

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021367.D
 Acq On : 25 Aug 2022 11:36
 Operator : CG/JU
 Sample : N4245-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20220817

Quant Time: Aug 25 16:23:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

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

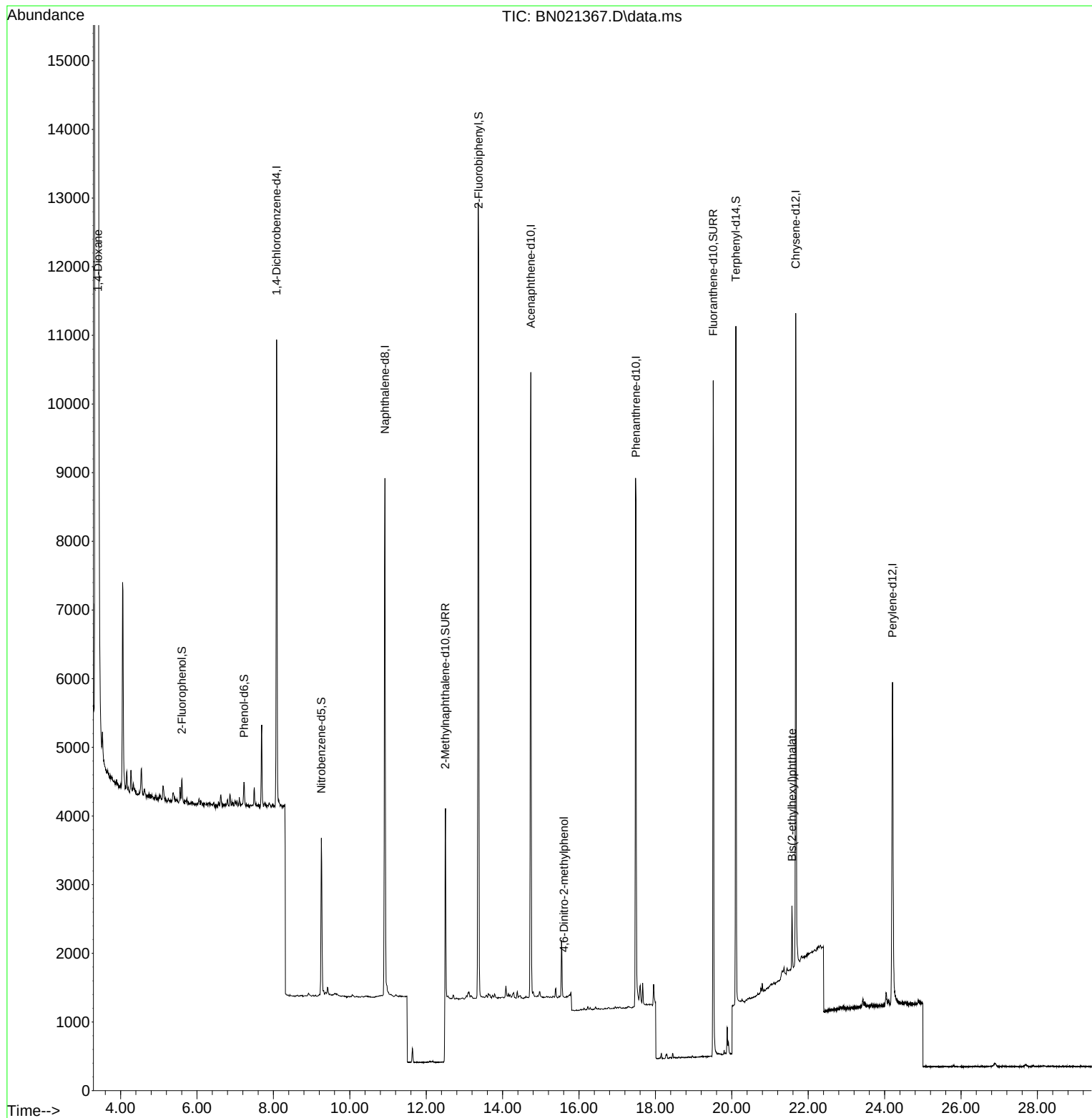
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	3349	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	10292	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	5546	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	11544	0.400	ng	0.00
29) Chrysene-d12	21.673	240	9253	0.400	ng	# 0.00
35) Perylene-d12	24.206	264	7542	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	300	0.033	ng	0.00
5) Phenol-d6	7.231	99	348	0.031	ng	0.00
8) Nitrobenzene-d5	9.254	82	2031	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	5828	0.335	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	32	0.013	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	10862	0.438	ng	0.00
27) Fluoranthene-d10	19.514	212	10447	0.303	ng	0.00
31) Terphenyl-d14	20.106	244	8528	0.436	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	12789	2.753	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.605	198	1	0.066	ng	94
34) Bis(2-ethylhexyl)phtha...	21.575	149	878	0.052	ng	99

