

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016637.D
 Acq On : 01 Oct 2021 15:55
 Operator : CG/JU
 Sample : M3833-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20210920

Quant Time: Oct 01 16:24:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

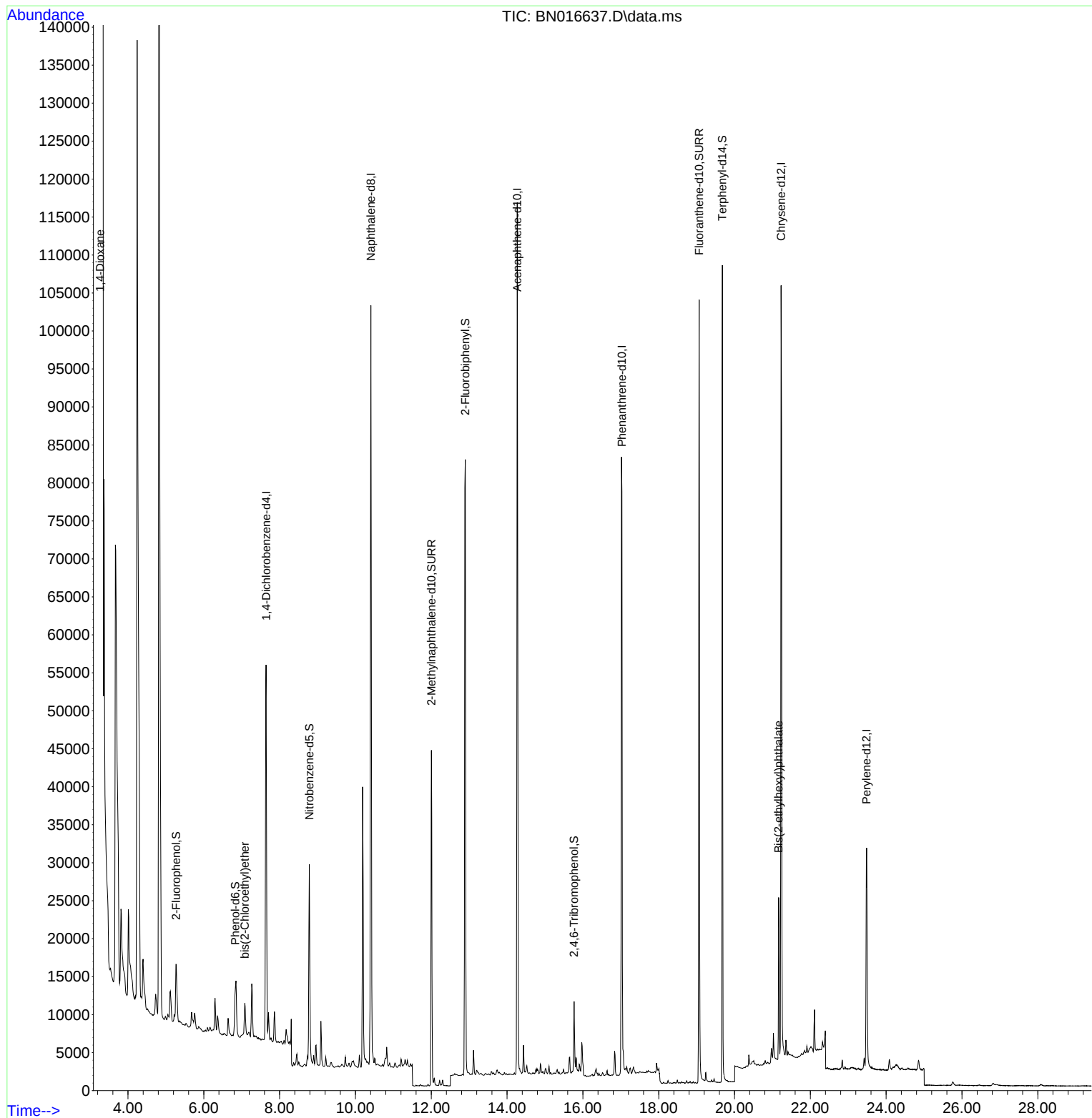
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29090	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	131567	0.40	ng	0.00
13) Acenaphthene-d10	14.268	164	64205	0.40	ng	0.00
19) Phenanthrene-d10	17.029	188	128953	0.40	ng	0.01
29) Chrysene-d12	21.227	240	106783	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	41278	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	10431	0.14	ng	0.02
5) Phenol-d6	6.831	99	6183	0.08	ng	0.00
8) Nitrobenzene-d5	8.784	82	23901	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	60373	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8328	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	82319	0.32	ng	0.00
27) Fluoranthene-d10	19.068	212	120101	0.35	ng	0.00
31) Terphenyl-d14	19.678	244	105940	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.262	88	62334	4.66	ng	# 81
6) bis(2-Chloroethyl)ether	7.080	93	2371	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.163	149	21789	0.17	ng	100

