

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024464.D
 Acq On : 22 Mar 2023 02:11
 Operator : CG/JU
 Sample : 01903-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230312

Quant Time: Mar 22 04:17:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

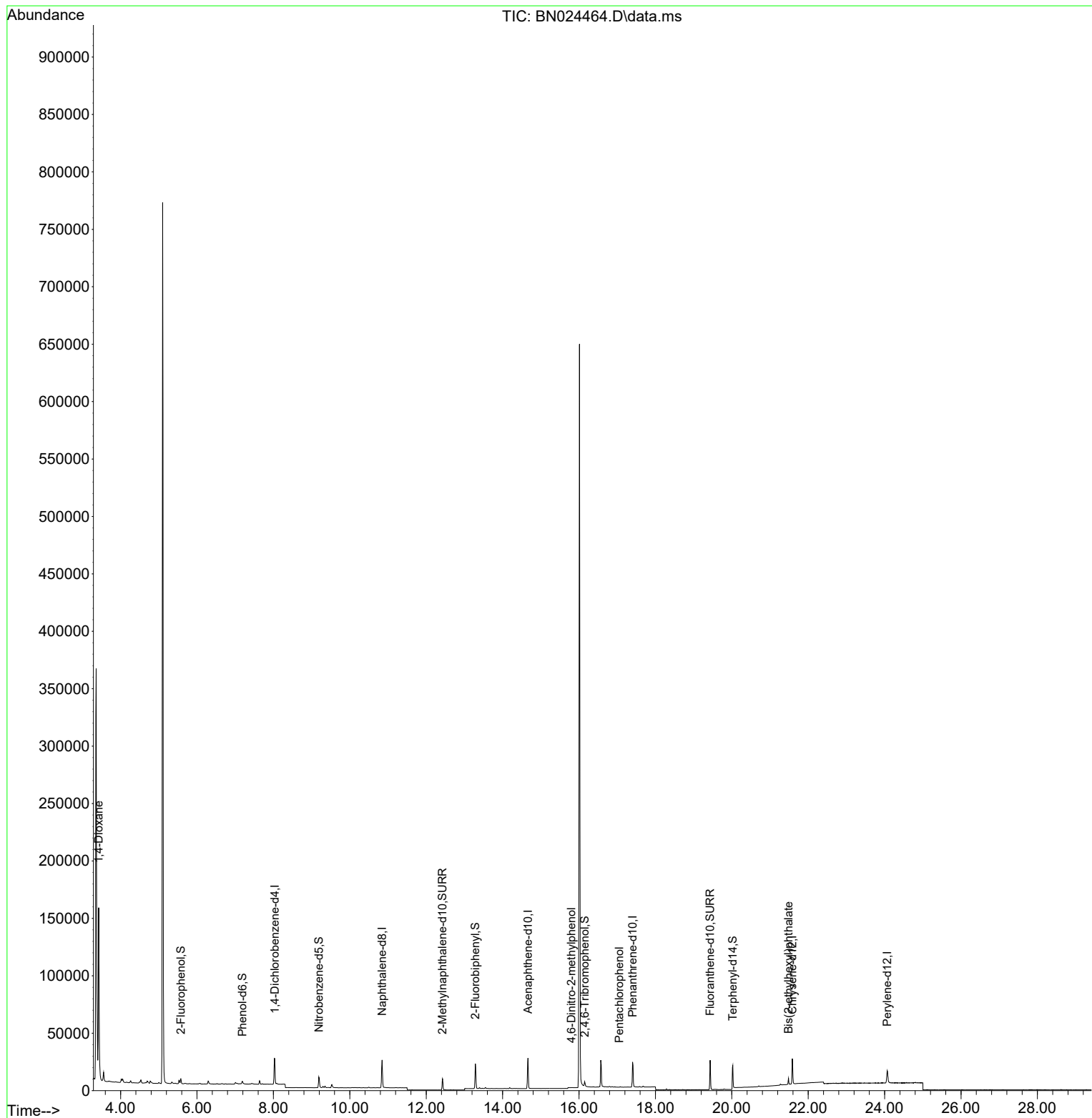
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	10551	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	30674	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	15580	0.400	ng	0.00
19) Phenanthrene-d10	17.401	188	32135	0.400	ng	#-0.01
29) Chrysene-d12	21.583	240	21453	0.400	ng	# 0.00
35) Perylene-d12	24.071	264	16886	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3379	0.145	ng	0.00
5) Phenol-d6	7.188	99	2264	0.075	ng	0.00
8) Nitrobenzene-d5	9.190	82	7774	0.379	ng	0.00
11) 2-Methylnaphthalene-d10	12.426	152	12999	0.345	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2381	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	19567	0.332	ng	-0.01
27) Fluoranthene-d10	19.434	212	26814	0.394	ng	0.00
31) Terphenyl-d14	20.025	244	14710	0.407	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	90343	7.869	ng	99
20) 4,6-Dinitro-2-methylph...	15.799	198	6	0.179	ng	# 1
24) Pentachlorophenol	17.053	266	24	0.130	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.485	149	5053	0.150	ng	# 97