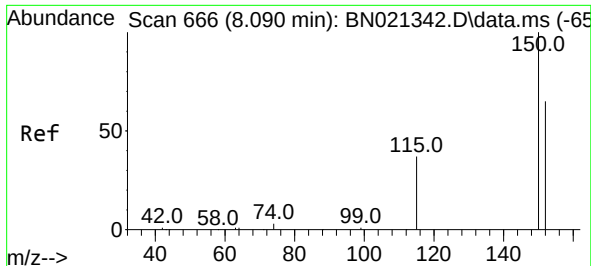
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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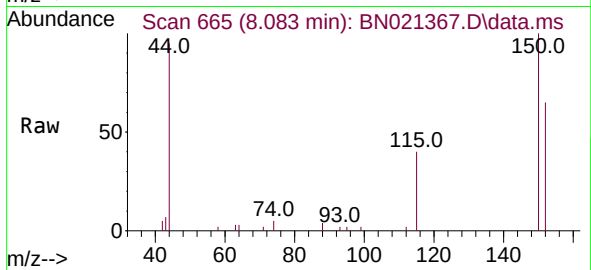
Quant Time: Aug 25 16:23:15 2022
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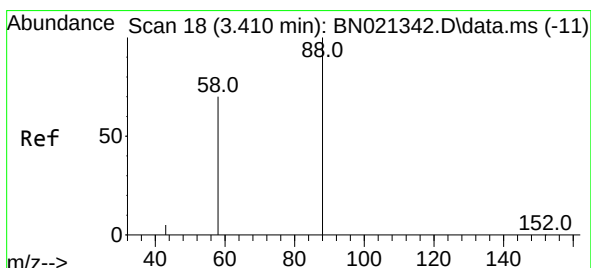
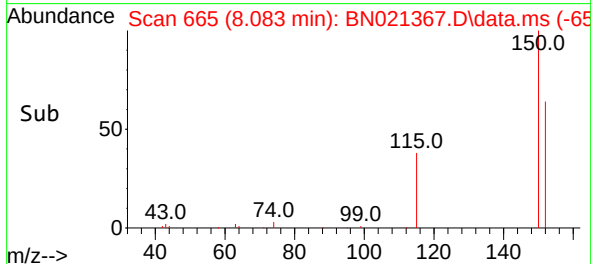
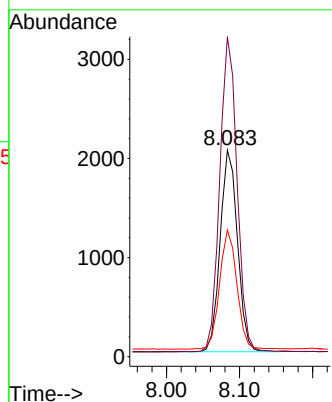


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN021367.D
 Acq: 25 Aug 2022 11:36

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20220817

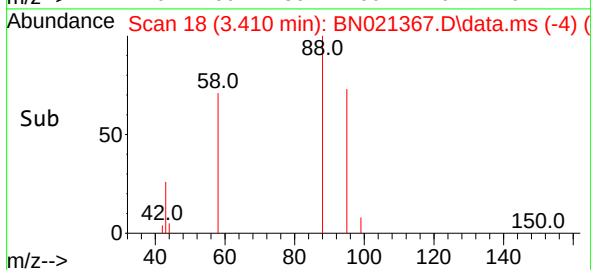
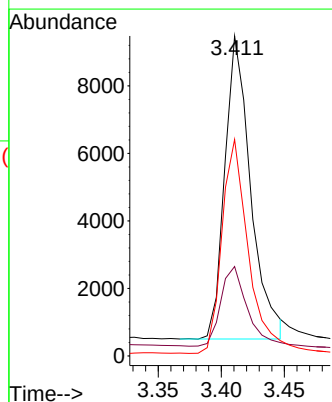
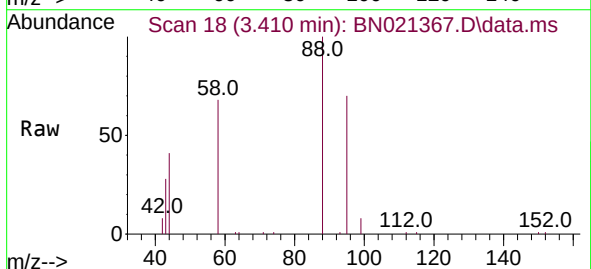


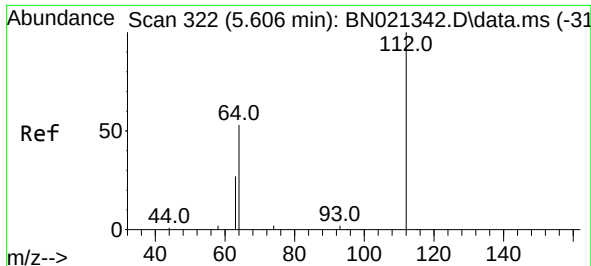
Tgt Ion:152 Resp: 3349
 Ion Ratio Lower Upper
 152 100
 150 154.9 121.4 182.0
 115 61.4 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.753 ng
 RT: 3.410 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021367.D
 Acq: 25 Aug 2022 11:36

Tgt Ion: 88 Resp: 12789
 Ion Ratio Lower Upper
 88 100
 43 26.8 35.8 53.8#
 58 71.4 57.1 85.7

