

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016627.D
 Acq On : 01 Oct 2021 08:58
 Operator : CG/JU
 Sample : M3833-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20210918

Quant Time: Oct 01 11:00:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

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

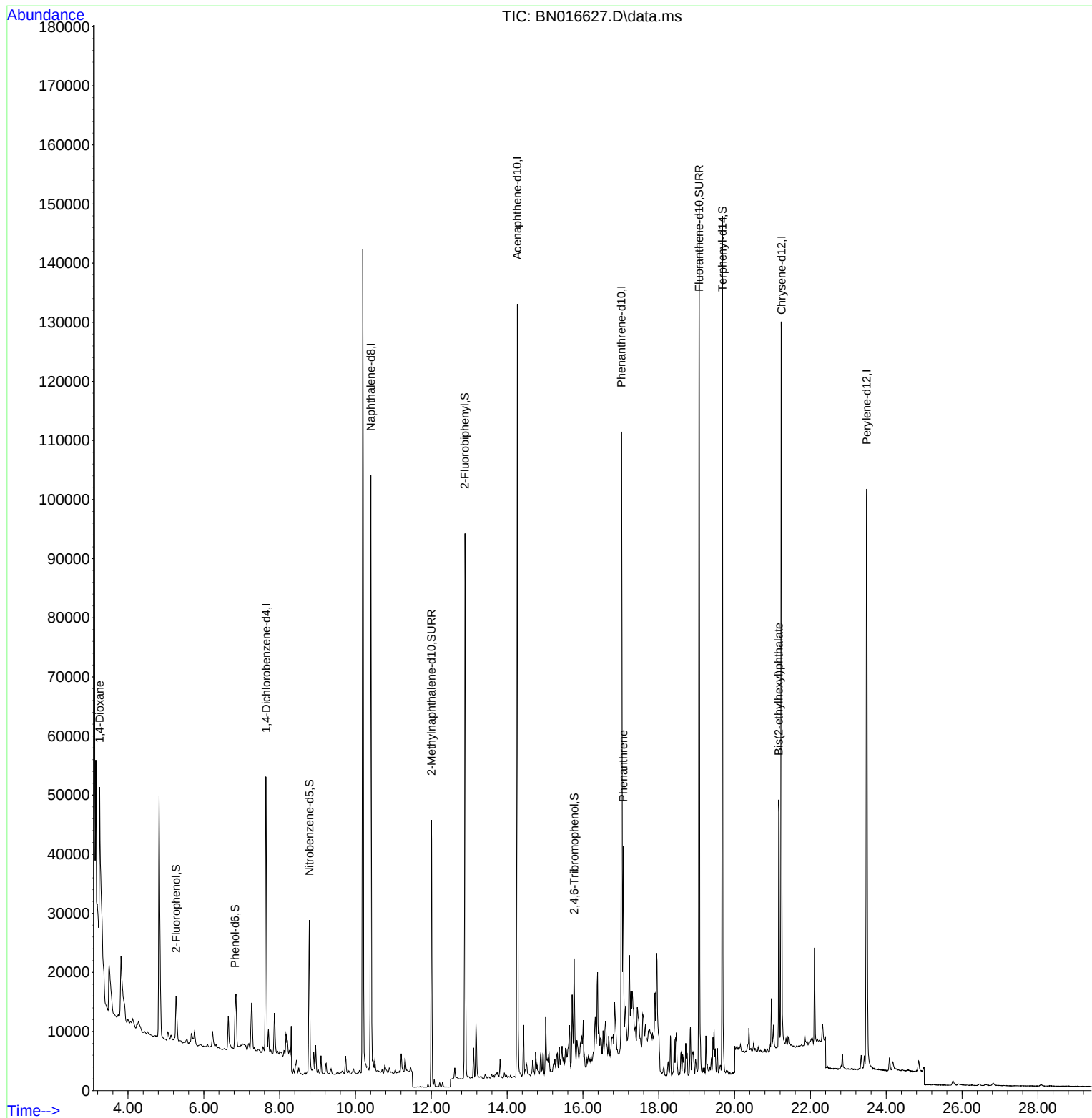
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29271	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	134645	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	72124	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	141637	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	134763	0.40	ng	0.00
35) Perylene-d12	23.484	264	137044	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	10293	0.14	ng	0.02
5) Phenol-d6	6.822	99	6594	0.08	ng	0.00
8) Nitrobenzene-d5	8.784	82	23982	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	61451	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11978	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	85680	0.29	ng	-0.01
27) Fluoranthene-d10	19.063	212	163659	0.43	ng	0.00
31) Terphenyl-d14	19.678	244	145429	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	18777	1.39	ng	# 85
25) Phenanthrene	17.066	178	37635	0.09	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.164	149	46280	0.28	ng	99