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

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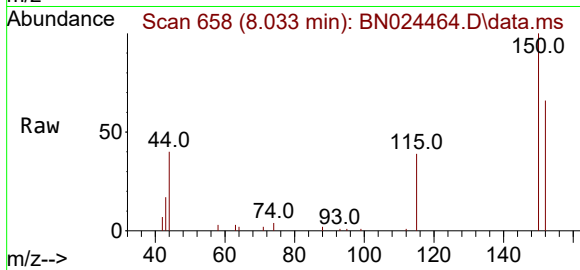
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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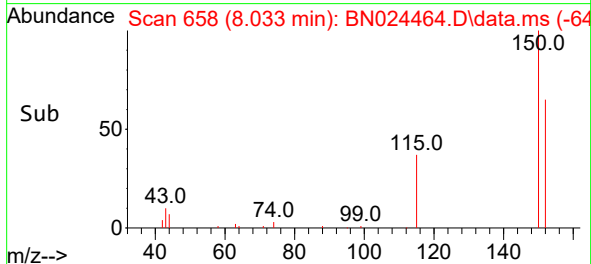
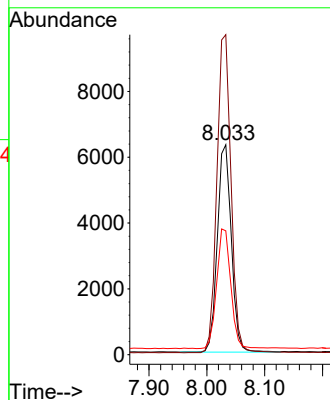


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.033 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312

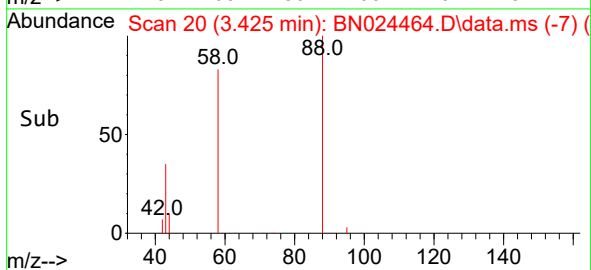
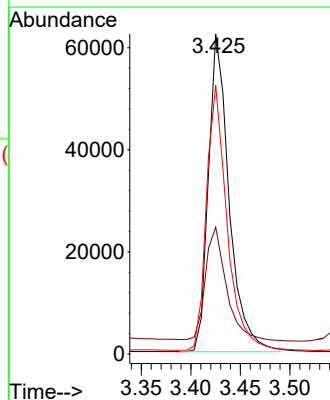
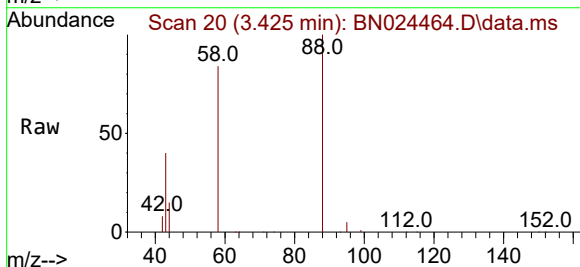


Tgt Ion:152 Resp: 10551
Ion Ratio Lower Upper
152 100
150 152.4 124.7 187.1
115 59.0 49.1 73.7



#2
1,4-Dioxane
Concen: 7.869 ng
RT: 3.425 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Tgt Ion: 88 Resp: 90343
Ion Ratio Lower Upper
88 100
43 36.0 29.0 43.4
58 82.8 67.3 100.9

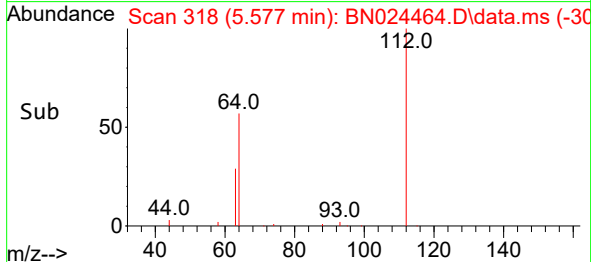
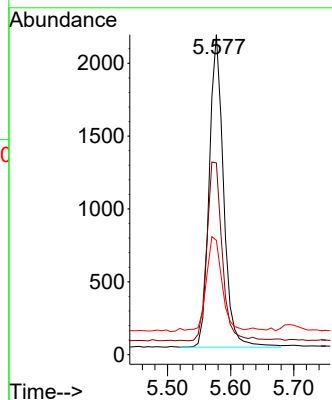
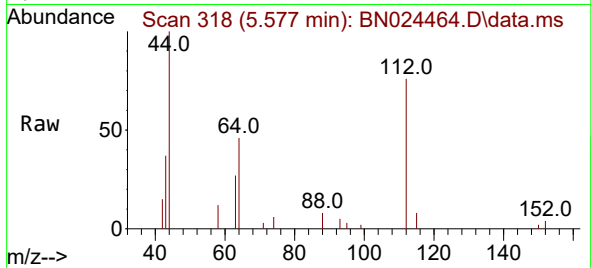