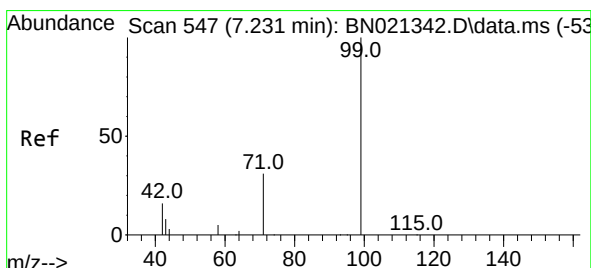
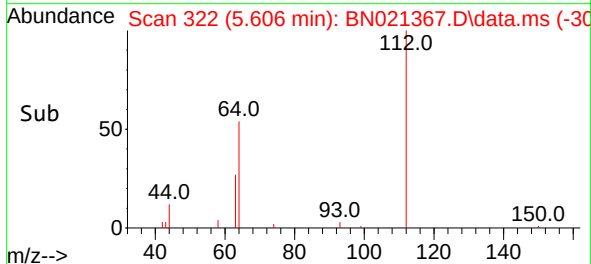
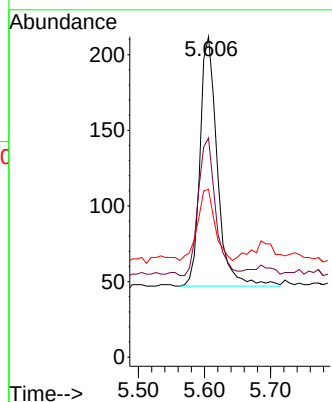
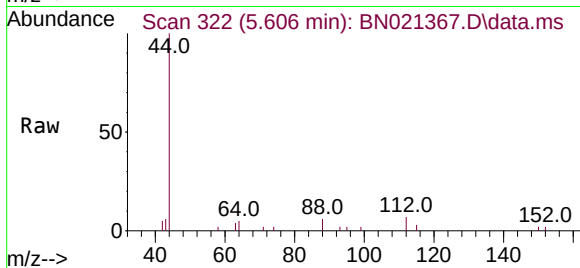




#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

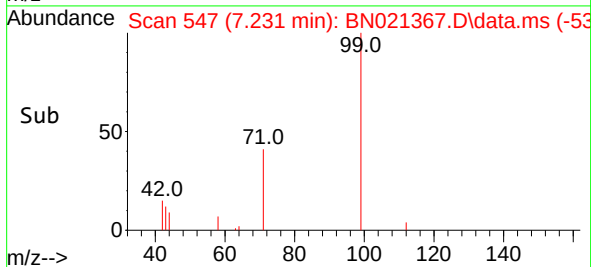
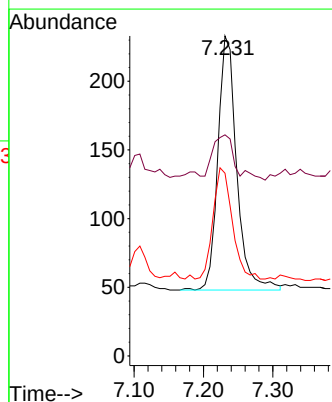
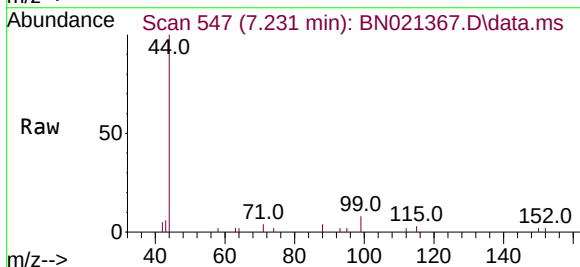
Instrument :
BNA_N
ClientSampleId :
RE126D2-20220817

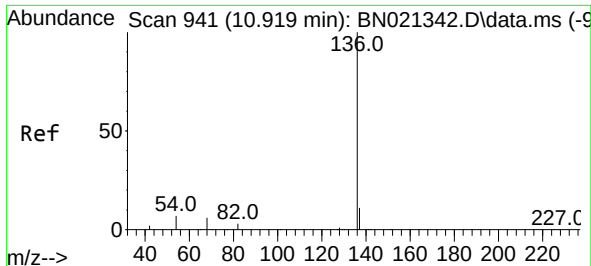
Tgt Ion:	112	Resp:	300
Ion	Ratio	Lower	Upper
112	100		
64	55.0	43.5	65.3
63	28.3	22.6	34.0



#5
Phenol-d6
Concen: 0.031 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

Tgt Ion:	99	Resp:	348
Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.5	23.3
71	45.7	24.2	36.2

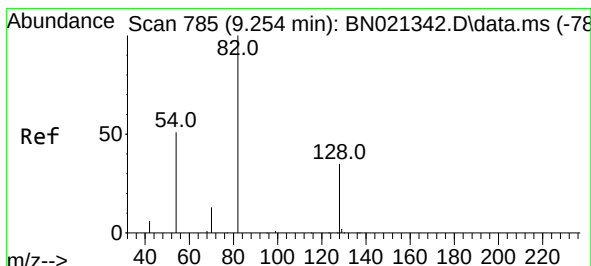
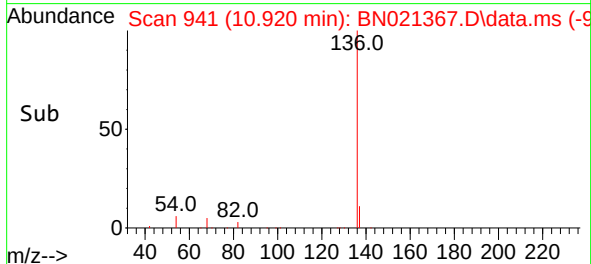
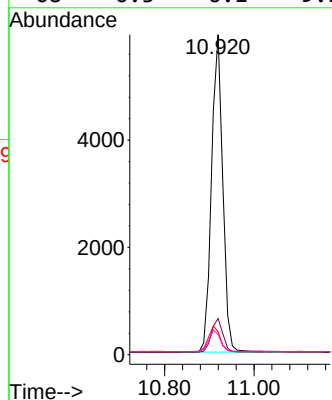
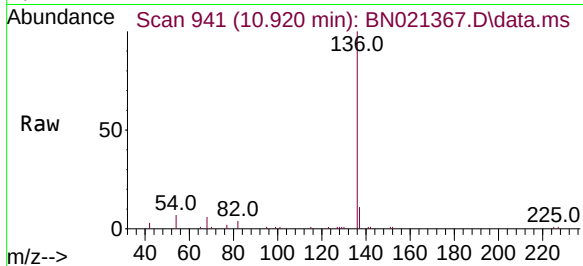