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

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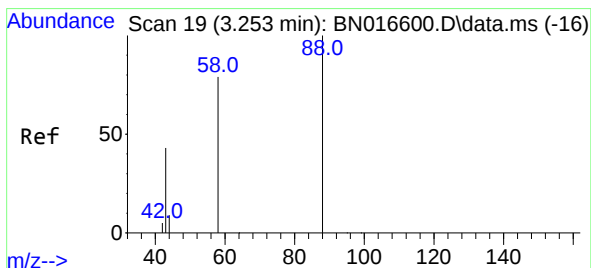
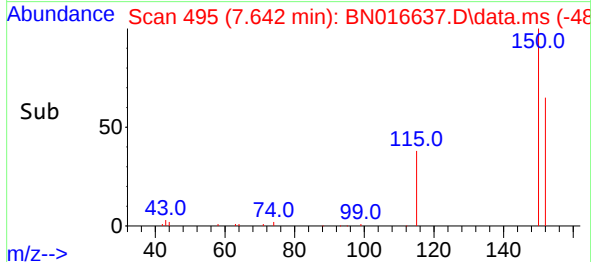
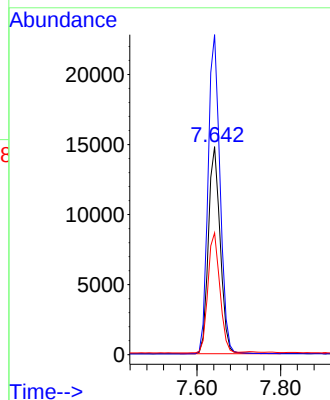
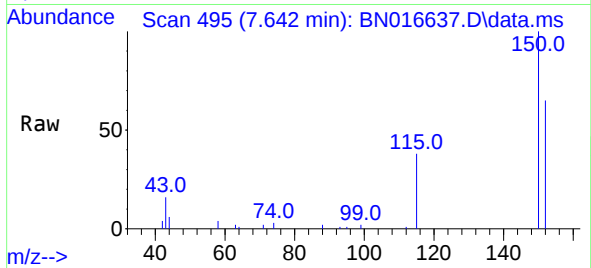


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20210920

Tgt Ion:152 Resp: 29090

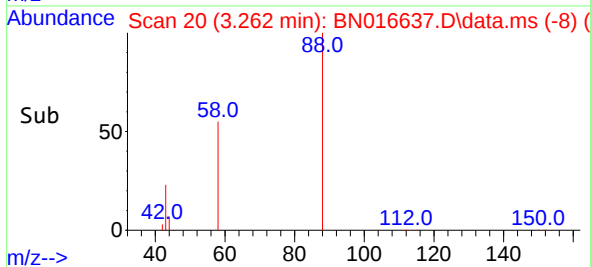
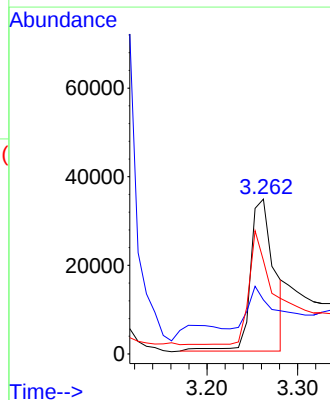
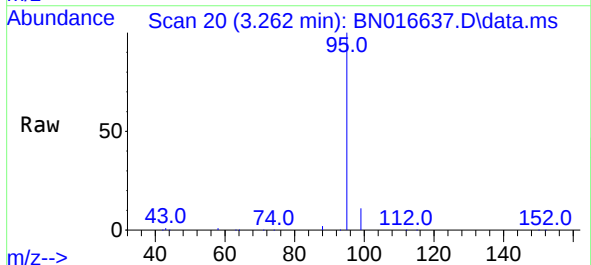
Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	58.6	46.5	69.7

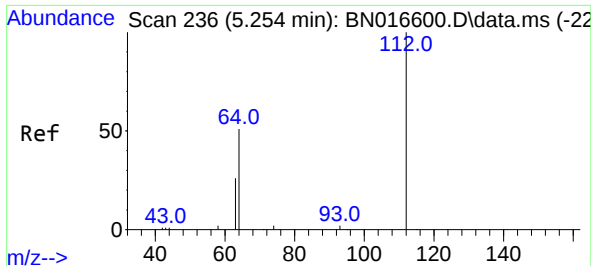


#2
 1,4-Dioxane
 Concen: 4.66 ng
 RT: 3.262 min Scan# 20
 Delta R.T. 0.009 min
 Lab File: BN016637.D
 Acq: 01 Oct 2021 15:55

