

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022974.D
 Acq On : 30 Nov 2022 05:55
 Operator : CG/JU
 Sample : N5729-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20221117

Quant Time: Nov 30 06:51:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

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

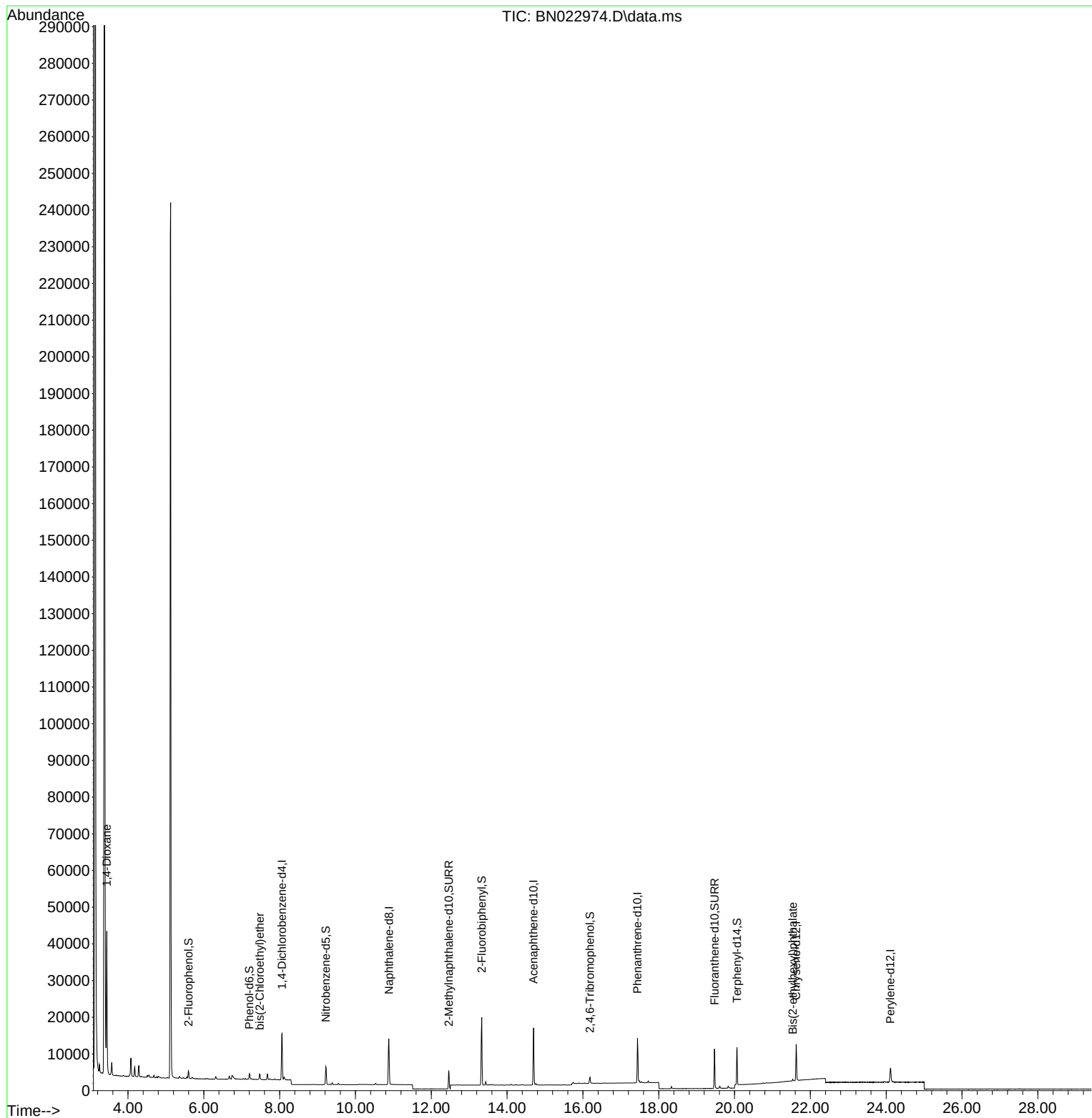
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6033	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	16444	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	8004	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	16091	0.400	ng	0.00
29) Chrysene-d12	21.625	240	8656	0.400	ng	# 0.00
35) Perylene-d12	24.112	264	5895	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1619	0.103	ng	0.00
5) Phenol-d6	7.204	99	1256	0.063	ng	0.00
8) Nitrobenzene-d5	9.217	82	3959	0.310	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	7140	0.200	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	925	0.239	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	15207	0.415	ng	0.00
27) Fluoranthene-d10	19.473	212	11278	0.258	ng	0.00
31) Terphenyl-d14	20.067	244	9065	0.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	22237	2.904	ng	99
6) bis(2-Chloroethyl)ether	7.479	93	1043	0.056	ng	95
34) Bis(2-ethylhexyl)phtha...	21.536	149	547	0.039	ng	# 97

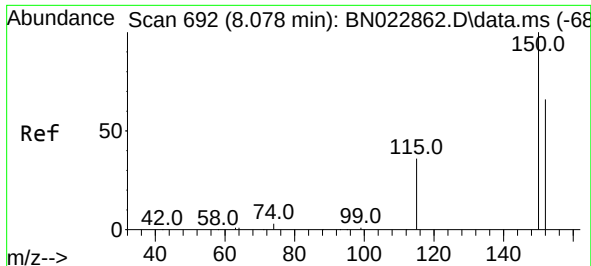
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 30 06:51:24 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