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.920 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

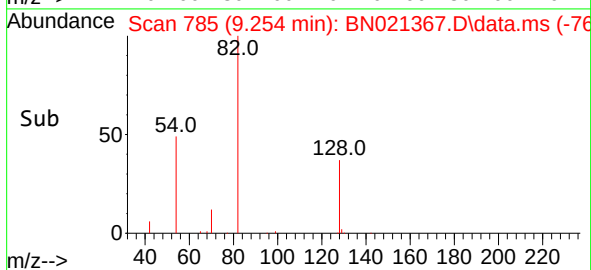
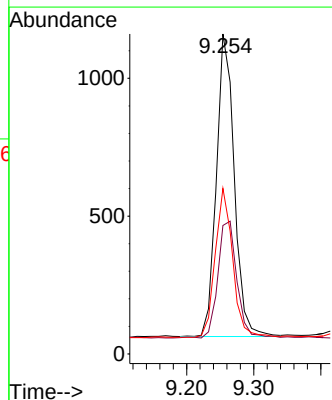
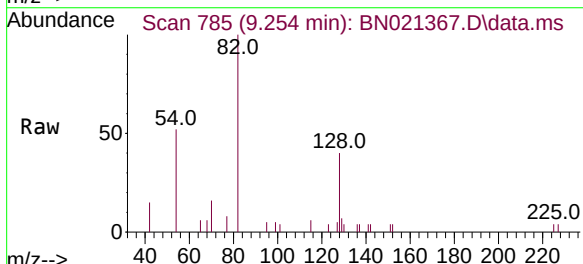
Instrument :
BNA_N
ClientSampleId :
RE126D2-20220817

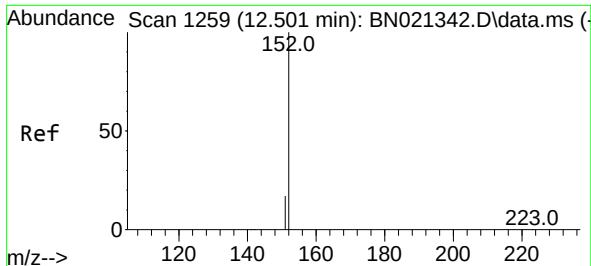
Tgt Ion:	136	Resp:	10292
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.1	6.9	10.3
68	6.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

Tgt Ion:	82	Resp:	2031
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.9	46.3
54	51.8	42.7	64.1

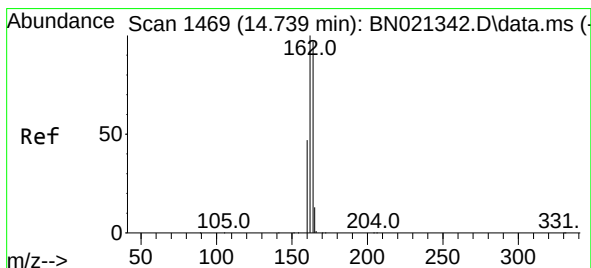
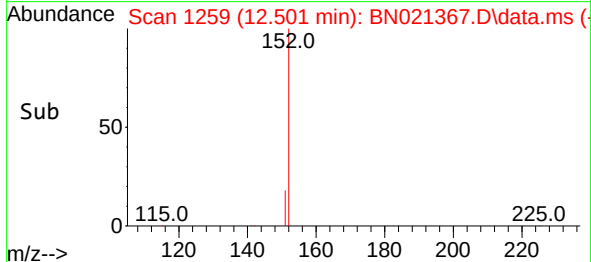
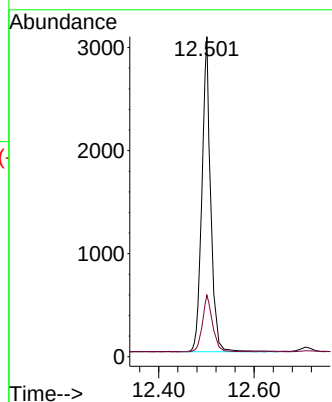
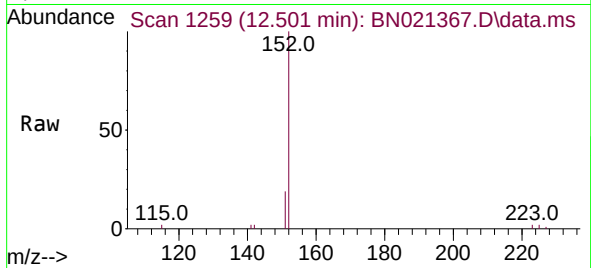




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.501 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