Tgt Ion: 88 Resp: 62334

Ion	Ratio	Lower	Upper
88	100		
43	25.6	37.8	56.8#
58	67.1	61.3	91.9

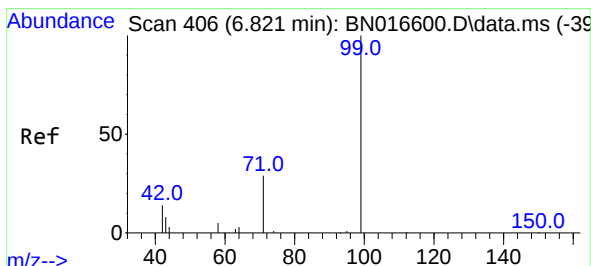
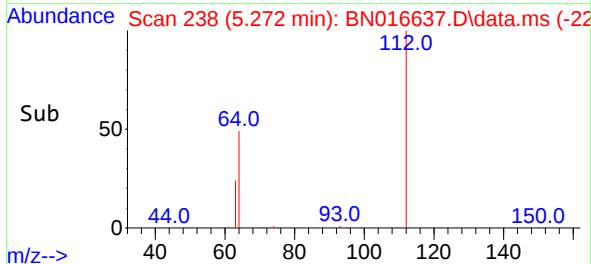
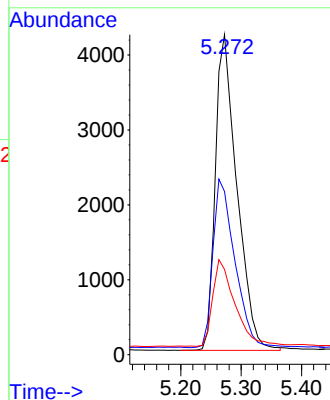
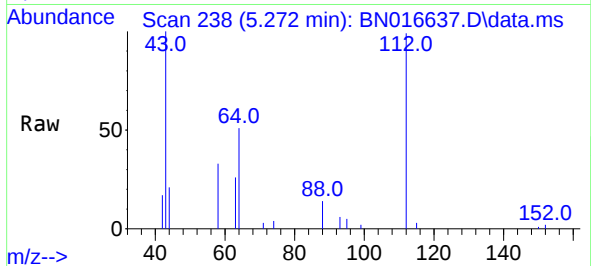




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.018 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

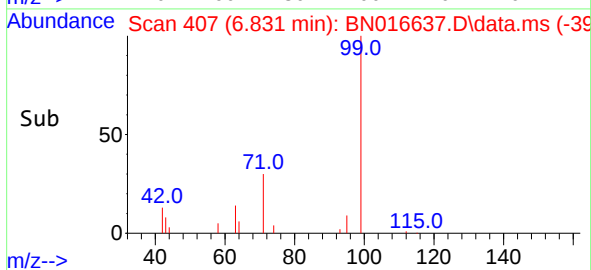
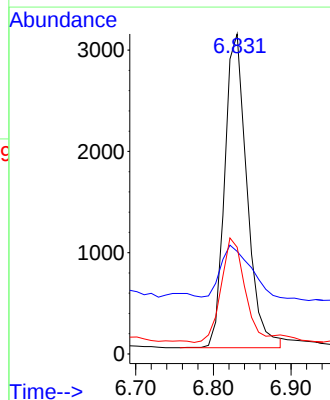
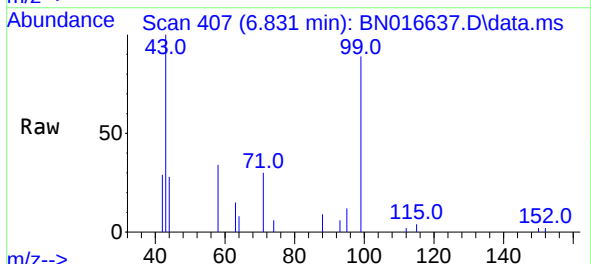
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

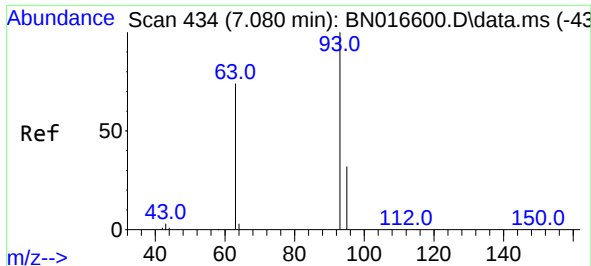
Tgt Ion:112 Resp: 10431
Ion Ratio Lower Upper
112 100
64 54.2 43.1 64.7
63 28.2 21.6 32.4



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

Tgt Ion: 99 Resp: 6183
Ion Ratio Lower Upper
99 100
42 21.9 13.0 19.6#
71 35.9 23.5 35.3#



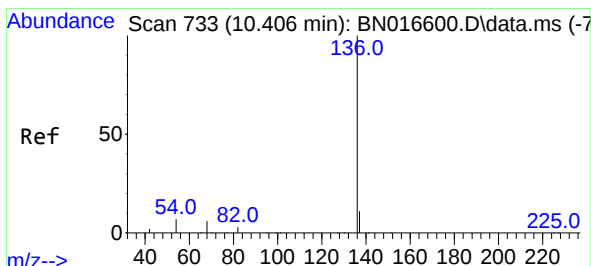
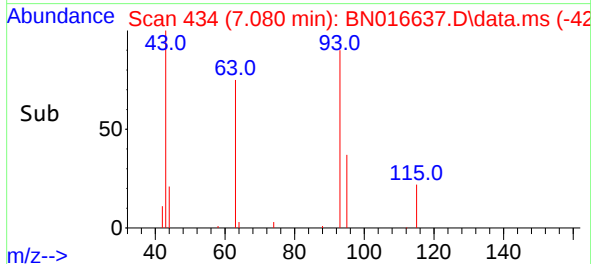
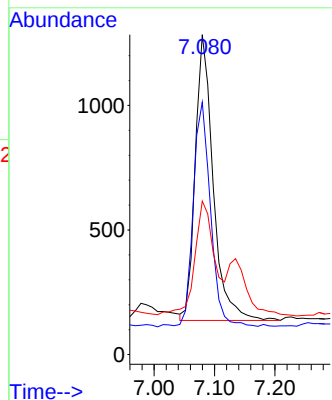
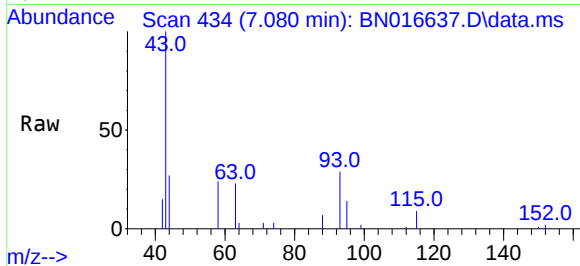


