

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024518.D
 Acq On : 23 Mar 2023 19:31
 Operator : CG/JU
 Sample : 01904-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230313

Quant Time: Mar 24 02:38:10 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 02:34:14 2023
 Response via : Initial Calibration

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

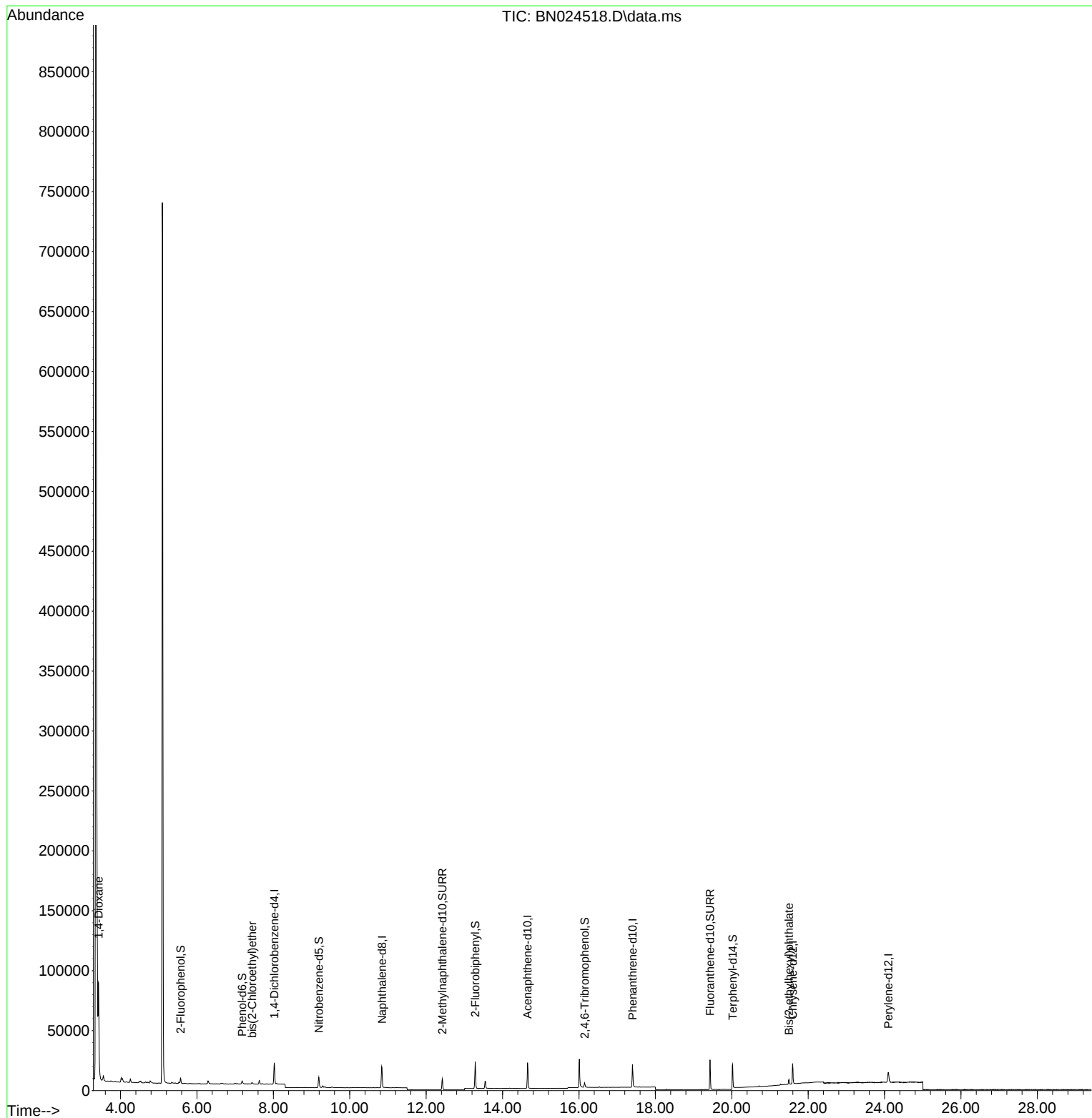
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	8470	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	24275	0.400	ng	0.01
13) Acenaphthene-d10	14.654	164	12309	0.400	ng	0.00
19) Phenanthrene-d10	17.401	188	26186	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	17040	0.400	ng	# 0.00
35) Perylene-d12	24.097	264	14488	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3674	0.196	ng	0.00
5) Phenol-d6	7.181	99	2541	0.105	ng	0.00
8) Nitrobenzene-d5	9.190	82	7291	0.450	ng	0.00
11) 2-Methylnaphthalene-d10	12.422	152	12685	0.425	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2320	0.369	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	19005	0.409	ng	0.00
27) Fluoranthene-d10	19.434	212	27791	0.501	ng	0.00
31) Terphenyl-d14	20.025	244	15979	0.556	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	45692	4.958	ng	Qvalue 98
6) bis(2-Chloroethyl)ether	7.441	93	807	0.034	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.494	149	3903	0.146	ng	# 96