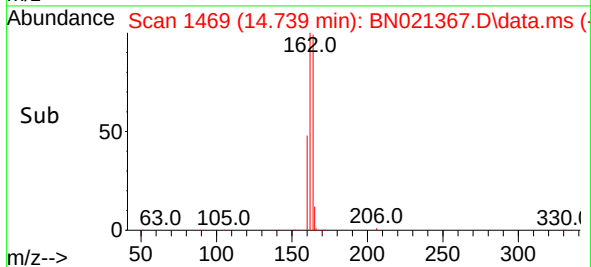
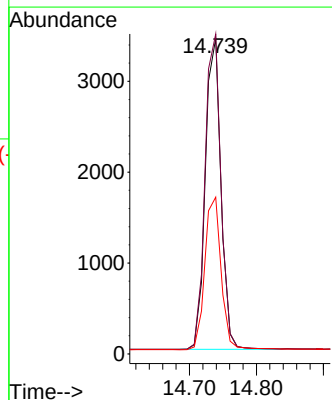
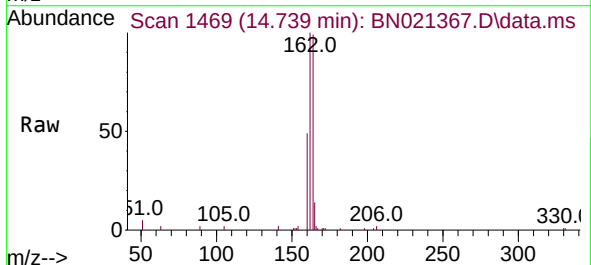
Instrument :
BNA_N
ClientSampleId :
RE126D2-20220817

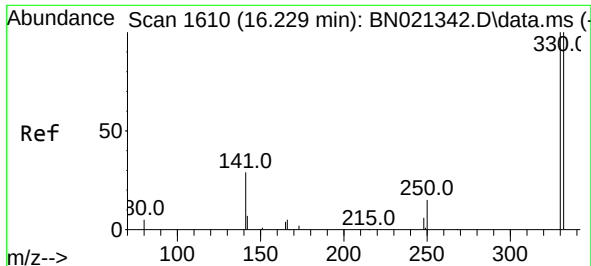
Tgt Ion:152 Resp: 5828
Ion Ratio Lower Upper
152 100
151 18.0 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

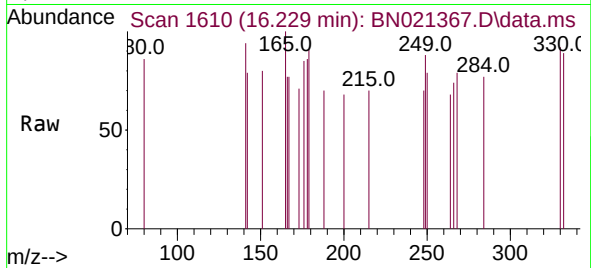
Tgt Ion:164 Resp: 5546
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.4
160 49.7 39.5 59.3



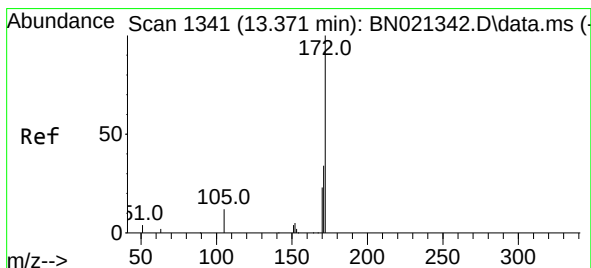
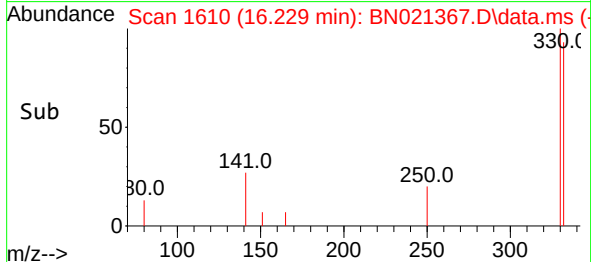
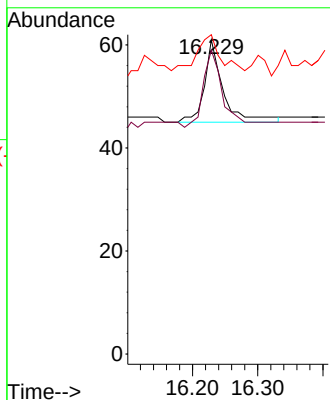


#14
2,4,6-Tribromophenol
Concen: 0.013 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