#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.080 min Scan# 434
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

Tgt Ion: 93 Resp: 2371

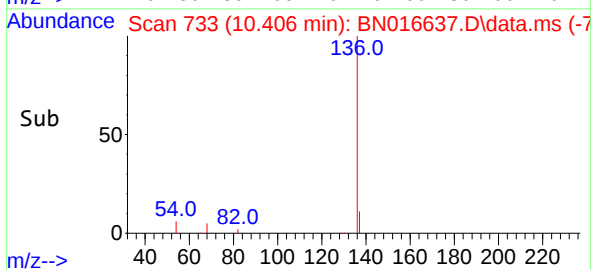
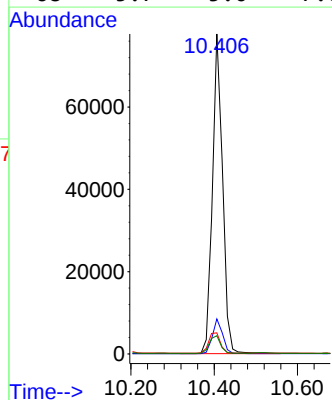
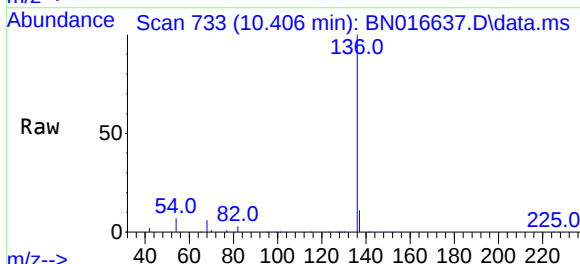
Ion	Ratio	Lower	Upper
93	100		
63	76.4	59.1	88.7
95	44.2	26.2	39.4

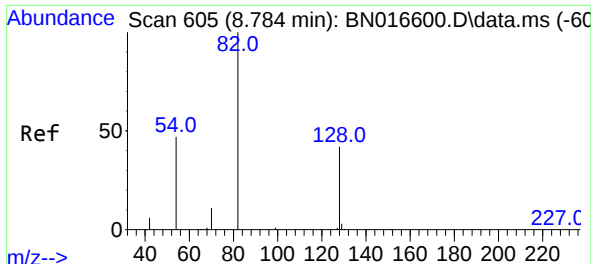


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.406 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

Tgt Ion: 136 Resp: 131567

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	5.9	8.9
68	5.7	5.0	7.6

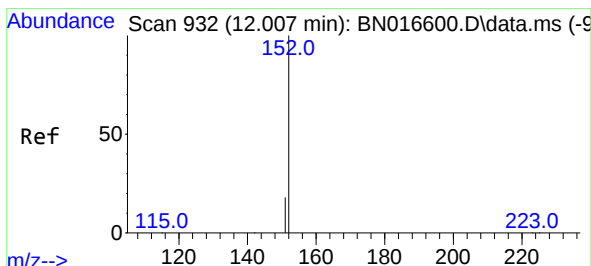
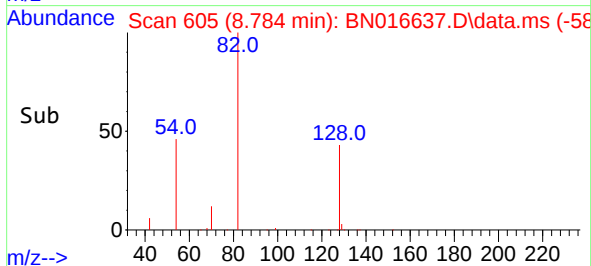
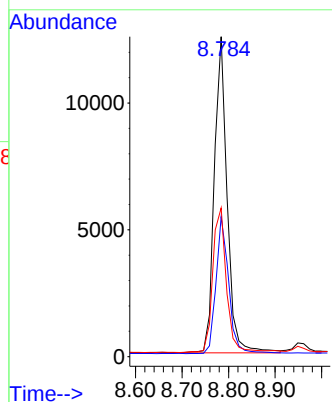
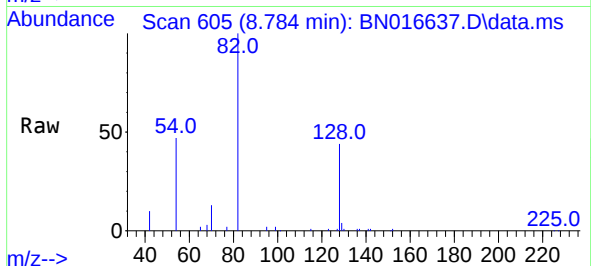