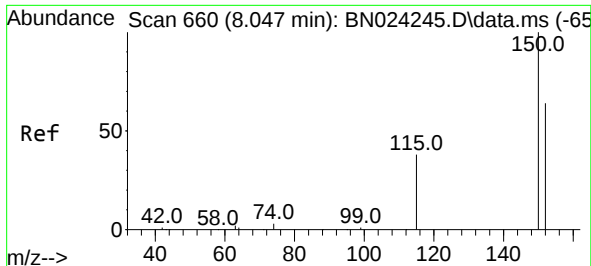
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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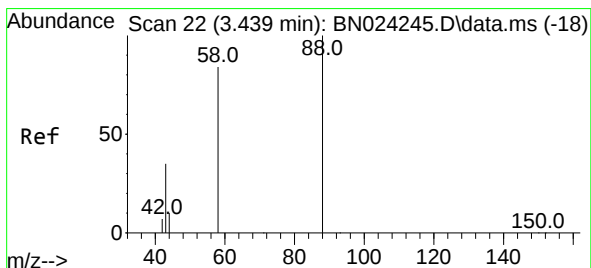
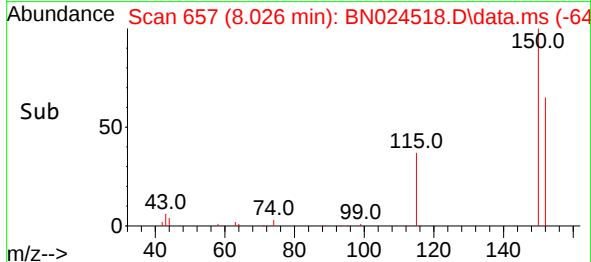
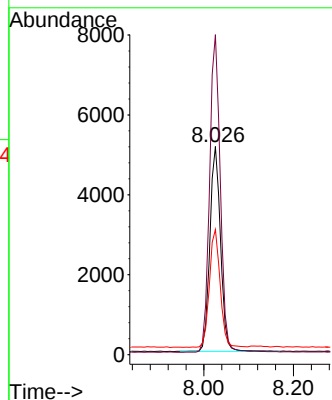
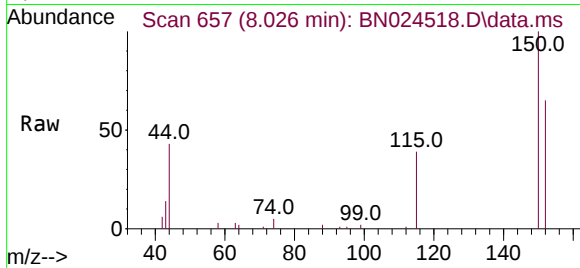




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.026 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024518.D
 Acq: 23 Mar 2023 19:31

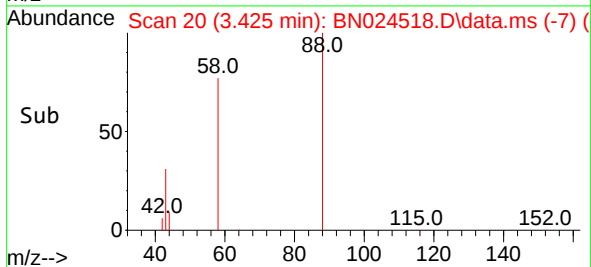
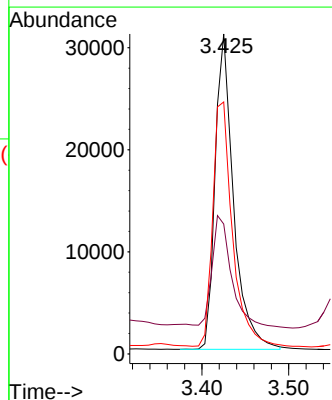
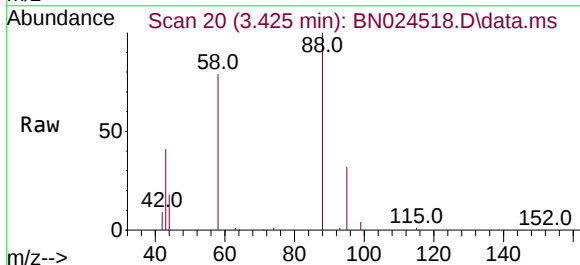
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230313

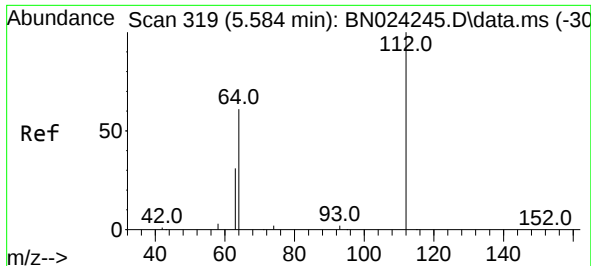
Tgt Ion:152 Resp: 8470
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.7 187.1
 115 60.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.958 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN024518.D
 Acq: 23 Mar 2023 19:31

Tgt Ion: 88 Resp: 45692
 Ion Ratio Lower Upper
 88 100
 43 36.9 29.0 43.4
 58 82.5 67.3 100.9