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

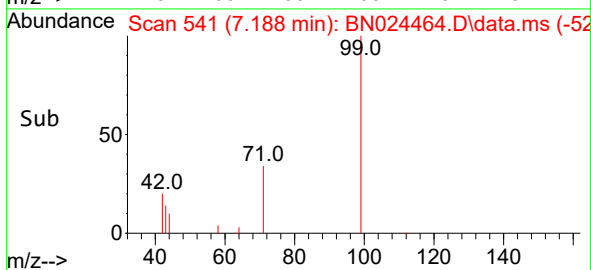
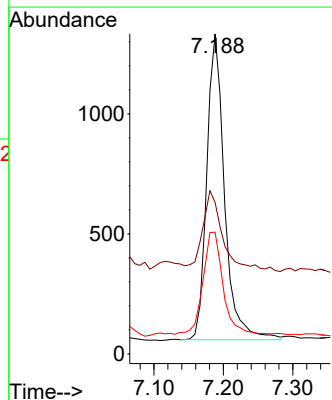
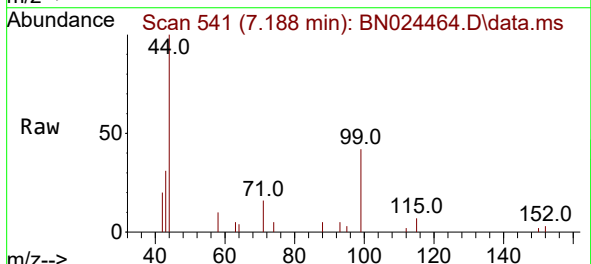
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312

Tgt Ion:112 Resp: 3379
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.6
63 31.4 25.7 38.5



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Tgt Ion: 99 Resp: 2264
Ion Ratio Lower Upper
99 100
42 30.7 20.1 30.1#
71 37.4 25.8 38.8

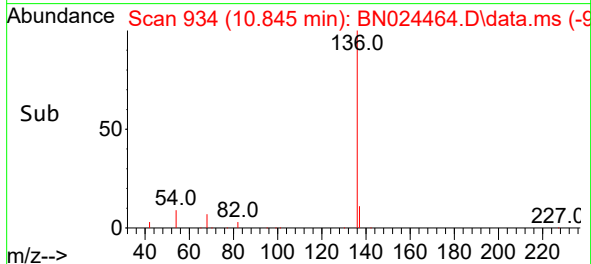
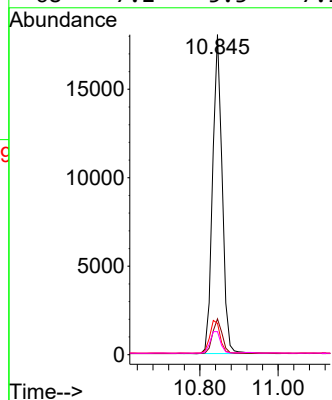
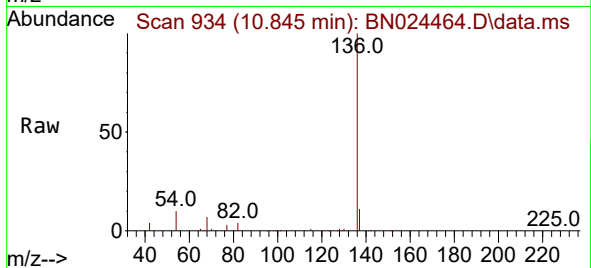




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

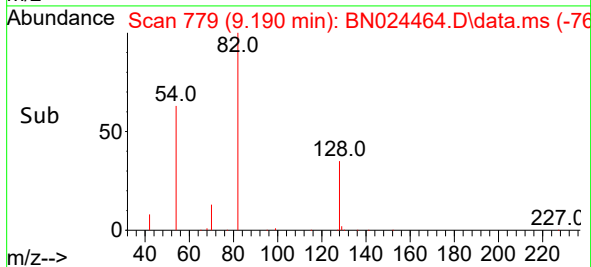
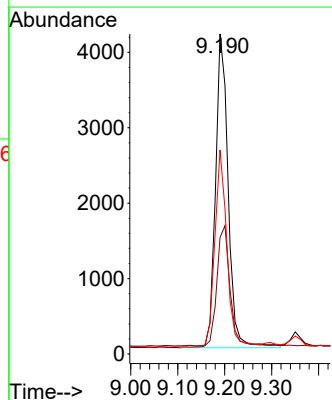
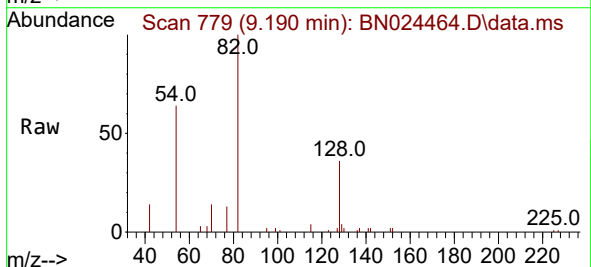
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312