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.784 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

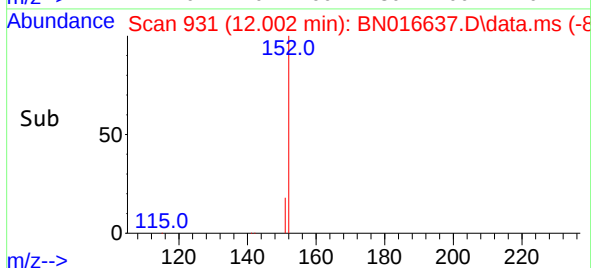
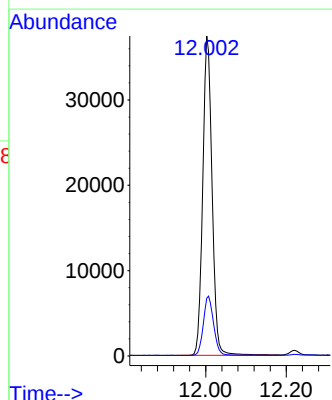
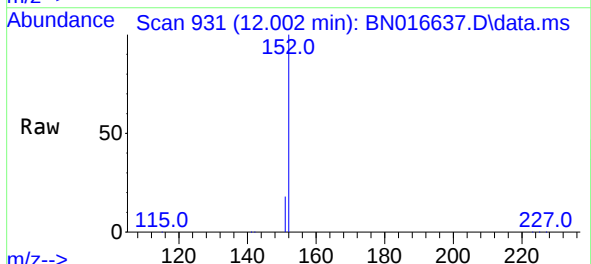
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

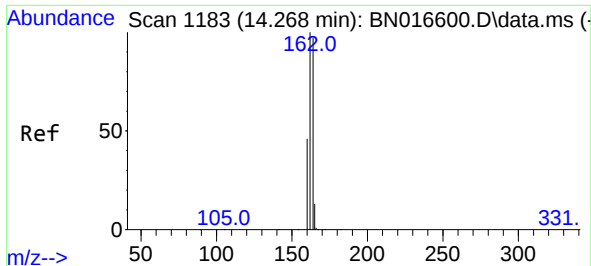
Tgt Ion:	82	Resp:	23901
Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.6	50.4
54	46.5	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

Tgt Ion:	152	Resp:	60373
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

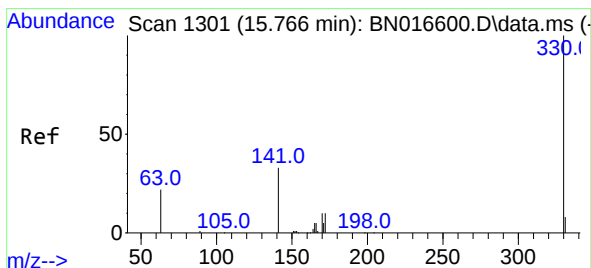
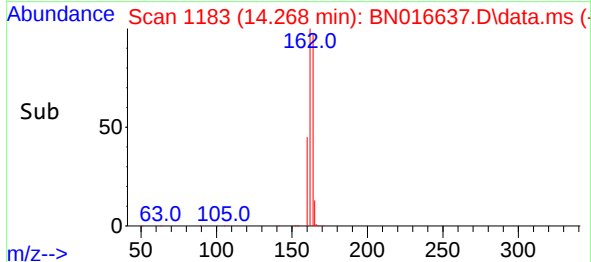
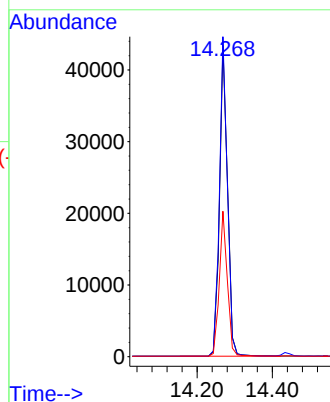
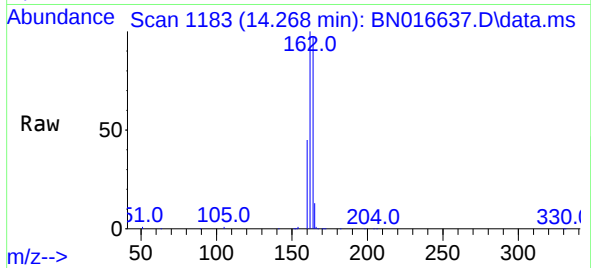