Instrument :
BNA_N
ClientSampleId :
RE126D2-20220817

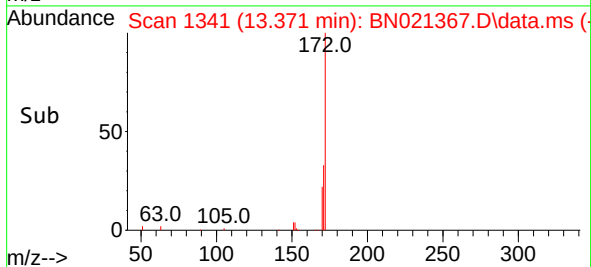
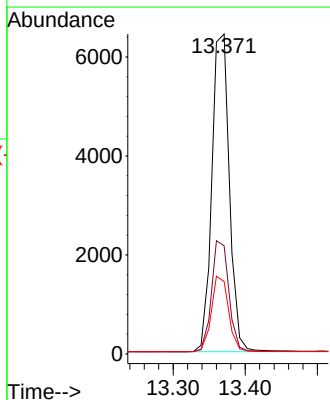
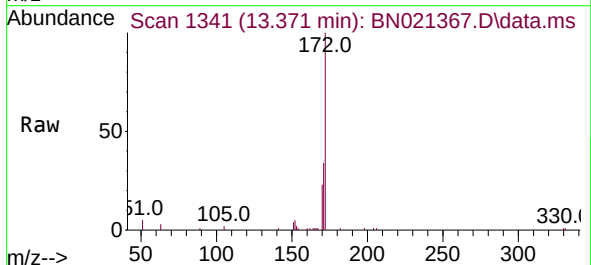


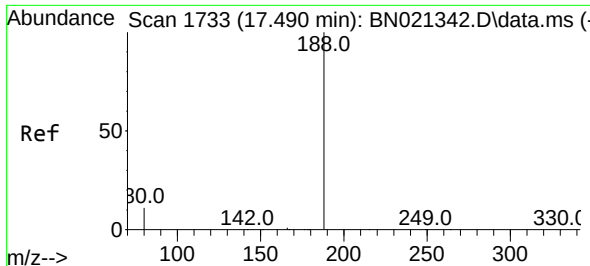
Tgt Ion:330 Resp: 32
Ion Ratio Lower Upper
330 100
332 96.9 79.3 118.9
141 62.5 37.1 55.7#



#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

Tgt Ion:172 Resp: 10862
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.6
170 22.7 18.6 28.0

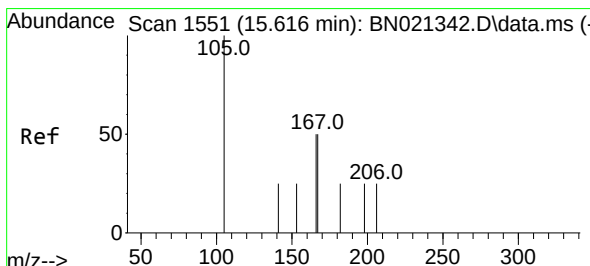
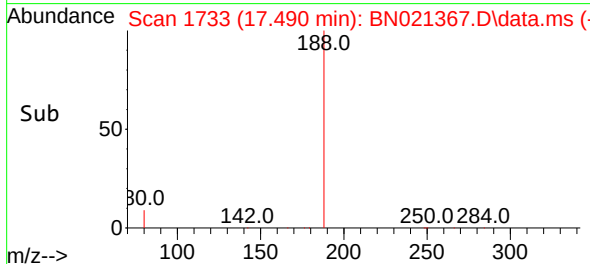
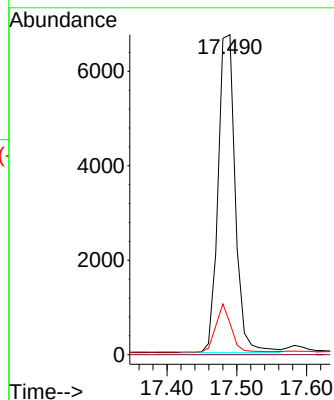
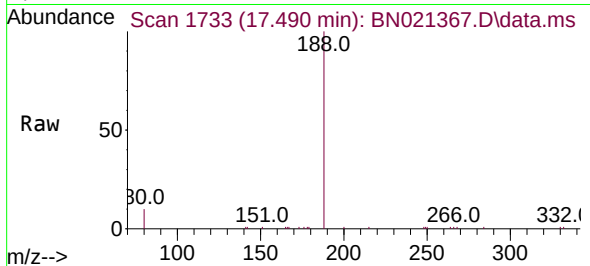




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

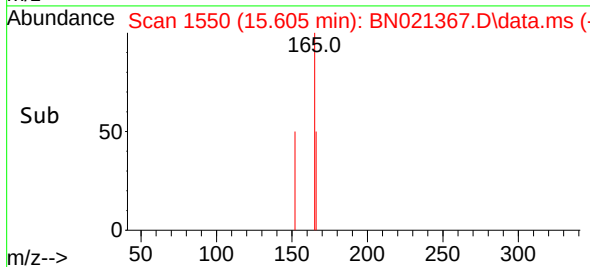
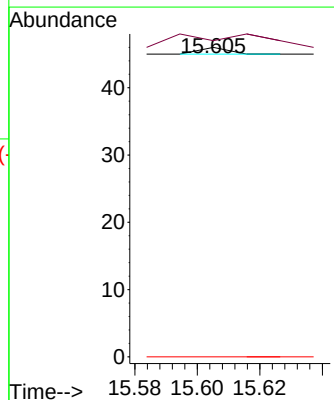
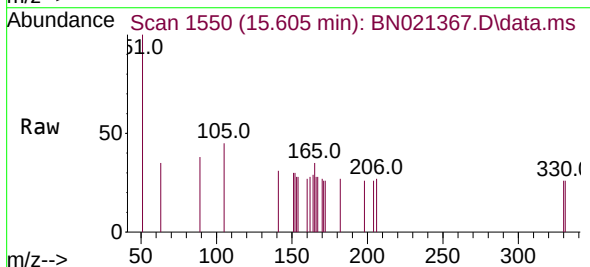
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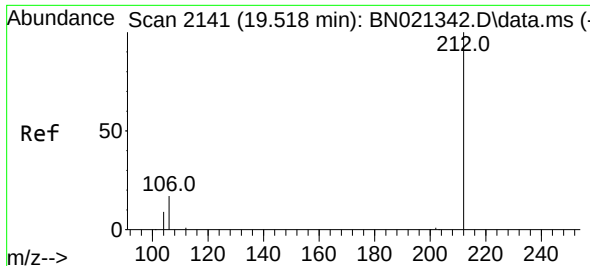
Tgt Ion:188 Resp: 11544
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.5 14.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.066 ng
RT: 15.605 min Scan# 1550
Delta R.T. -0.011 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 102.2 86.6 130.0
77 0.0 0.0 0.0