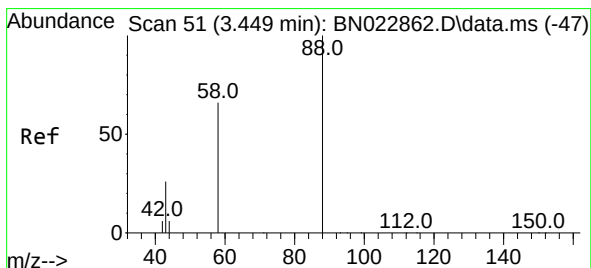
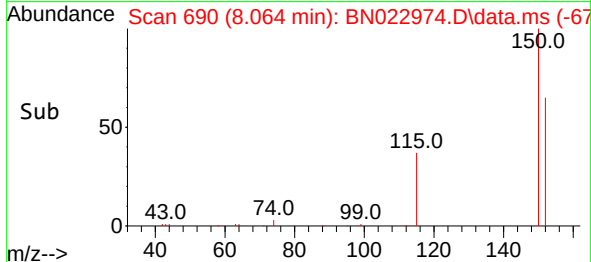
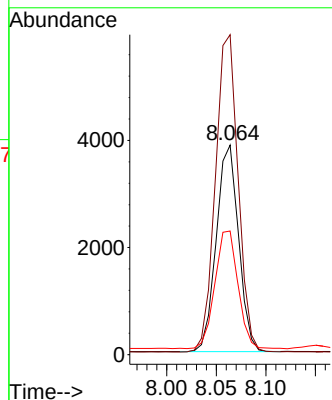
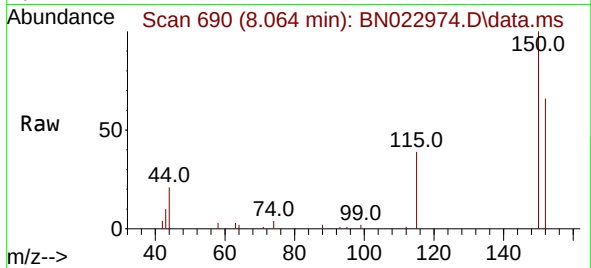




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022974.D
 Acq: 30 Nov 2022 05:55

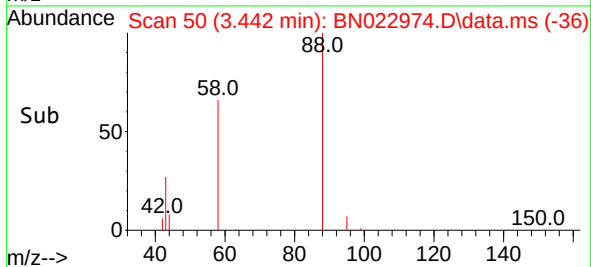
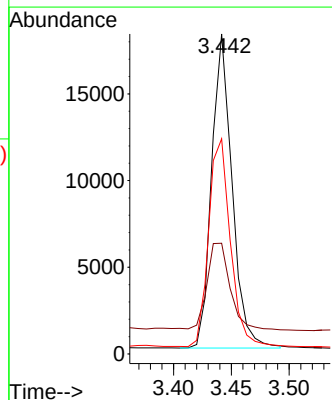
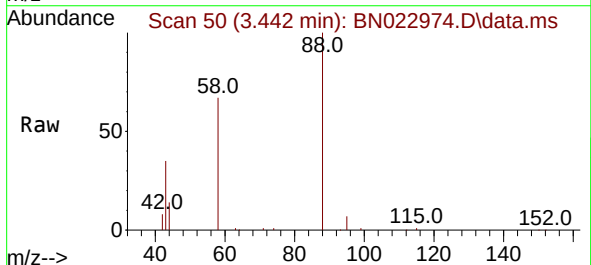
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20221117

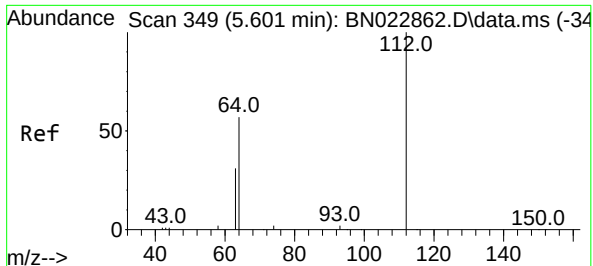
Tgt Ion:152 Resp: 6033
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.2 181.8
 115 59.0 46.2 69.4



#2
 1,4-Dioxane
 Concen: 2.904 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022974.D
 Acq: 30 Nov 2022 05:55

Tgt Ion: 88 Resp: 22237
 Ion Ratio Lower Upper
 88 100
 43 31.3 25.4 38.2
 58 70.2 56.5 84.7