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

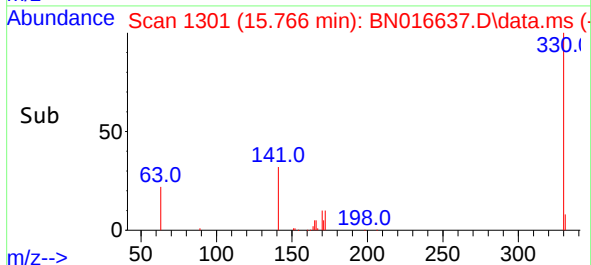
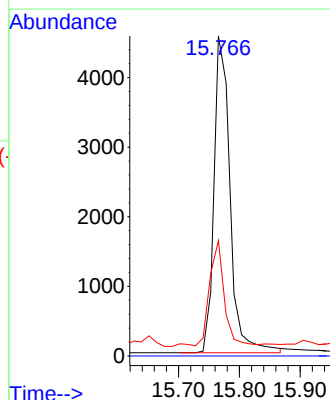
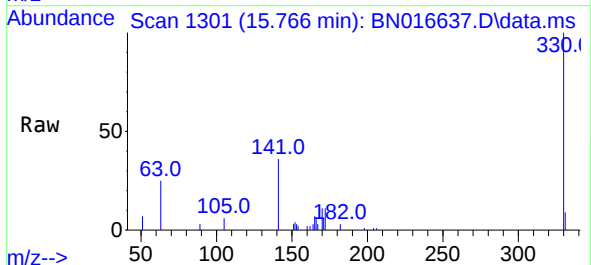
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

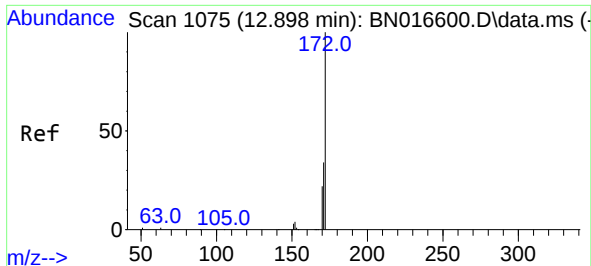
Tgt Ion:164 Resp: 64205
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.2
160 46.8 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

Tgt Ion:330 Resp: 8328
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.3 25.2 37.8

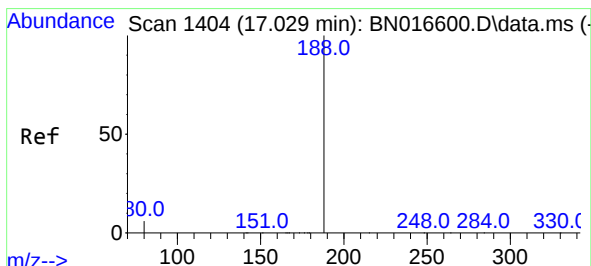
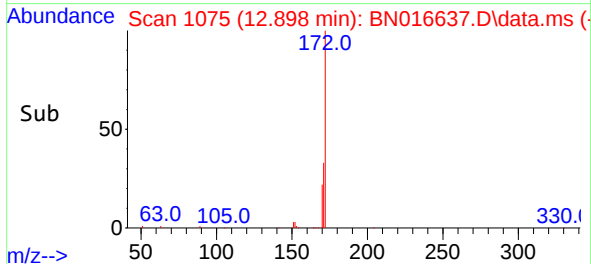
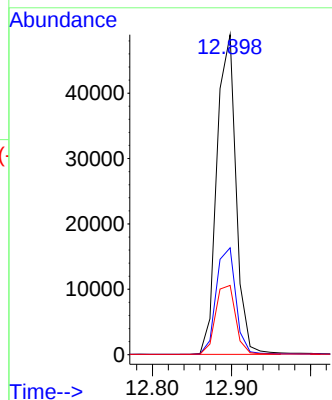
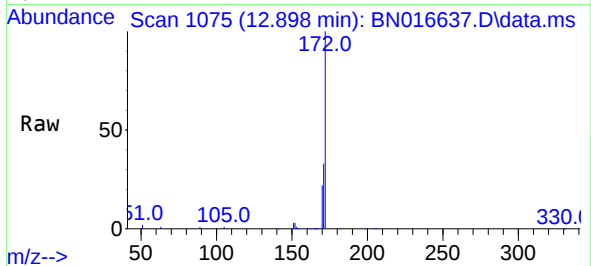




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

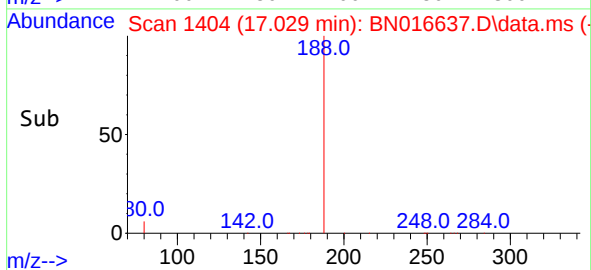
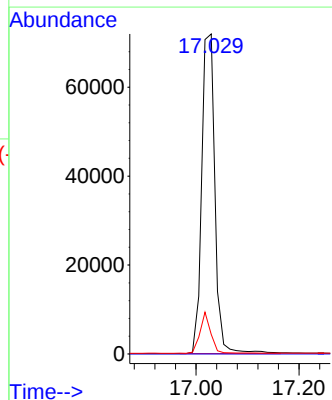
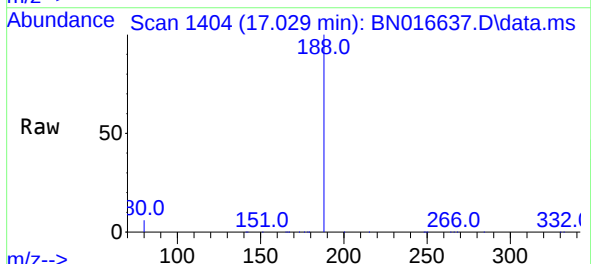
Instrument :
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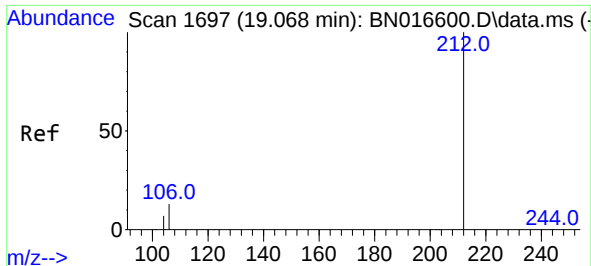
Tgt Ion:	172	Resp:	82319
Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.0	40.4
170	21.7	17.4	26.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