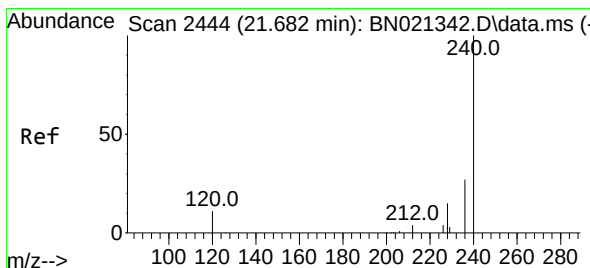
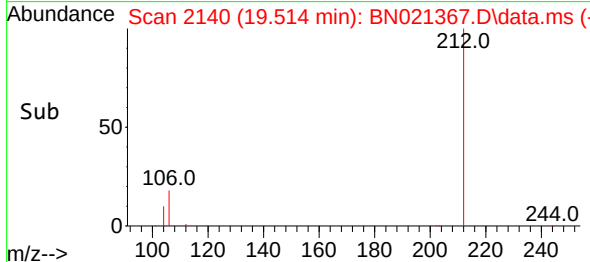
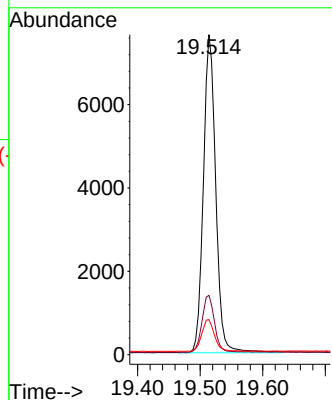
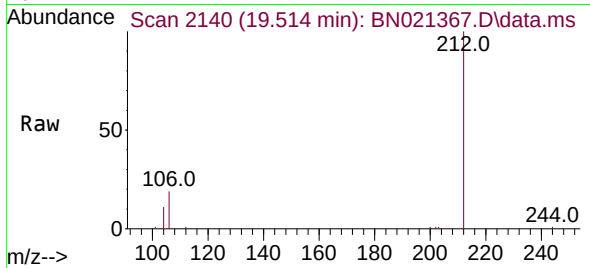




#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.514 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

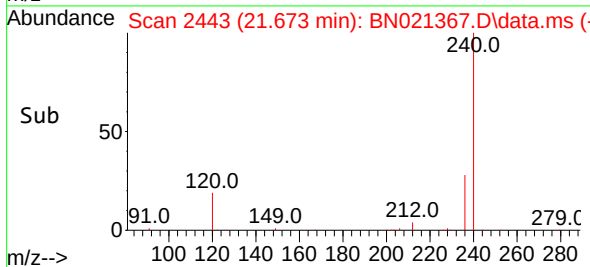
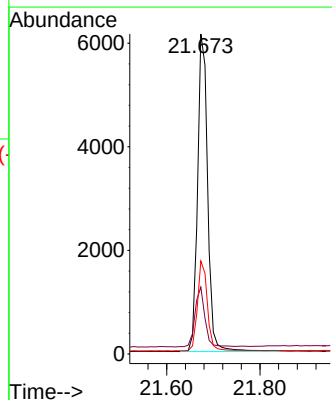
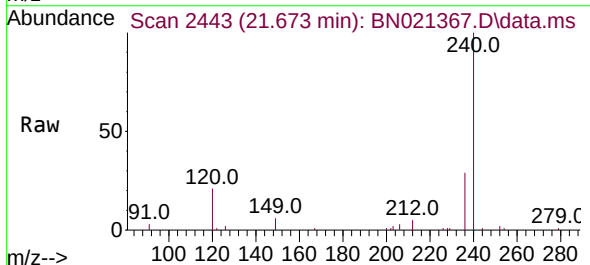
Instrument :
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RE126D2-20220817

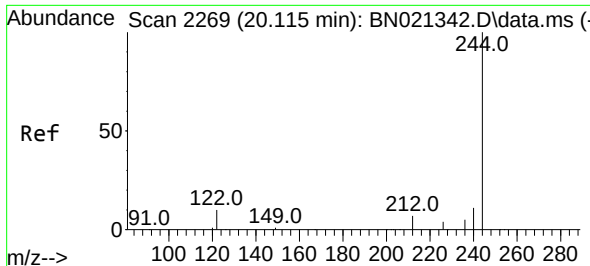
Tgt Ion:212 Resp: 10447
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN021367.D
Acq: 25 Aug 2022 11:36

Tgt Ion:240 Resp: 9253
Ion Ratio Lower Upper
240 100
120 20.9 10.2 15.4#
236 29.0 22.1 33.1