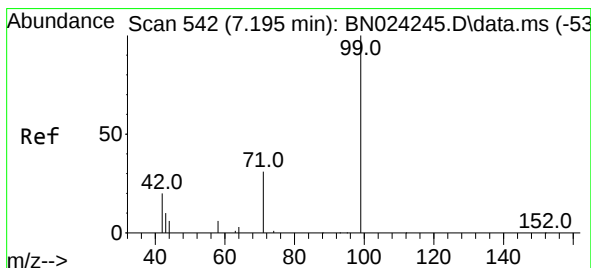
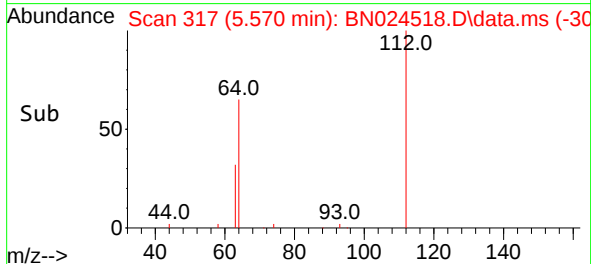
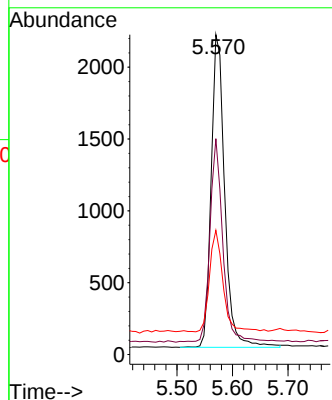
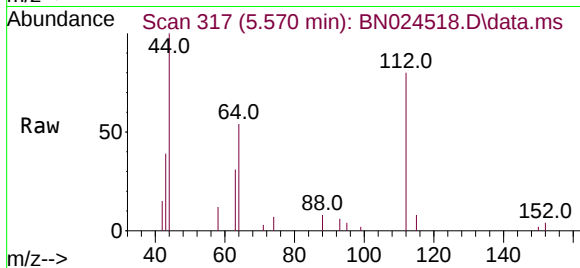




#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.570 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

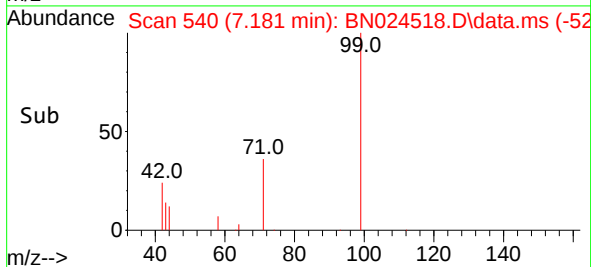
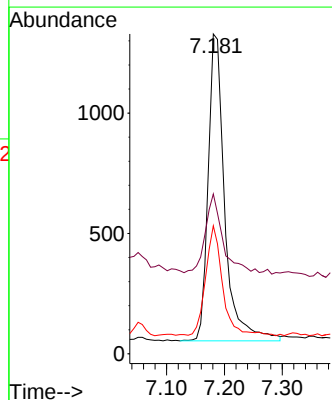
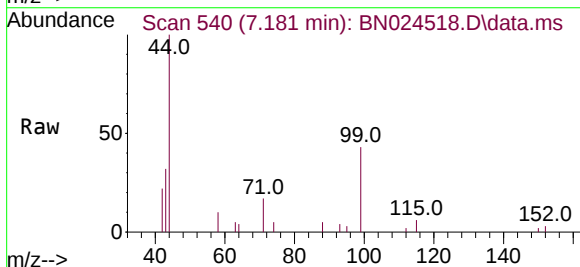
Instrument :
BNA_N
ClientSampleId :
RE137-20230313

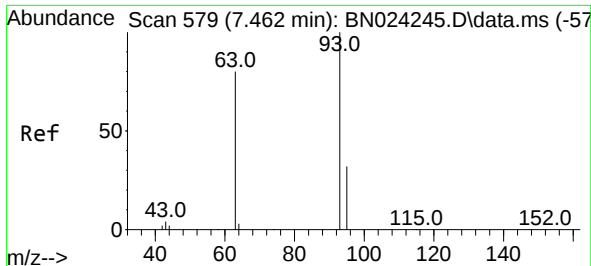
Tgt Ion:112 Resp: 3674
Ion Ratio Lower Upper
112 100
64 62.6 49.0 73.6
63 32.6 25.7 38.5



#5
Phenol-d6
Concen: 0.105 ng
RT: 7.181 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

Tgt Ion: 99 Resp: 2541
Ion Ratio Lower Upper
99 100
42 26.5 20.1 30.1
71 36.7 25.8 38.8

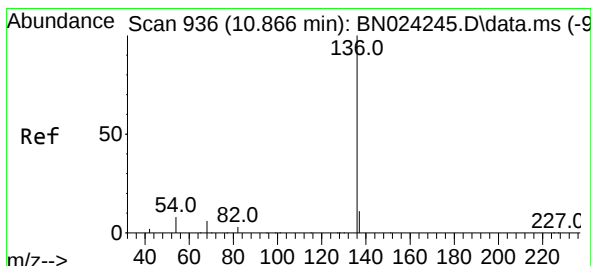
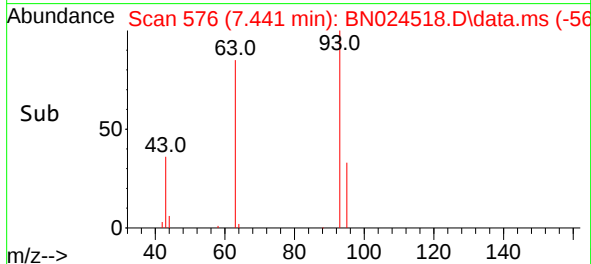
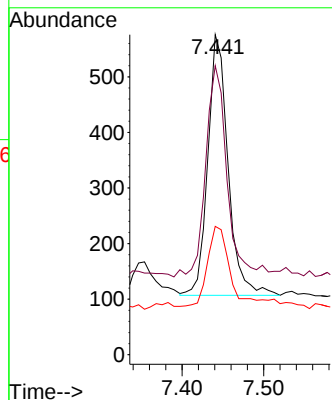
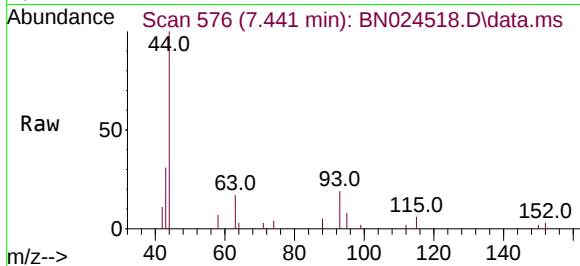




