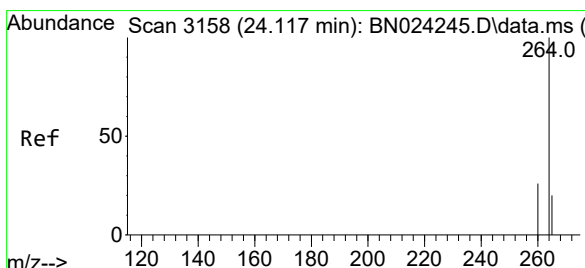
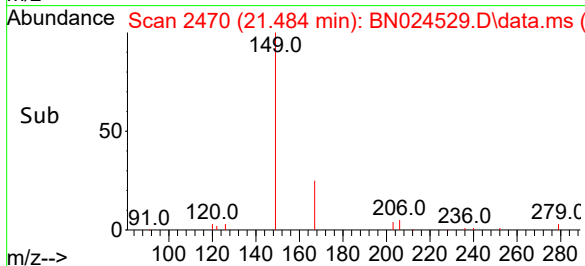
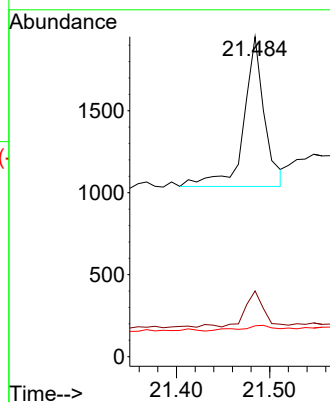
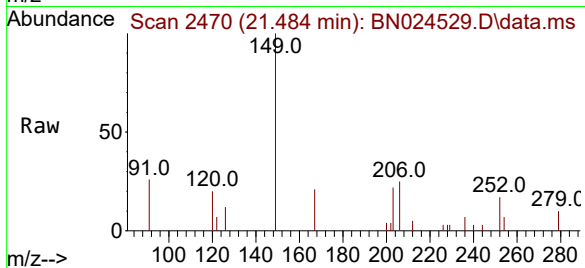
Tgt Ion:149 Resp: 1407

Ion Ratio Lower Upper

149 100

167 21.2 21.2 31.8#

279 6.0 1.8 2.8#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.073 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BN024529.D

Acq: 24 Mar 2023 04:05

Tgt Ion:264 Resp: 16019

Ion Ratio Lower Upper

264 100

260 26.2 21.4 32.2

265 80.6 35.7 53.5#