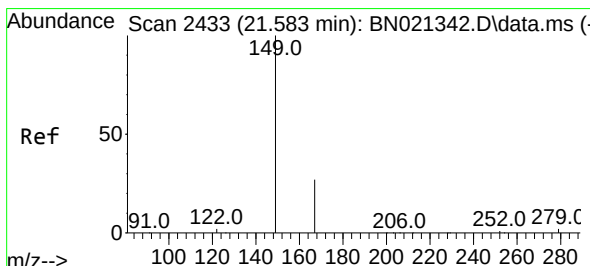
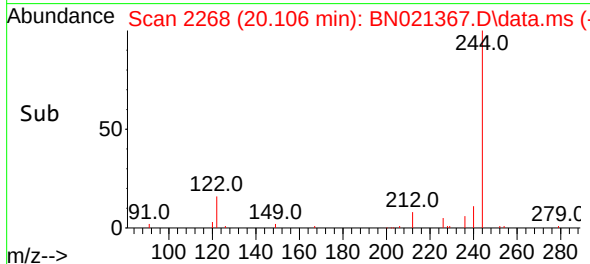
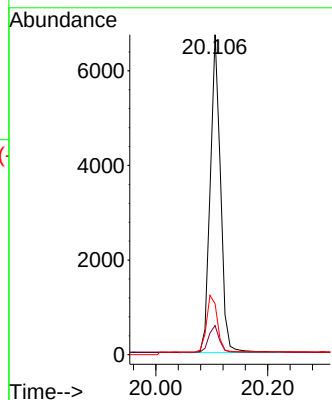
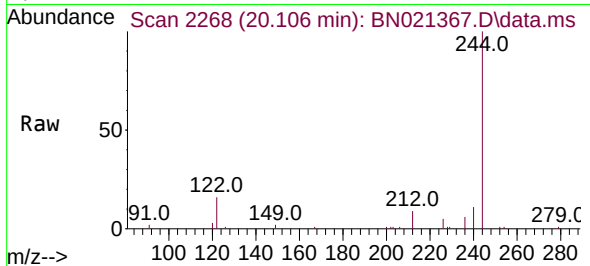




#31
 Terphenyl-d14
 Concen: 0.436 ng
 RT: 20.106 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN021367.D
 Acq: 25 Aug 2022 11:36

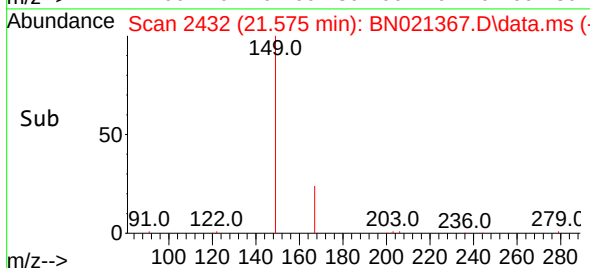
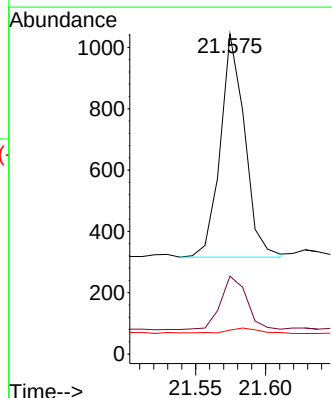
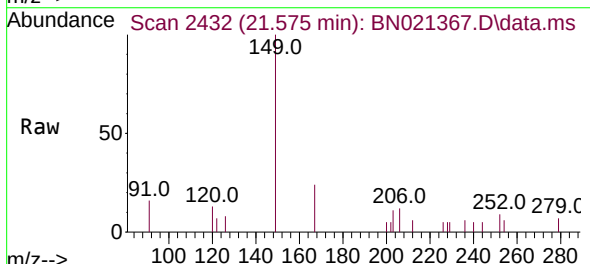
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20220817

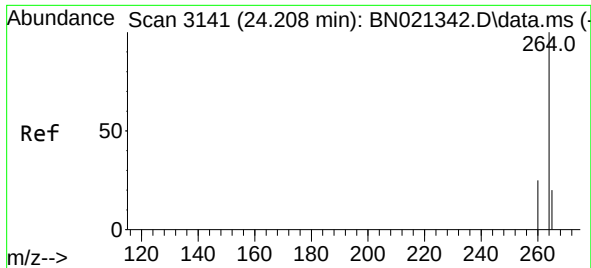
Tgt Ion:244 Resp: 8528
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.5 9.7
 122 15.9 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.575 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN021367.D
 Acq: 25 Aug 2022 11:36

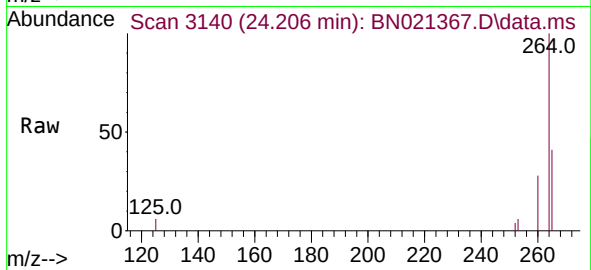
Tgt Ion:149 Resp: 878
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.0
 279 3.2 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.206 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN021367.D
 Acq: 25 Aug 2022 11:36

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20220817



Tgt Ion:264 Resp: 7542

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.0	31.6
265	40.5	32.2	48.2