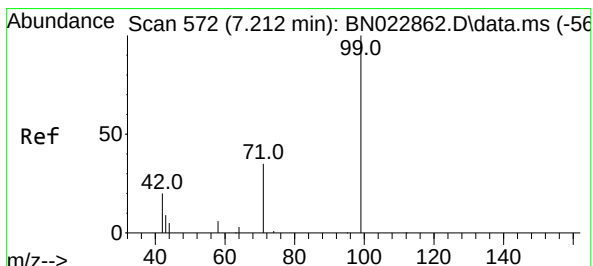
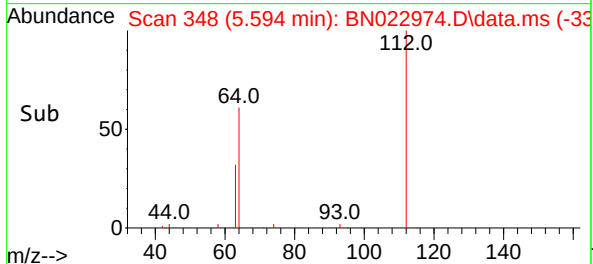
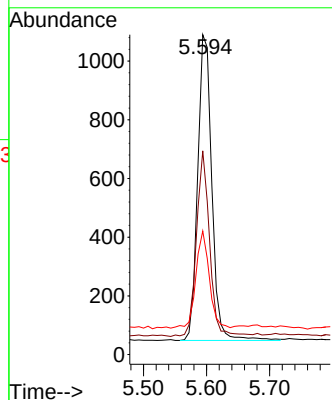
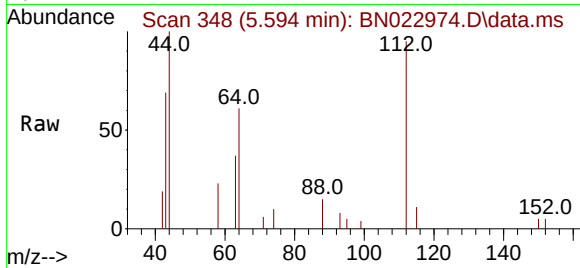




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.007 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

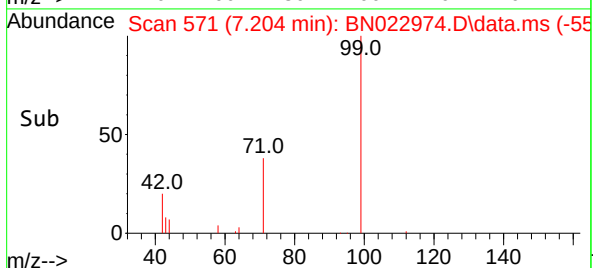
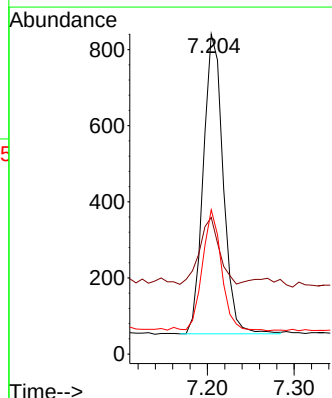
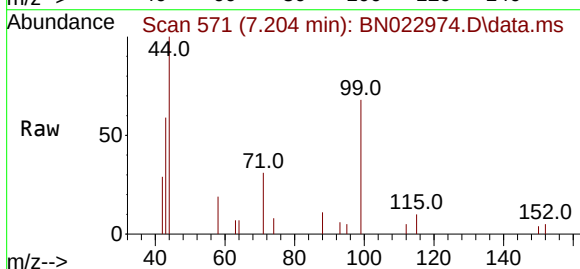
Instrument :
BNA_N
ClientSampleId :
RE114D1-20221117

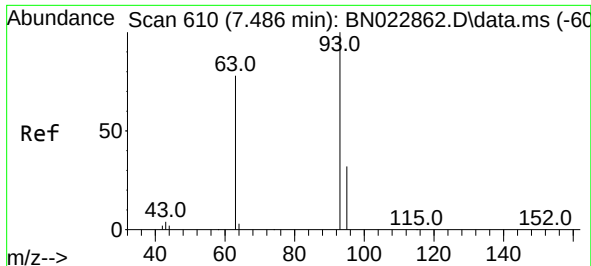
Tgt Ion:112 Resp: 1619
Ion Ratio Lower Upper
112 100
64 56.6 43.4 65.2
63 31.2 23.4 35.2



#5
Phenol-d6
Concen: 0.063 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

Tgt Ion: 99 Resp: 1256
Ion Ratio Lower Upper
99 100
42 22.7 16.0 24.0
71 39.3 26.8 40.2

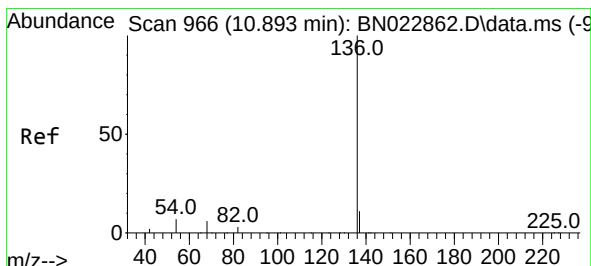
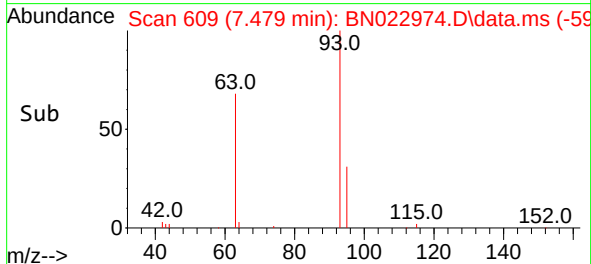
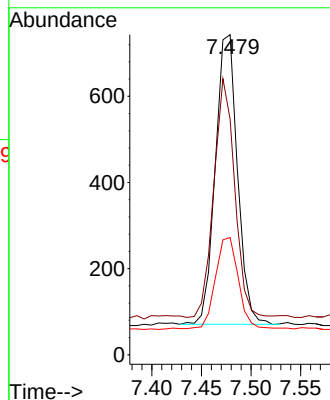
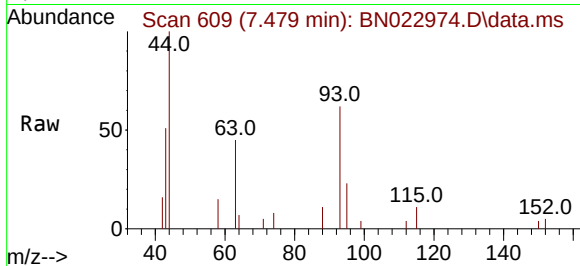