#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 7.441 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

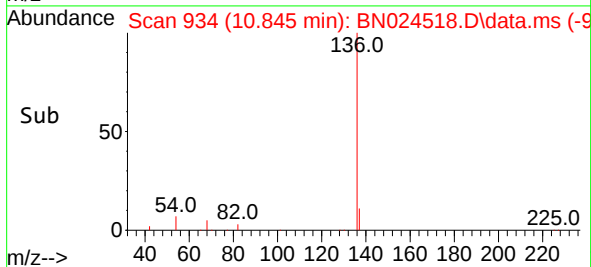
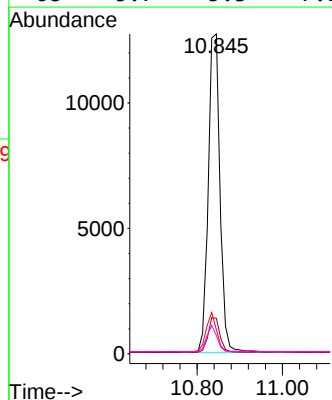
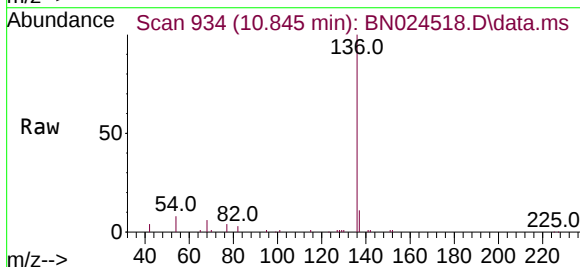
Instrument :
BNA_N
ClientSampleId :
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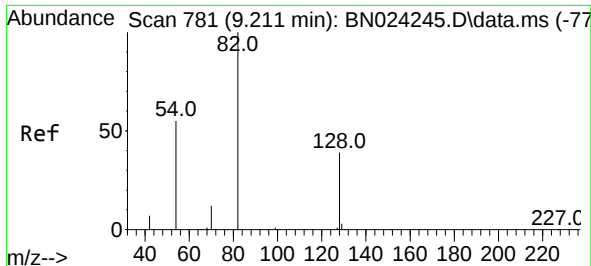
Tgt Ion: 93 Resp: 807
Ion Ratio Lower Upper
93 100
63 86.0 65.4 98.2
95 40.4 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 934
Delta R.T. 0.011 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

Tgt Ion: 136 Resp: 24275
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 7.1 10.7
68 5.7 5.3 7.9

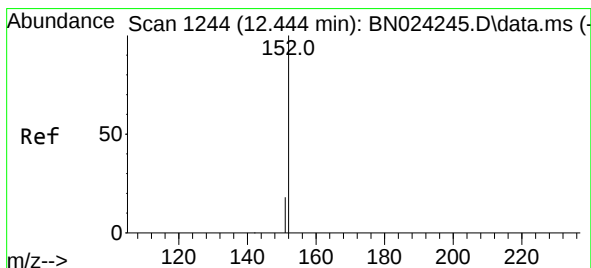
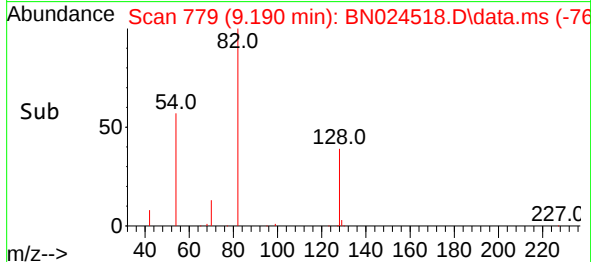
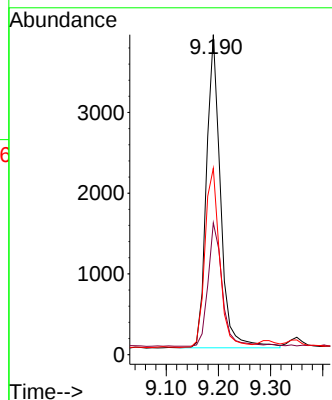
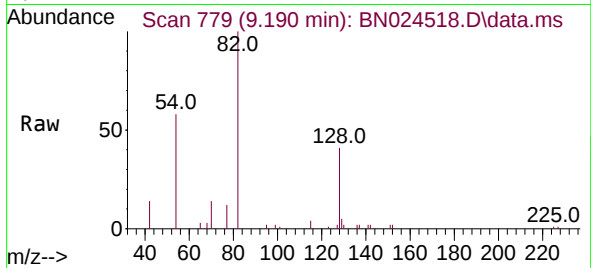




#8
Nitrobenzene-d5
Concen: 0.450 ng
RT: 9.190 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