Tgt Ion:	136	Resp:	30674
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.8	7.1	10.7
68	7.2	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 9.190 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Tgt Ion:	82	Resp:	7774
Ion Ratio	Lower	Upper	
82	100		
128	36.4	32.4	48.6
54	63.7	45.2	67.8

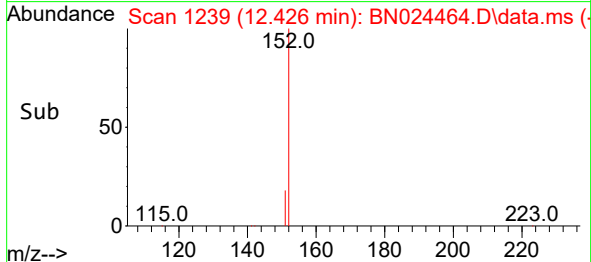
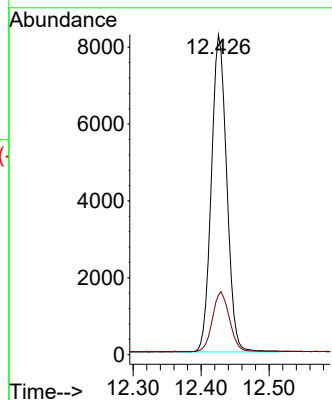
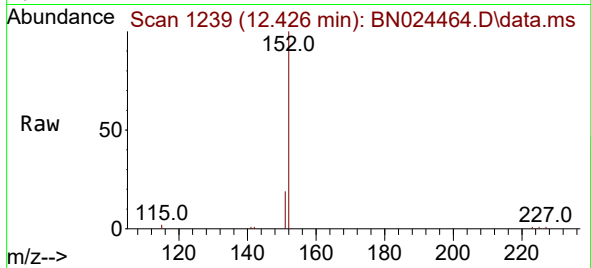




#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.426 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

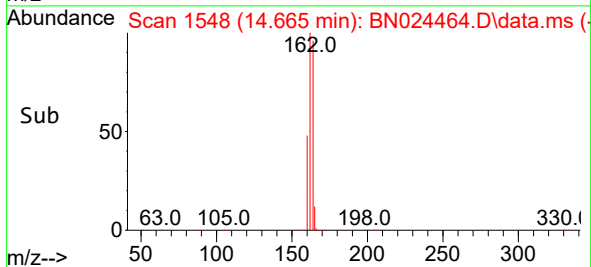
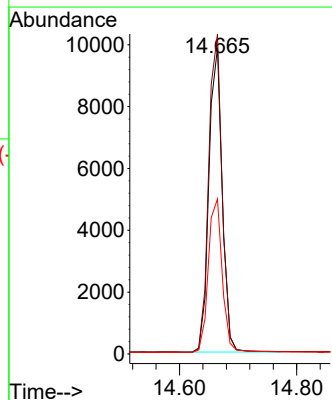
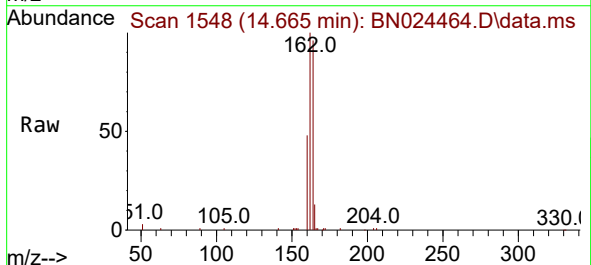
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312

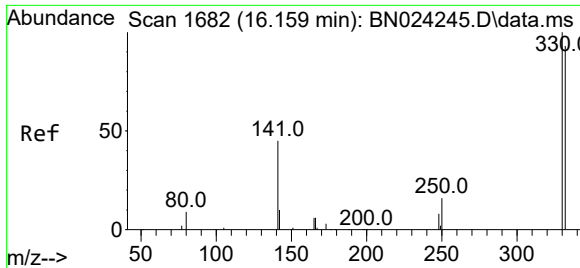
Tgt Ion:152 Resp: 12999
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Tgt Ion:164 Resp: 15580
Ion Ratio Lower Upper
164 100
162 104.5 84.7 127.1
160 50.6 44.6 66.8