#6
bis(2-Chloroethyl)ether
Concen: 0.056 ng
RT: 7.479 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

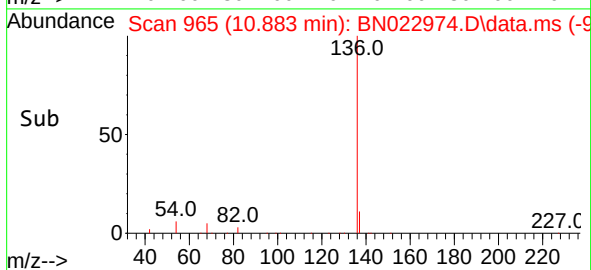
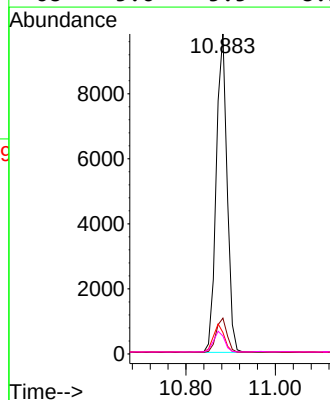
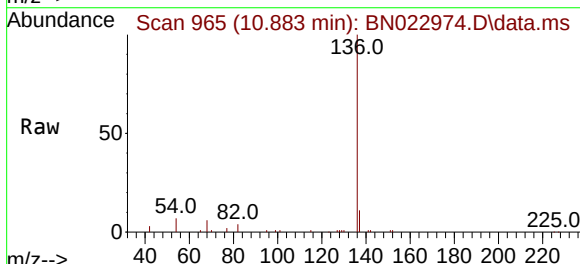
Instrument :
BNA_N
ClientSampleId :
RE114D1-20221117

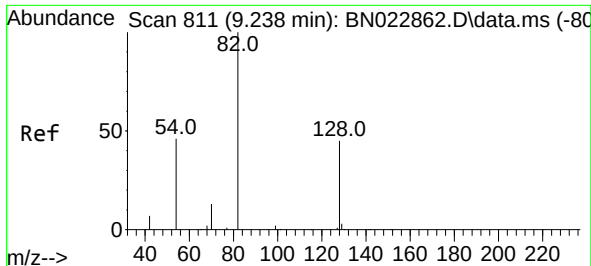
Tgt Ion:	93	Resp:	1043
Ion	Ratio	Lower	Upper
93	100		
63	78.2	58.3	87.5
95	33.7	25.8	38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

Tgt Ion:	136	Resp:	16444
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.7	6.6	9.8
68	5.6	5.5	8.3

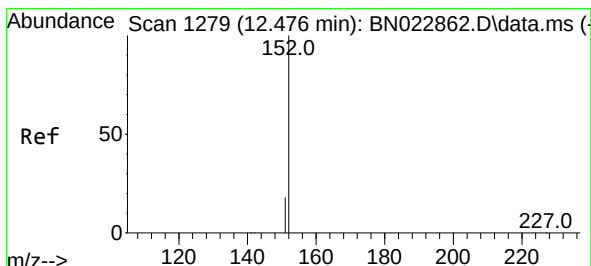
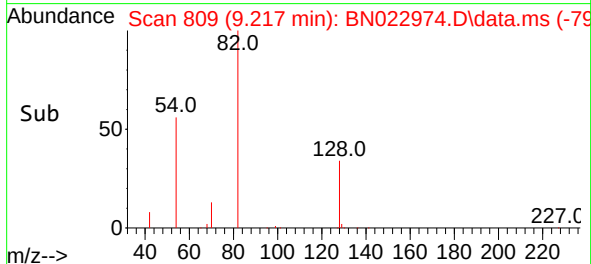
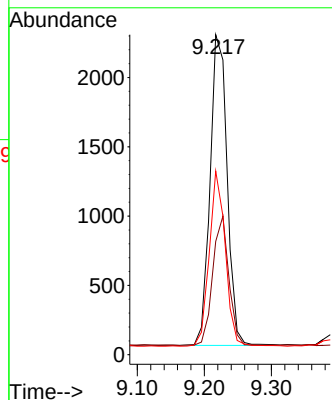
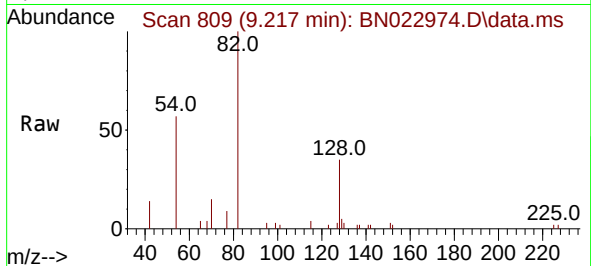




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.010 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