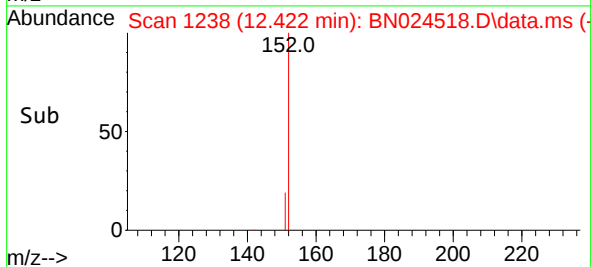
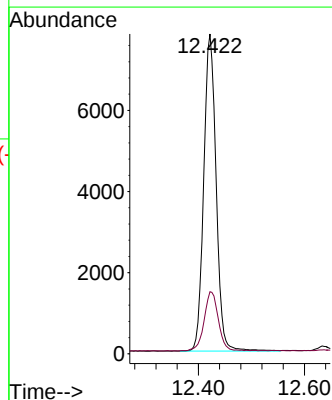
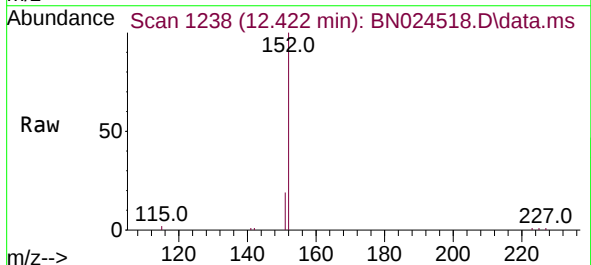
Instrument :
BNA_N
ClientSampleId :
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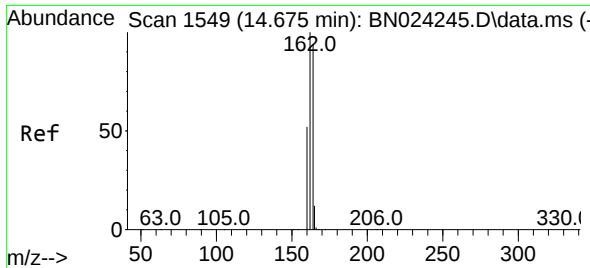
Tgt Ion: 82 Resp: 7291
Ion Ratio Lower Upper
82 100
128 41.2 32.4 48.6
54 58.2 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.422 min Scan# 1238
Delta R.T. 0.004 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

Tgt Ion: 152 Resp: 12685
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2

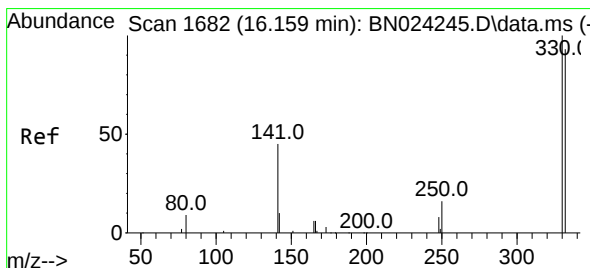
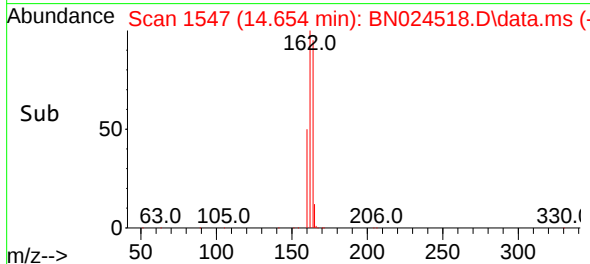
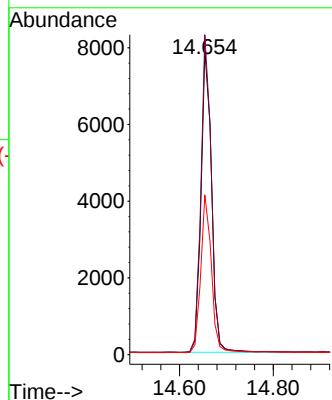
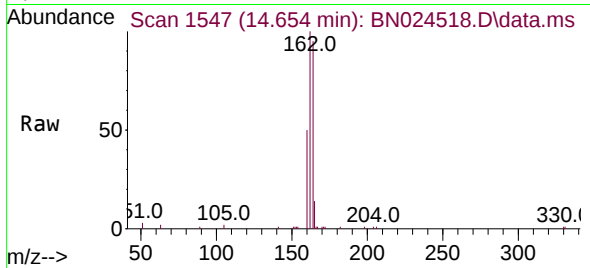