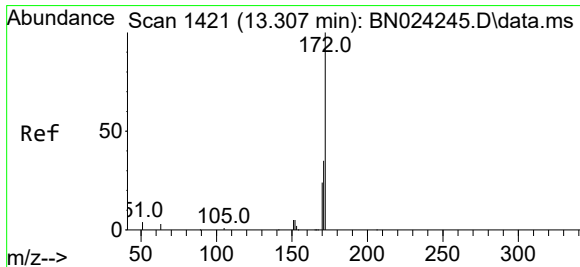
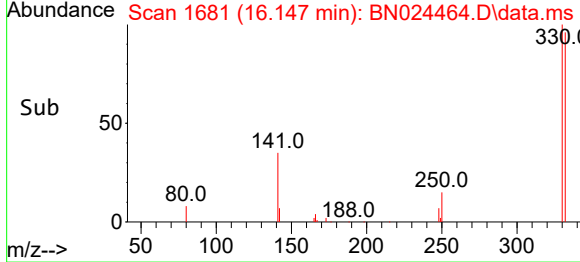
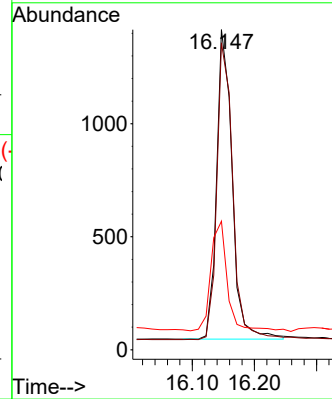
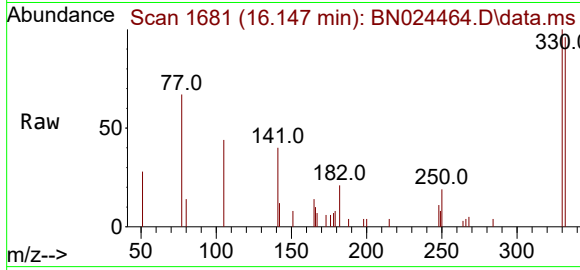




#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 16.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

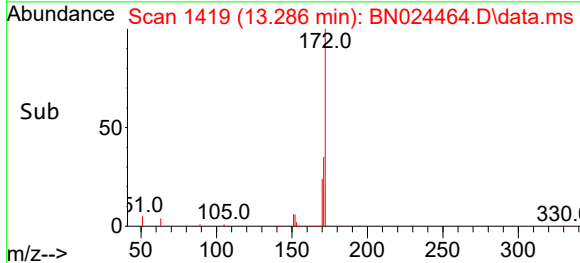
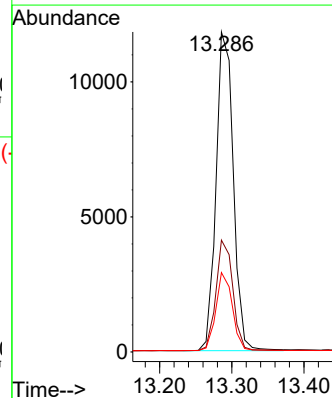
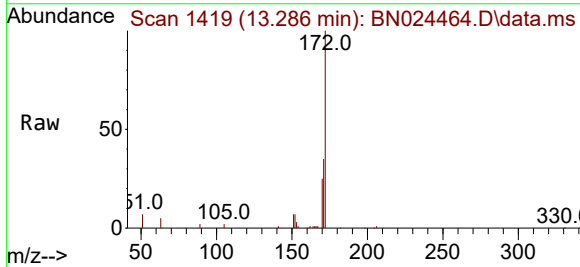
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312

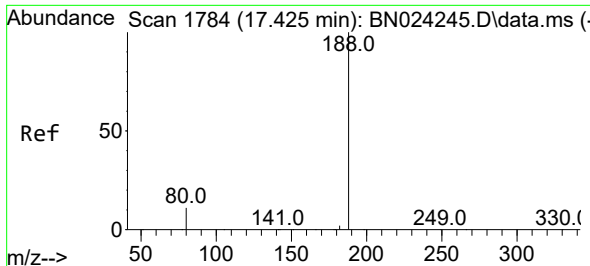
Tgt Ion:330 Resp: 2381
Ion Ratio Lower Upper
330 100
332 98.1 78.0 117.0
141 37.0 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.286 min Scan# 1419
Delta R.T. -0.011 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Tgt Ion:172 Resp: 19567
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.8 19.0 28.6