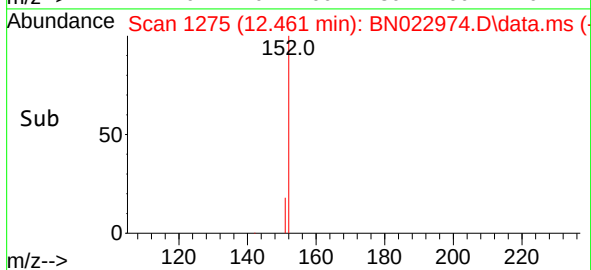
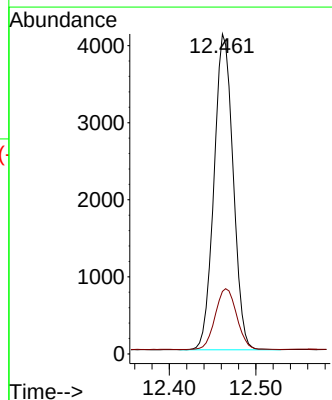
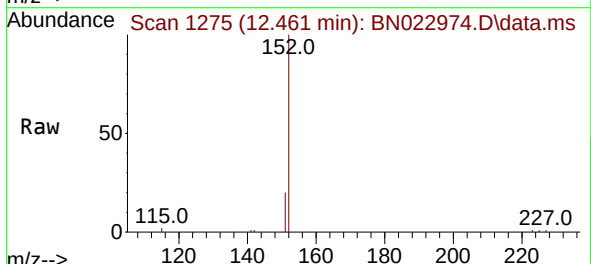
Instrument :
BNA_N
ClientSampleId :
RE114D1-20221117

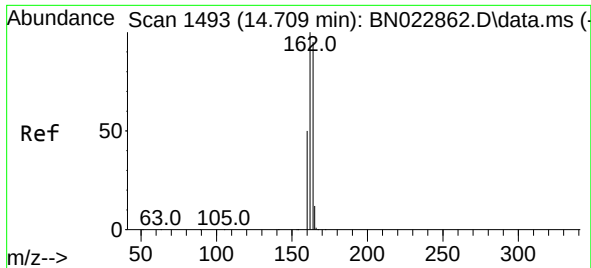
Tgt Ion: 82 Resp: 3959
Ion Ratio Lower Upper
82 100
128 35.4 36.6 54.8#
54 57.4 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.200 ng
RT: 12.461 min Scan# 1275
Delta R.T. -0.004 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

Tgt Ion:152 Resp: 7140
Ion Ratio Lower Upper
152 100
151 21.9 18.6 27.8

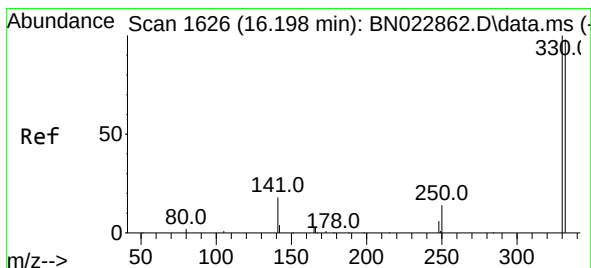
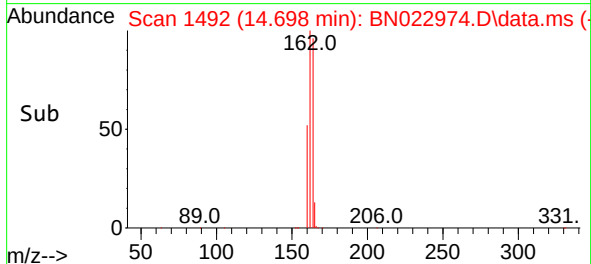
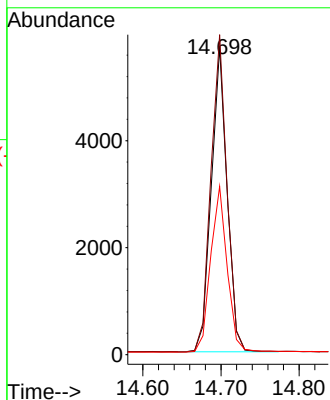
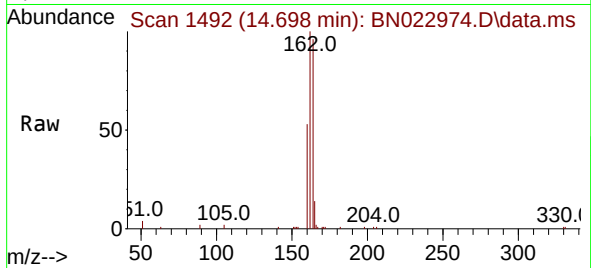




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.698 min Scan# 1492
 Delta R.T. 0.000 min
 Lab File: BN022974.D
 Acq: 30 Nov 2022 05:55