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

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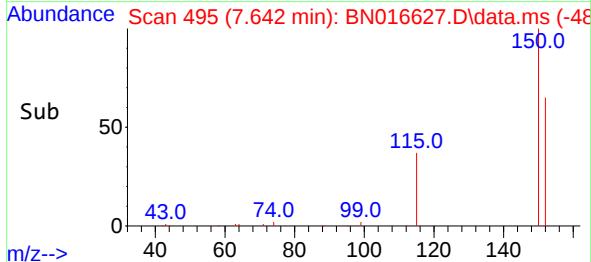
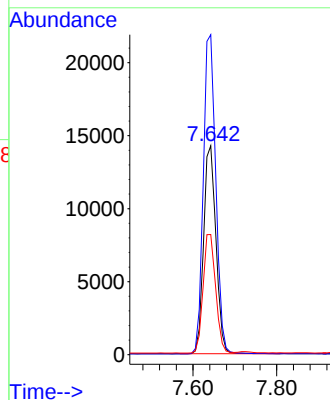
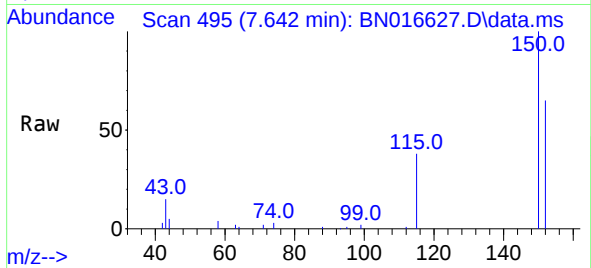




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

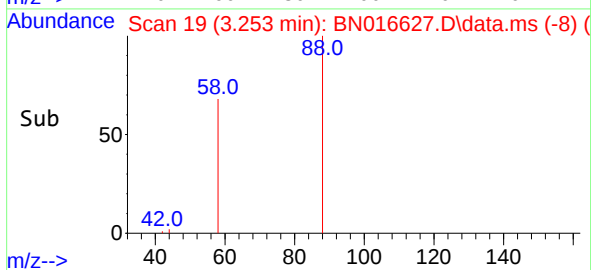
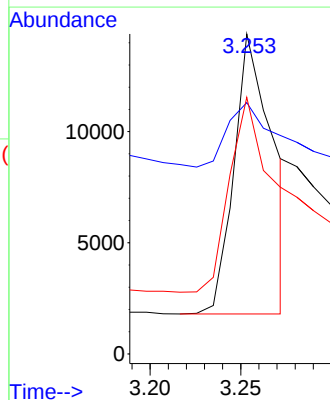
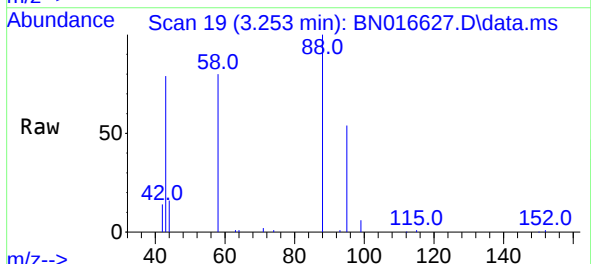
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918

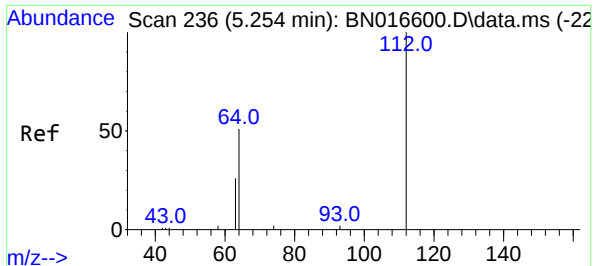
Tgt Ion:152 Resp: 29271
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 57.5 46.5 69.7