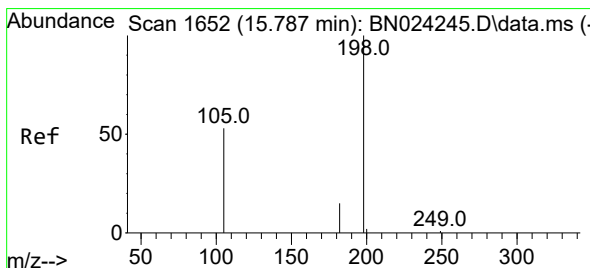
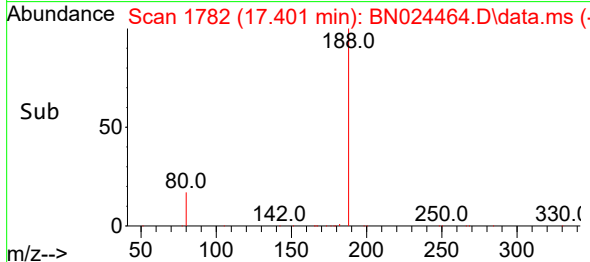
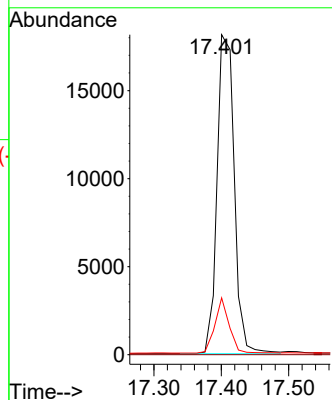
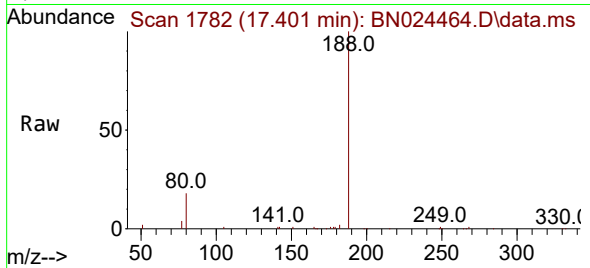




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.401 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

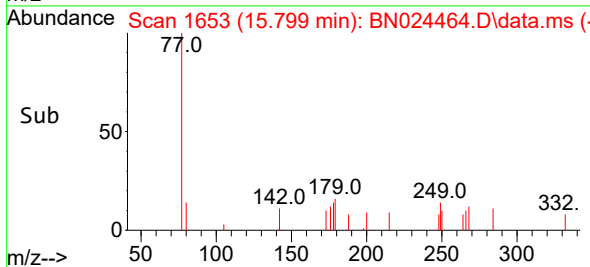
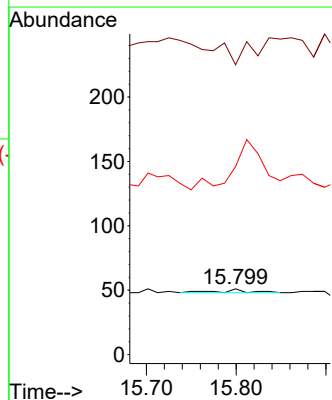
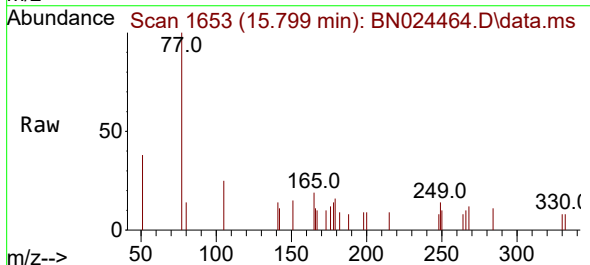
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312

Tgt Ion:188 Resp: 32135
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.8 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.799 min Scan# 1653
Delta R.T. 0.013 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 441.2 68.2 102.2#
105 286.3 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.053 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN024464.D

Acq: 22 Mar 2023 02:11

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230312

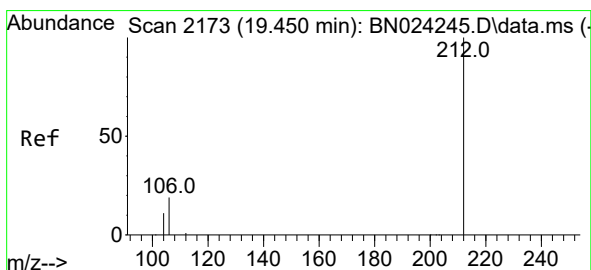
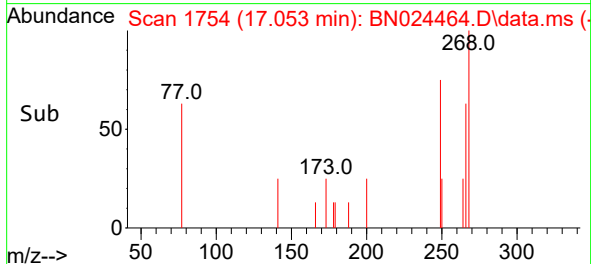
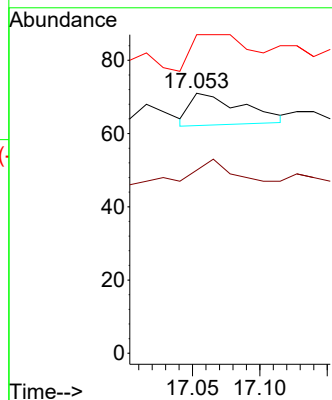
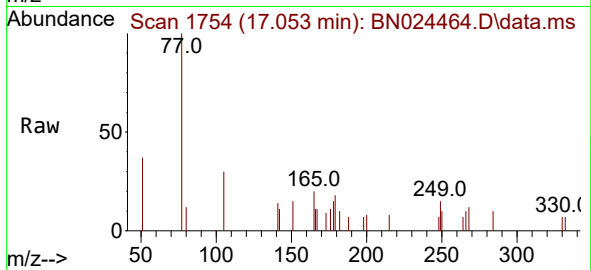
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 41.7 51.1 76.7#