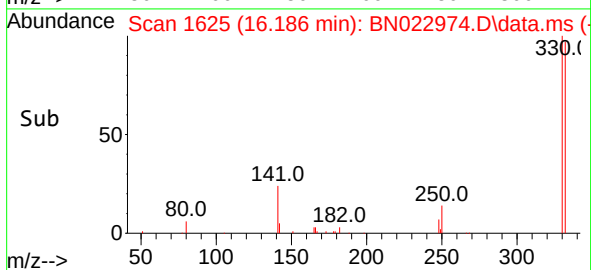
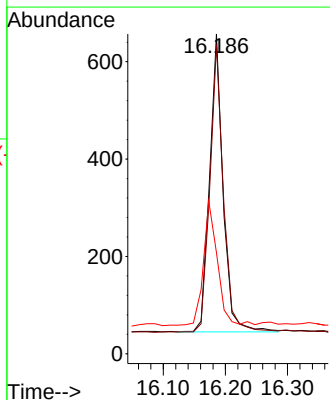
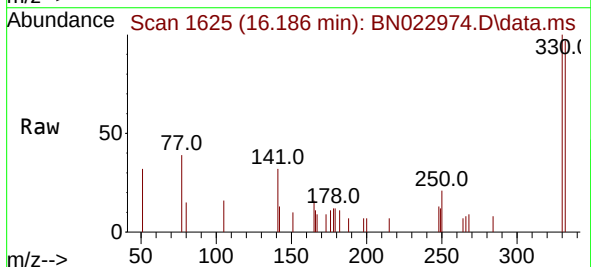
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 ClientSampleId :
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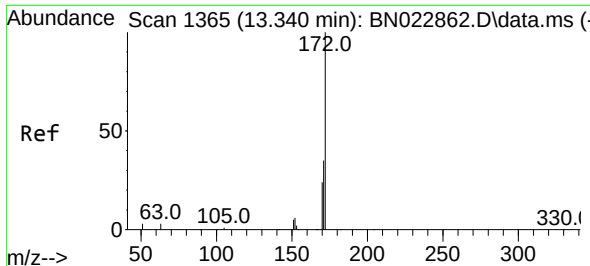
Tgt Ion:164 Resp: 8004
 Ion Ratio Lower Upper
 164 100
 162 104.0 84.2 126.4
 160 54.7 42.5 63.7



#14
 2,4,6-Tribromophenol
 Concen: 0.239 ng
 RT: 16.186 min Scan# 1625
 Delta R.T. 0.000 min
 Lab File: BN022974.D
 Acq: 30 Nov 2022 05:55

Tgt Ion:330 Resp: 925
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.5 114.7
 141 42.1 32.6 48.8

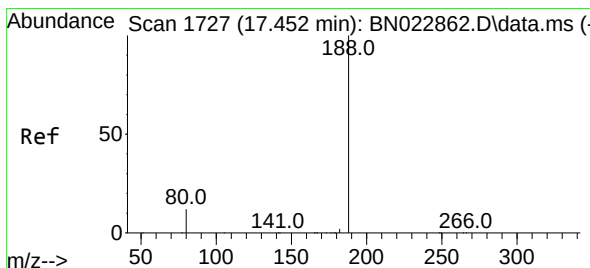
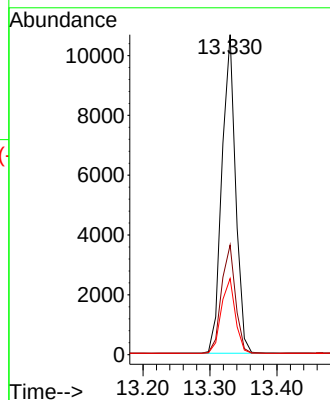
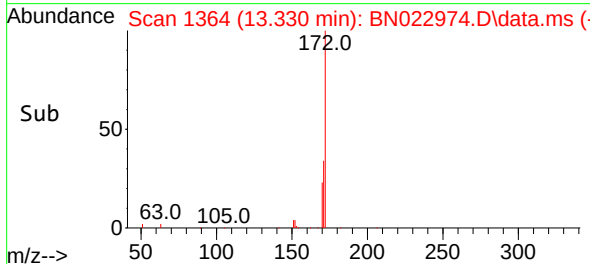
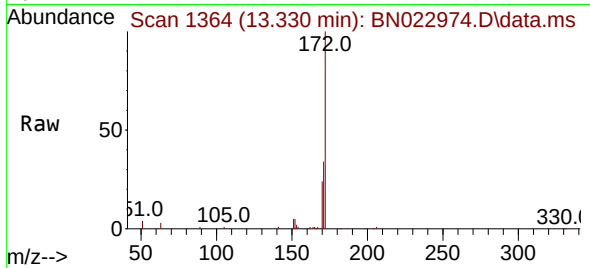




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.330 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

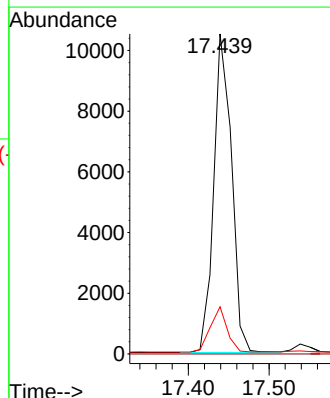
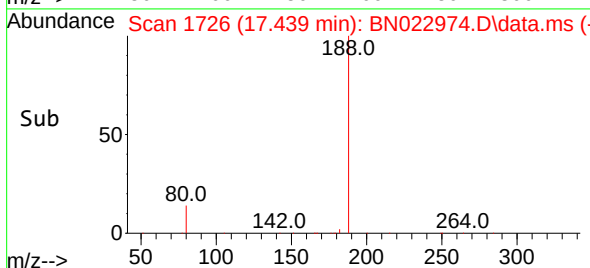
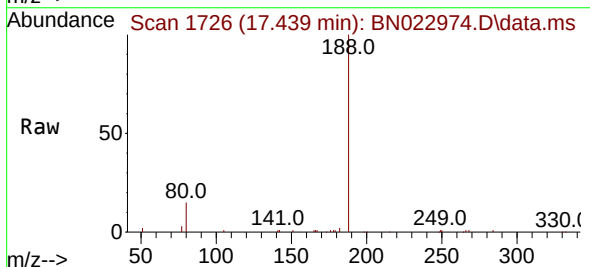
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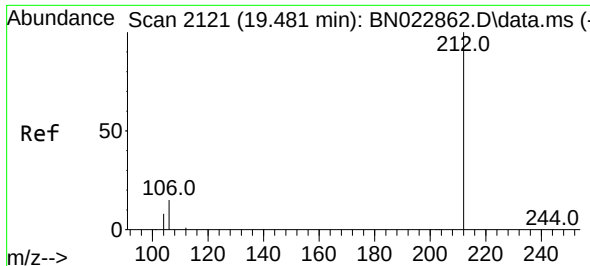
Tgt Ion:	172	Resp:	15207
Ion Ratio	Lower	Upper	
172	100		
171	34.3	28.2	42.4
170	23.8	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