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

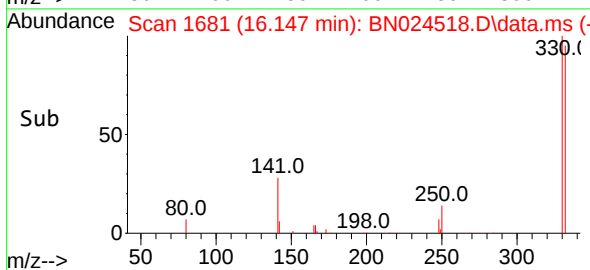
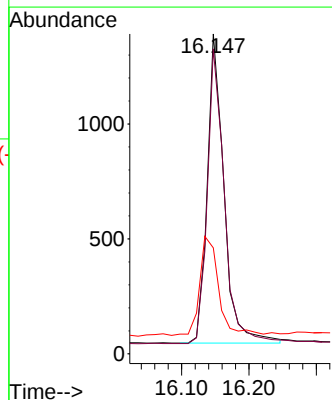
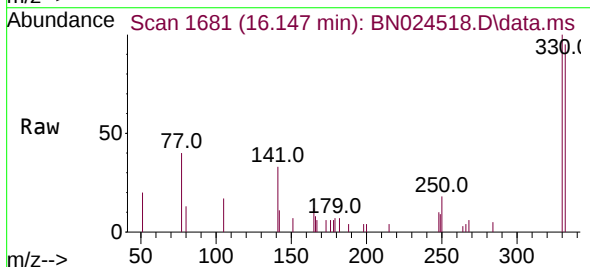
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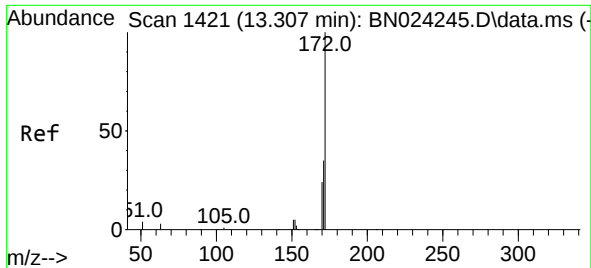
Tgt Ion:	164	Resp:	12309
Ion	Ratio	Lower	Upper
164	100		
162	105.3	84.7	127.1
160	52.6	44.6	66.8



#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 16.147 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

Tgt Ion:	330	Resp:	2320
Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.0	117.0
141	36.7	30.8	46.2

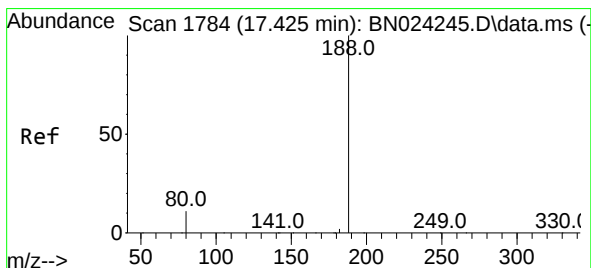
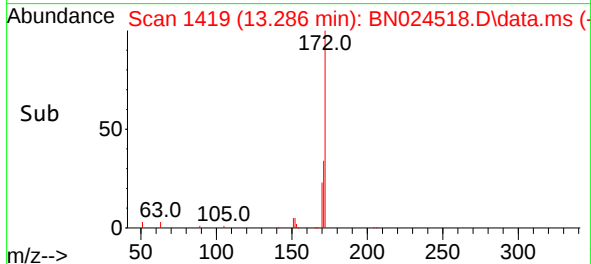
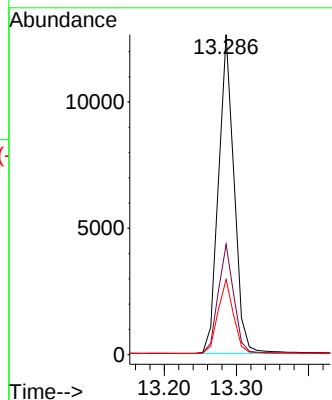
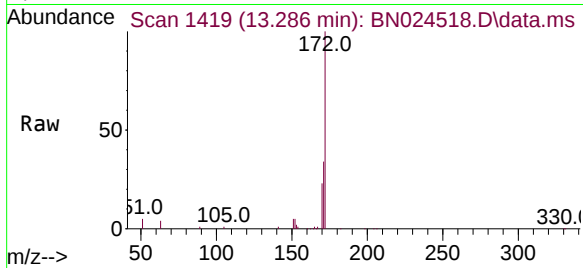




#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.286 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

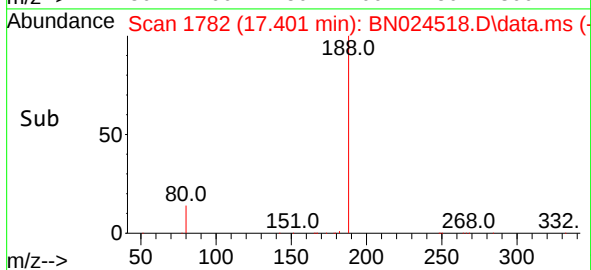
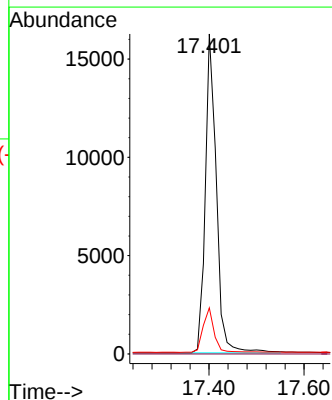
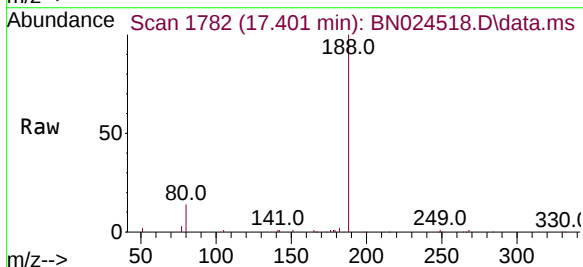
Instrument :
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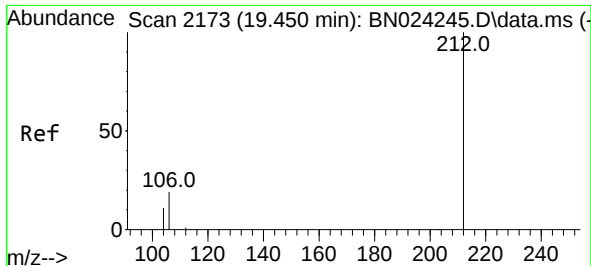
Tgt Ion:	172	Resp:	19005
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.8	41.8
170	23.5	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.401 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