268 129.2 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.434 min Scan# 2169

Delta R.T. -0.004 min

Lab File: BN024464.D

Acq: 22 Mar 2023 02:11

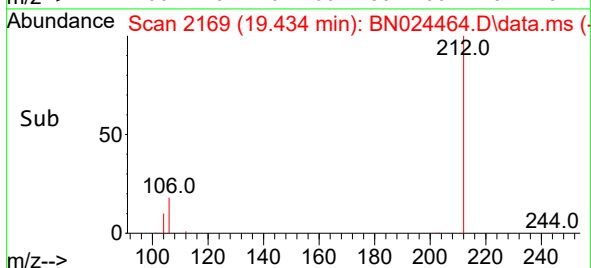
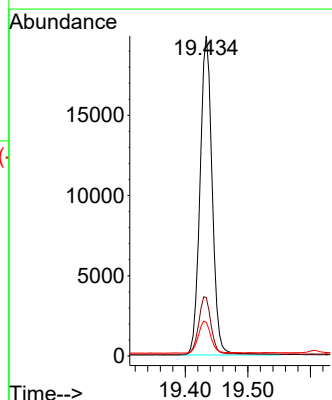
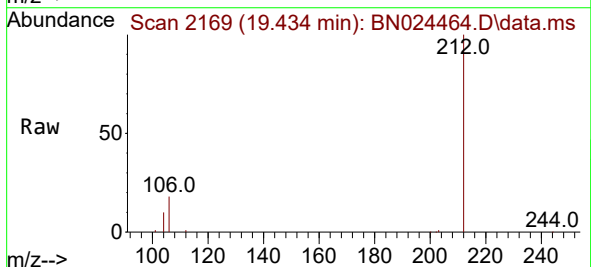
Tgt Ion:212 Resp: 26814

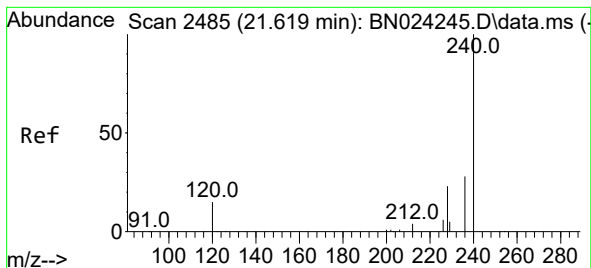
Ion Ratio Lower Upper

212 100

106 18.3 15.4 23.2

104 10.4 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.583 min Scan# 2481

Delta R.T. -0.009 min

Lab File: BN024464.D

Acq: 22 Mar 2023 02:11

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230312

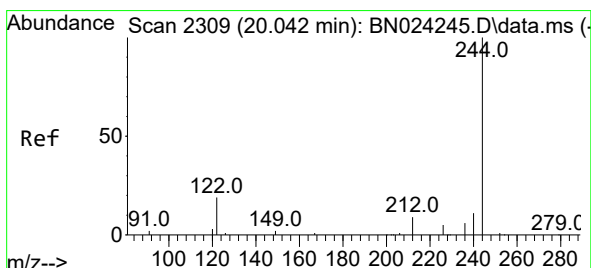
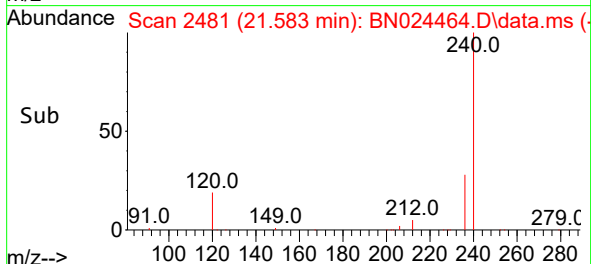
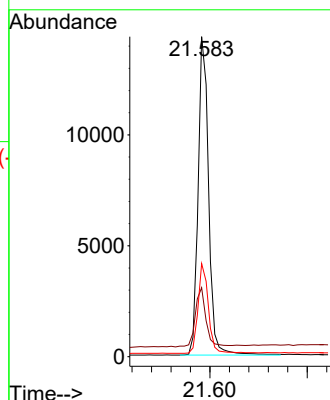
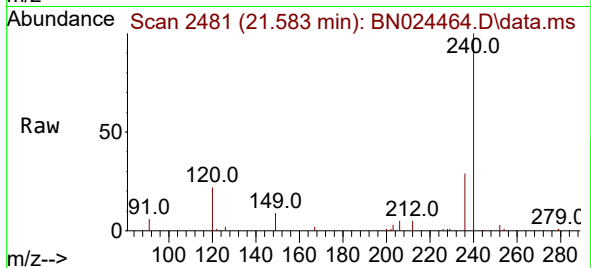
Tgt Ion:240 Resp: 21453