Tgt Ion:	188	Resp:	16091
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.7	10.3	15.5

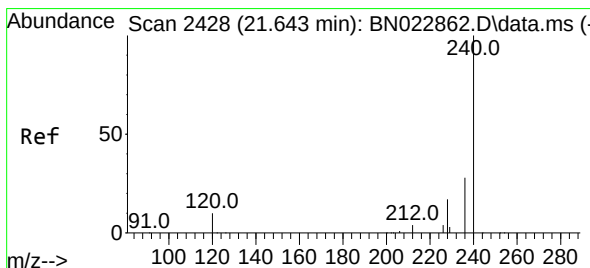
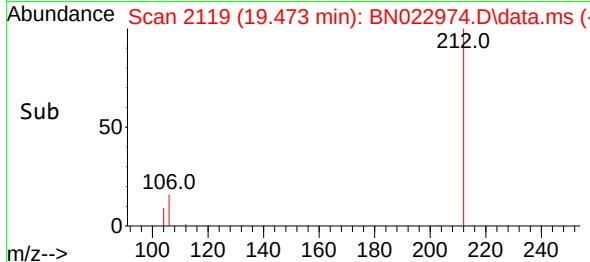
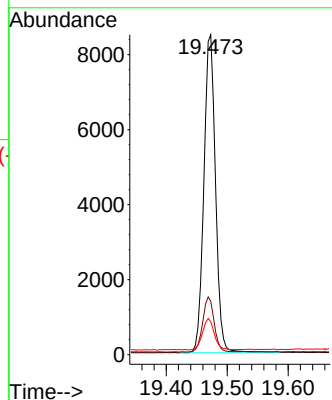
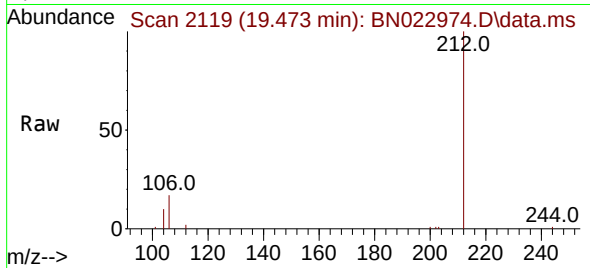




#27
Fluoranthene-d10
Concen: 0.258 ng
RT: 19.473 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

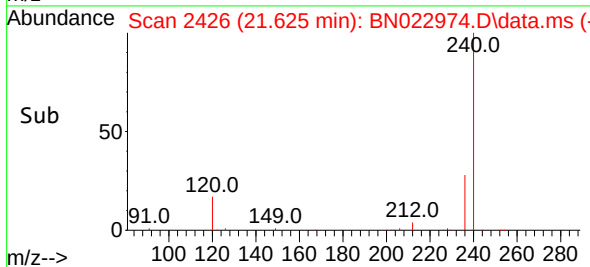
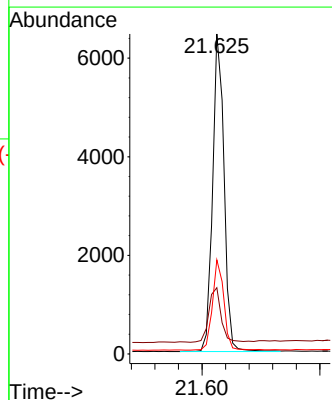
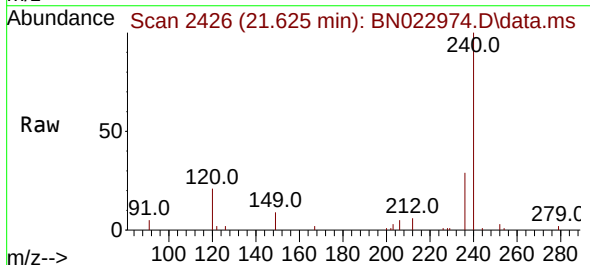
Instrument :
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RE114D1-20221117

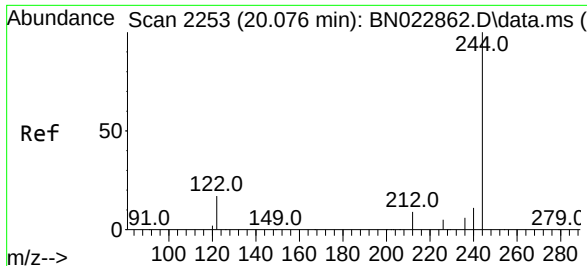
Tgt Ion:212 Resp: 11278
Ion Ratio Lower Upper
212 100
106 17.1 12.3 18.5
104 9.8 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN022974.D
Acq: 30 Nov 2022 05:55