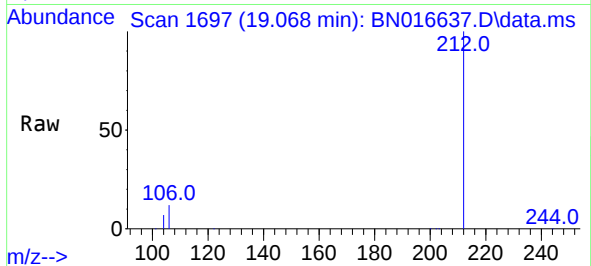
Tgt Ion:	188	Resp:	128953
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	5.0	7.6



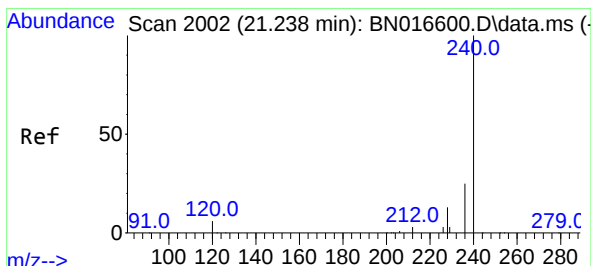
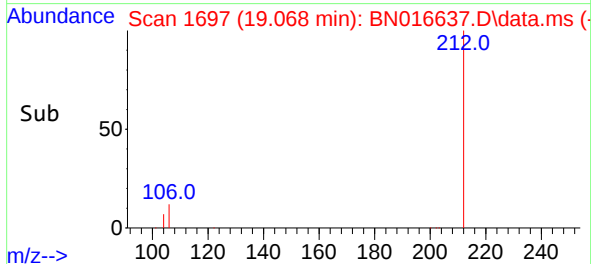
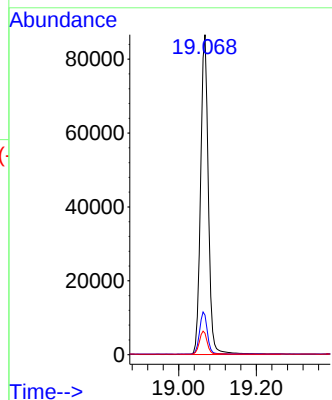


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

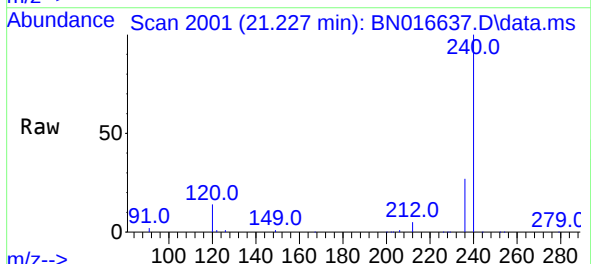
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920



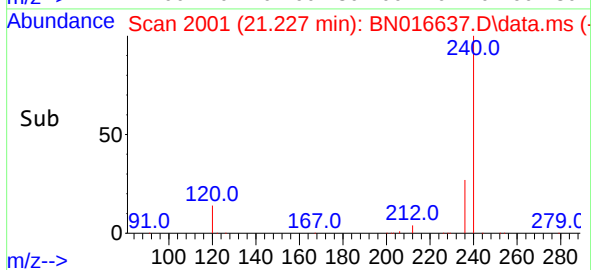
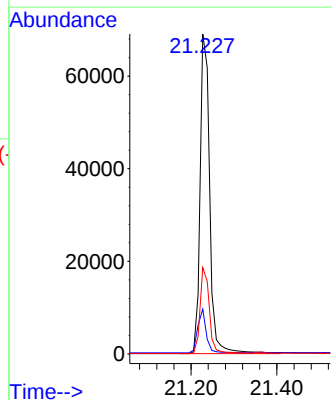
Tgt Ion:212 Resp: 120101
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.9 8.9

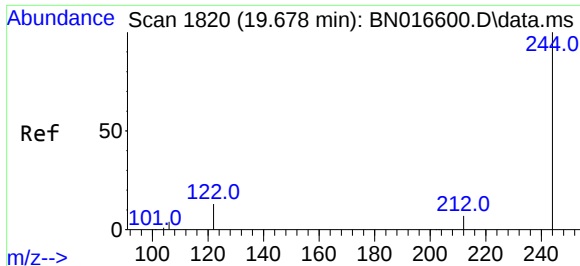


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55



Tgt Ion:240 Resp: 106783
Ion Ratio Lower Upper
240 100
120 14.0 5.0 7.4#
236 27.0 20.4 30.6