Ion Ratio Lower Upper

240 100

120 21.5 12.8 19.2#

236 29.1 22.5 33.7



#31

Terphenyl-d14

Concen: 0.407 ng

RT: 20.025 min Scan# 2307

Delta R.T. 0.000 min

Lab File: BN024464.D

Acq: 22 Mar 2023 02:11

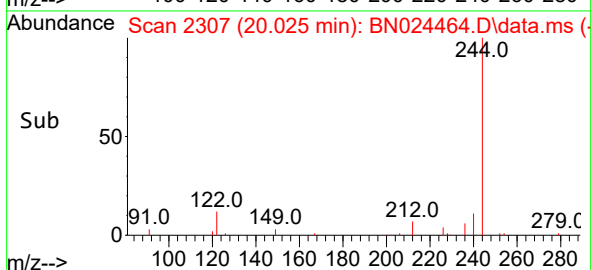
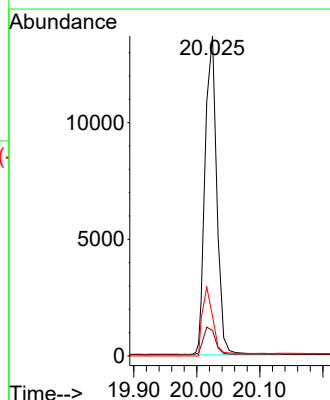
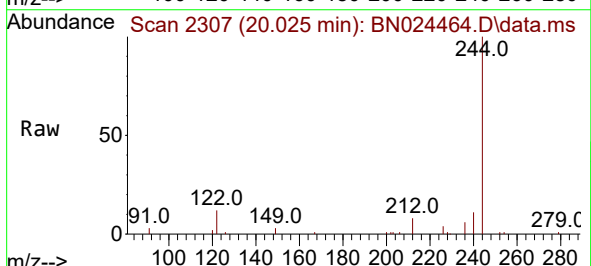
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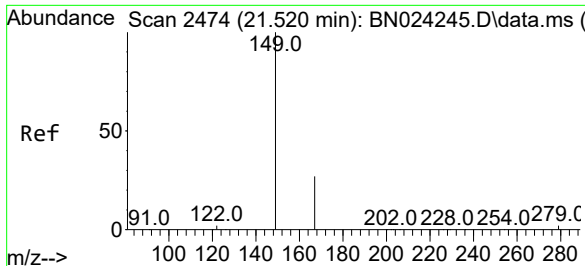
Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

122 12.4 15.1 22.7#

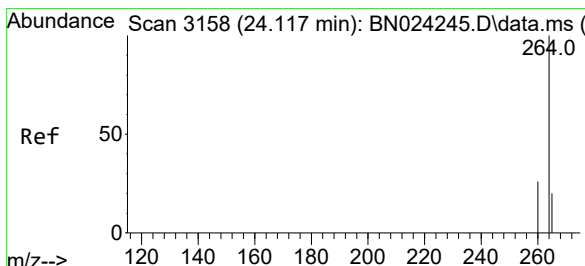
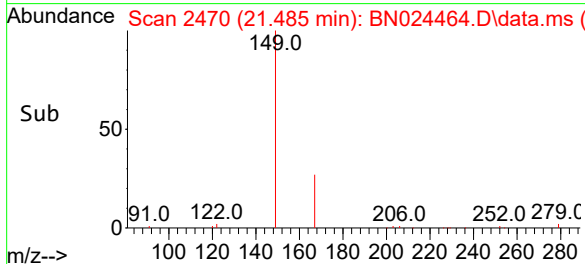
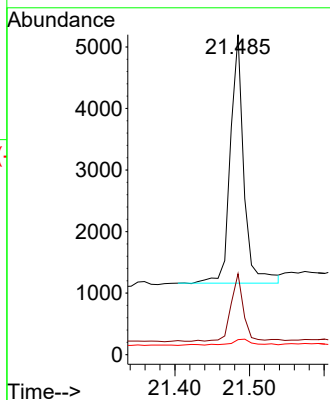
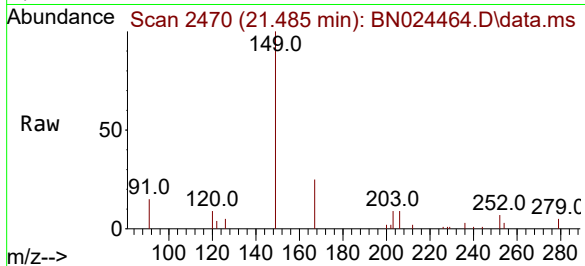




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.485 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312

Tgt Ion:149 Resp: 5053
Ion Ratio Lower Upper
149 100
167 24.9 21.2 31.8
279 3.6 1.8 2.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.071 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Tgt Ion:264 Resp: 16886
Ion Ratio Lower Upper
264 100
260 26.6 21.4 32.2
265 76.1 35.7 53.5#