Tgt Ion:240 Resp: 8656
Ion Ratio Lower Upper
240 100
120 20.7 9.2 13.8#
236 29.4 22.6 34.0

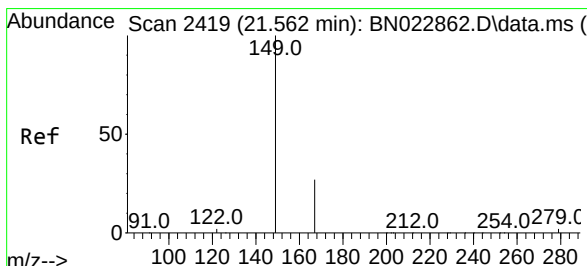
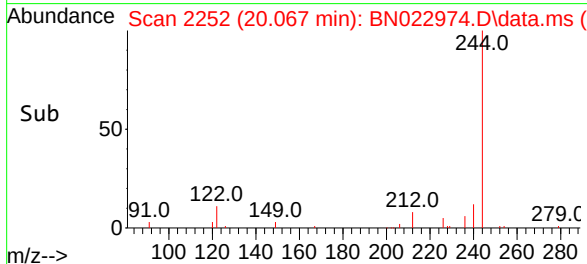
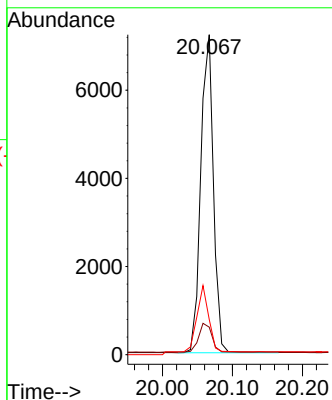
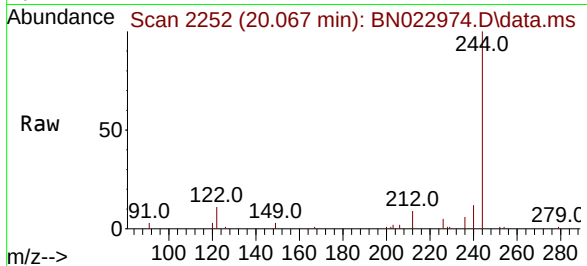




#31
 Terphenyl-d14
 Concen: 0.446 ng
 RT: 20.067 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN022974.D
 Acq: 30 Nov 2022 05:55

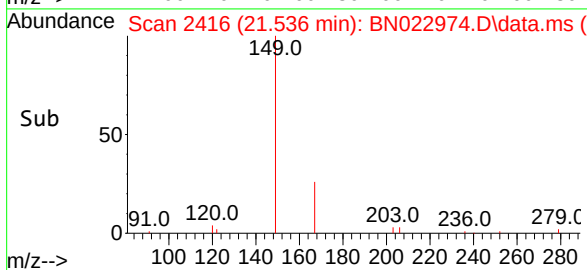
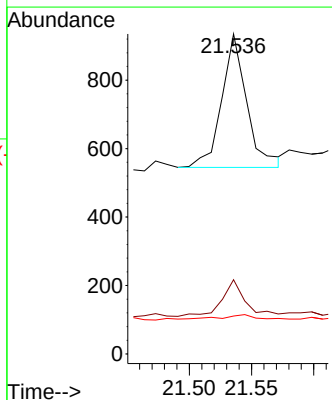
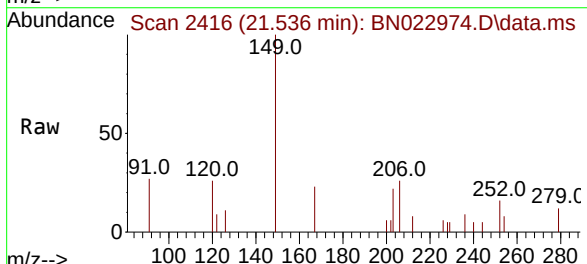
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20221117

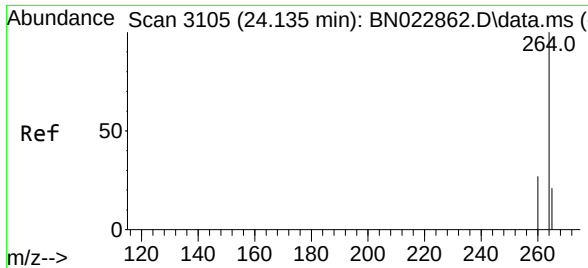
Tgt Ion:244 Resp: 9065
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.9 11.9
 122 11.0 13.9 20.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.536 min Scan# 2416
 Delta R.T. -0.004 min
 Lab File: BN022974.D
 Acq: 30 Nov 2022 05:55

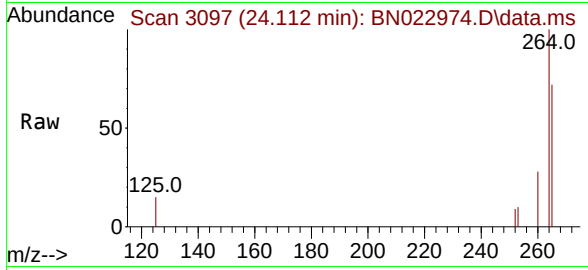
Tgt Ion:149 Resp: 547
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.3 31.9
 279 7.5 2.3 3.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.112 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BN022974.D
 Acq: 30 Nov 2022 05:55

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20221117



Tgt Ion:264 Resp: 5895

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.7	32.5
265	72.4	31.0	46.4