#2
1,4-Dioxane
Concen: 1.39 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion: 88 Resp: 18777
Ion Ratio Lower Upper
88 100
43 24.9 37.8 56.8#
58 73.5 61.3 91.9

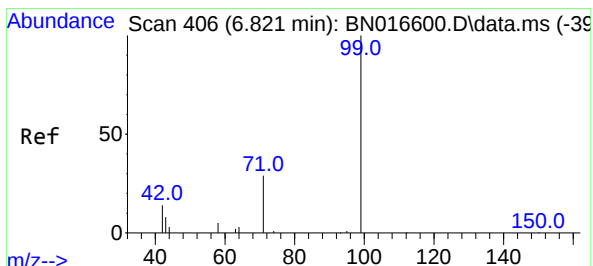
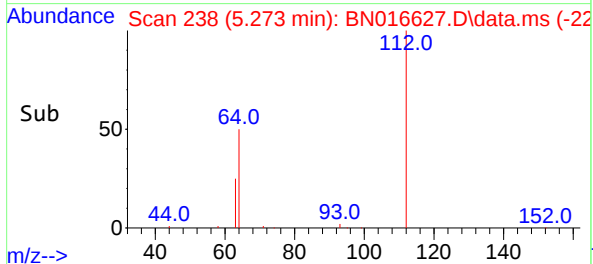
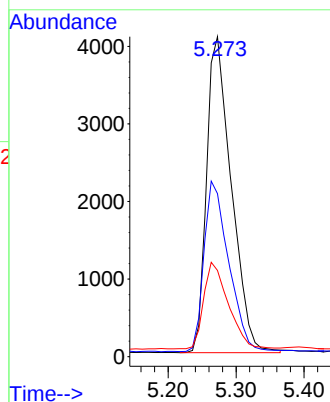
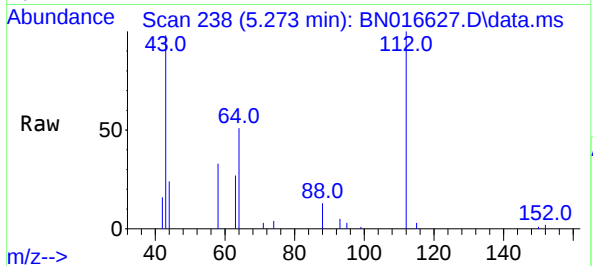




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

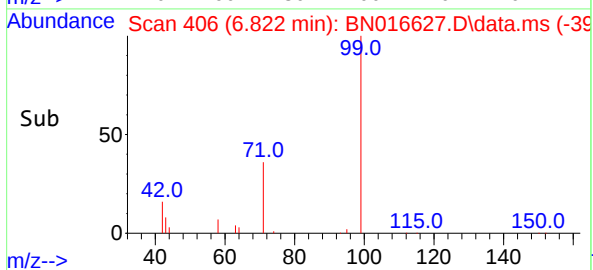
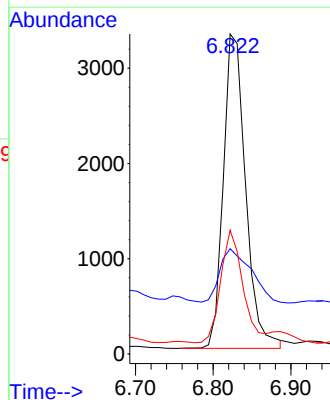
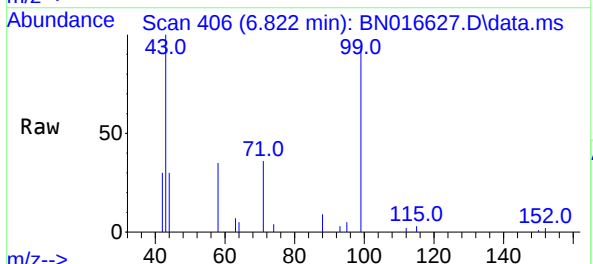
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918