Tgt Ion:	188	Resp:	26186
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.4	8.9	13.3

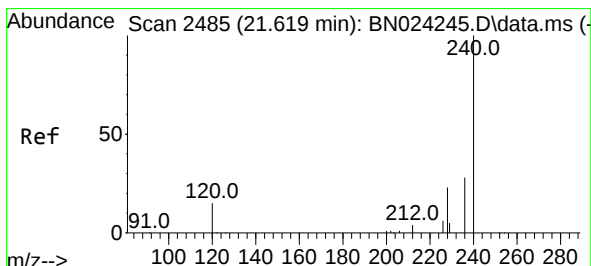
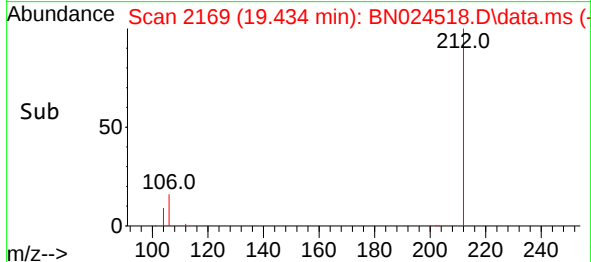
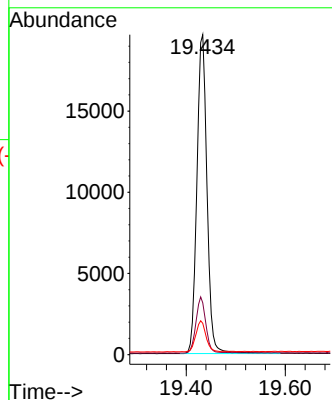
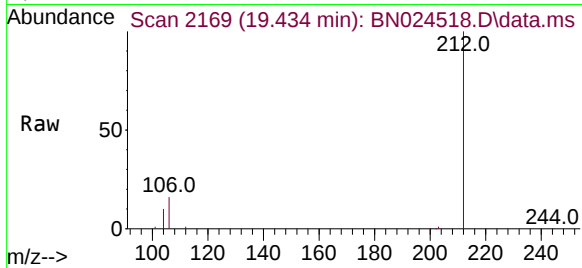




#27
Fluoranthene-d10
Concen: 0.501 ng
RT: 19.434 min Scan# 2173
Delta R.T. 0.004 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

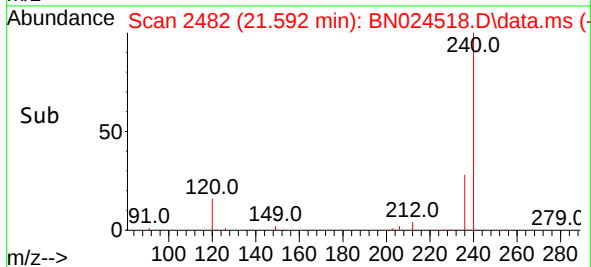
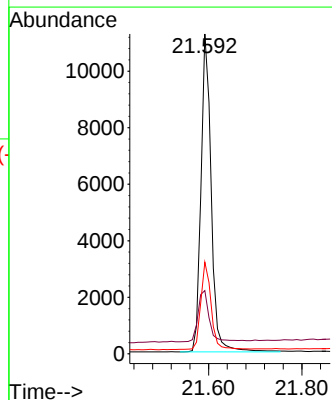
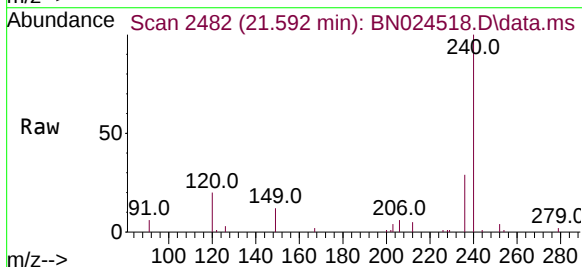
Instrument :
BNA_N
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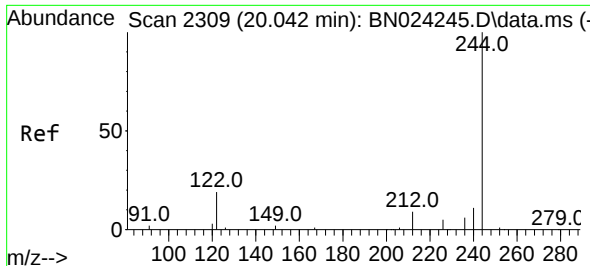
Tgt Ion:212 Resp: 27791
Ion Ratio Lower Upper
212 100
106 17.2 15.4 23.2
104 9.7 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

Tgt Ion:240 Resp: 17040
Ion Ratio Lower Upper
240 100
120 19.8 12.8 19.2#
236 28.7 22.5 33.7