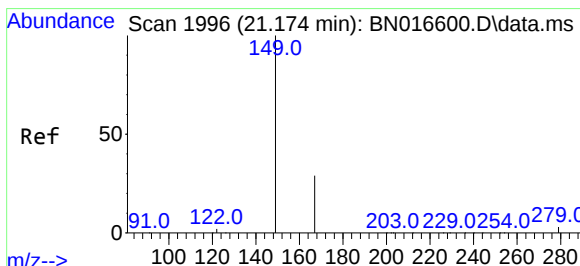
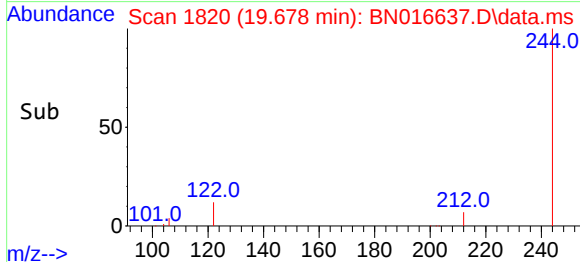
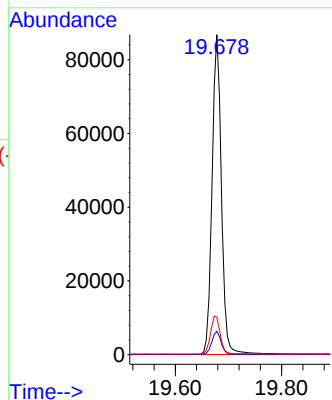
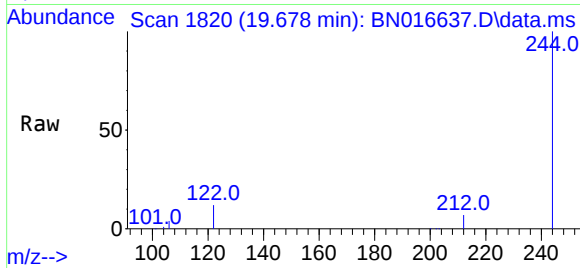




#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

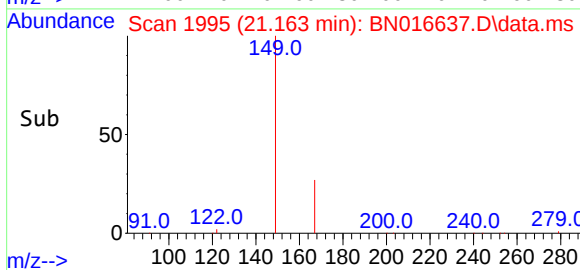
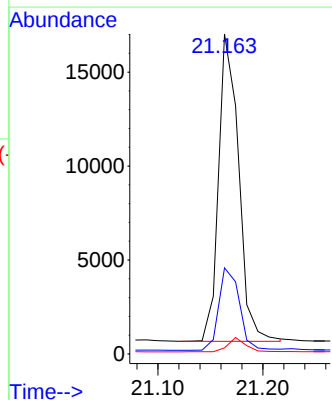
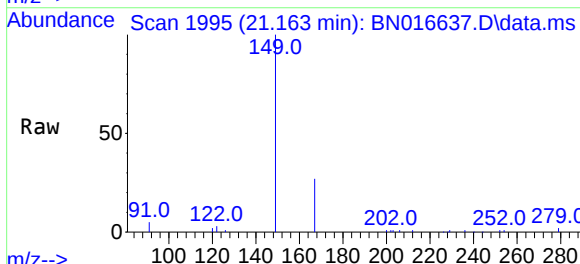
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

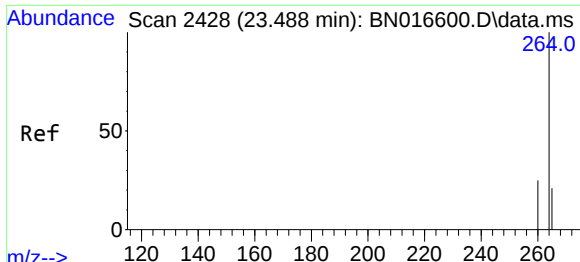
Tgt Ion:244 Resp: 105940
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.8 10.1 15.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

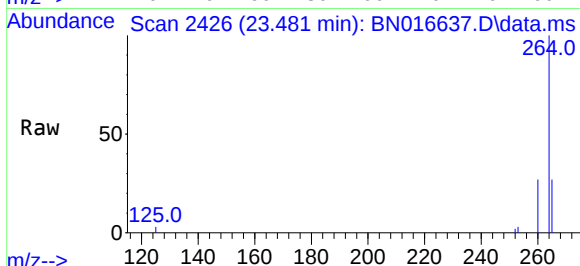
Tgt Ion:149 Resp: 21789
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.4
279 4.2 3.2 4.8





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016637.D
Acq: 01 Oct 2021 15:55

Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920



Tgt Ion:264 Resp: 41278

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.9	29.9
265	27.2	19.2	28.8