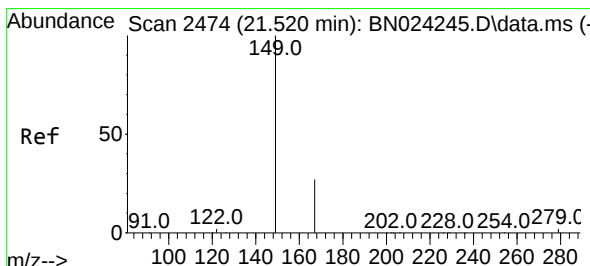
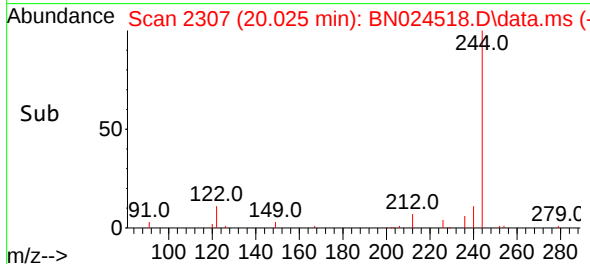
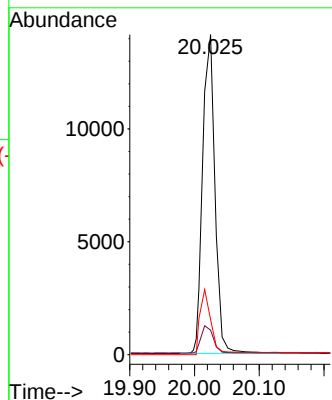
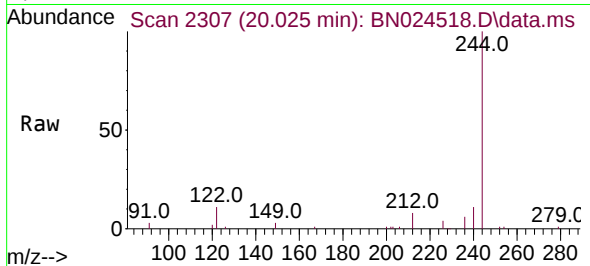




#31
 Terphenyl-d14
 Concen: 0.556 ng
 RT: 20.025 min Scan# 241
 Delta R.T. 0.000 min
 Lab File: BN024518.D
 Acq: 23 Mar 2023 19:31

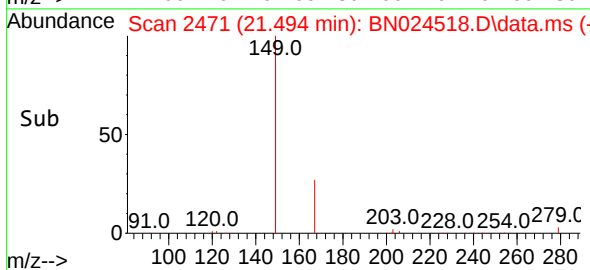
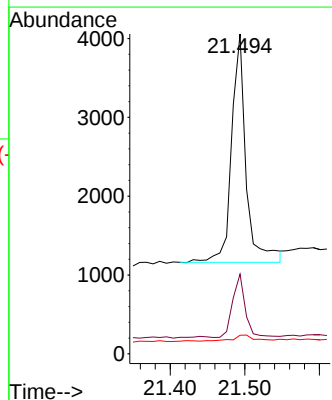
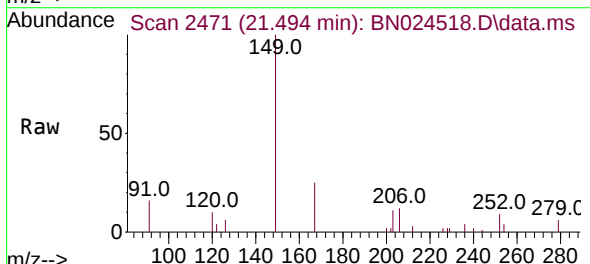
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230313

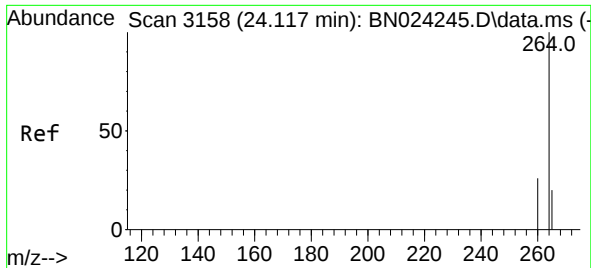
Tgt Ion:244 Resp: 15979
 Ion Ratio Lower Upper
 244 100
 212 7.7 7.6 11.4
 122 10.9 15.1 22.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 21.494 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BN024518.D
 Acq: 23 Mar 2023 19:31

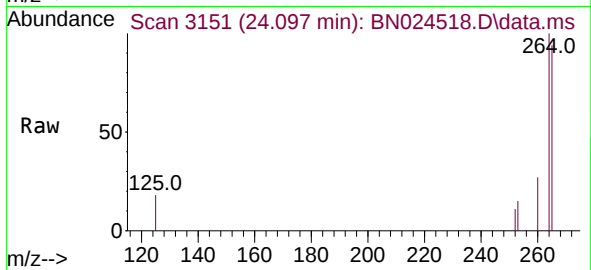
Tgt Ion:149 Resp: 3903
 Ion Ratio Lower Upper
 149 100
 167 24.5 21.2 31.8
 279 4.0 1.8 2.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.097 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN024518.D
Acq: 23 Mar 2023 19:31

Instrument :
BNA_N
ClientSampleId :
RE137-20230313



Tgt Ion:264 Resp: 14488

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.4	32.2
265	94.1	35.7	53.5