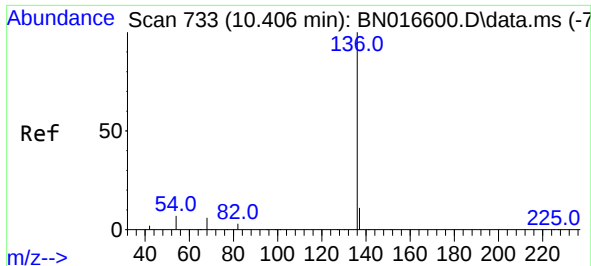
Tgt Ion:	112	Resp:	10293
Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.1	64.7
63	27.4	21.6	32.4



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

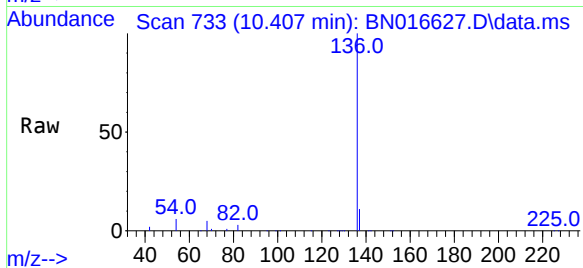
Tgt Ion:	99	Resp:	6594
Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.0	19.6#
71	35.7	23.5	35.3#





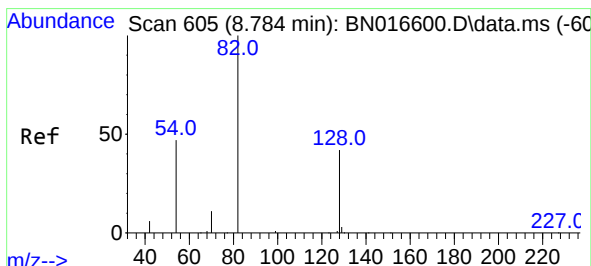
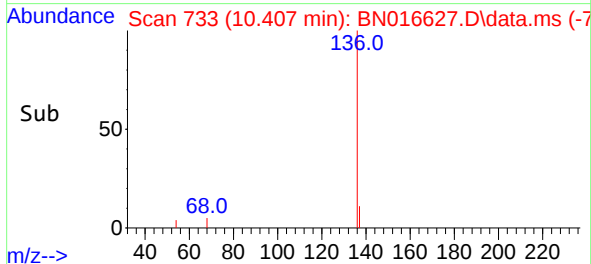
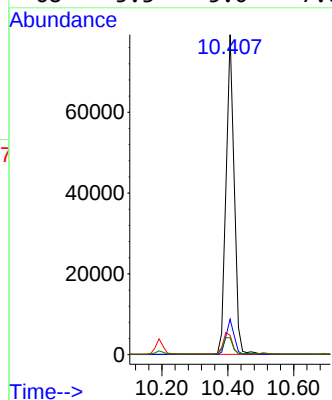
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918



Tgt Ion: 136 Resp: 134645

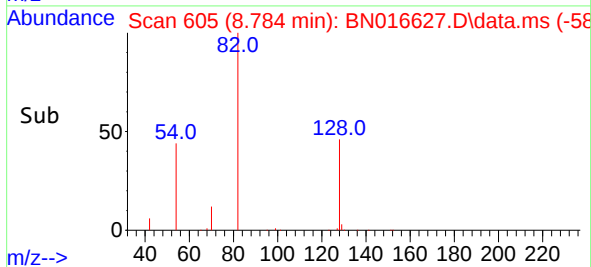
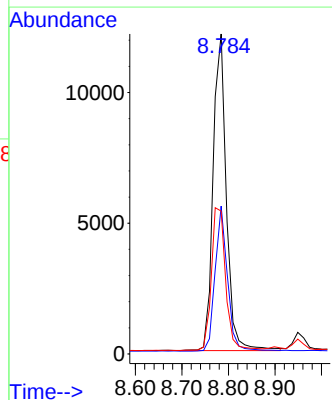
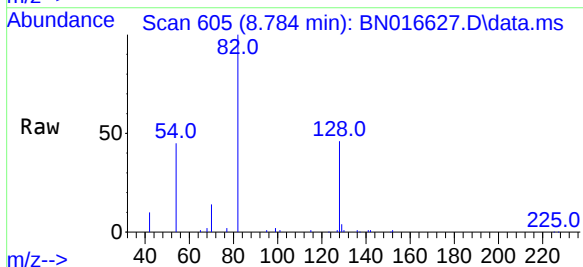
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.1	5.9	8.9
68	5.3	5.0	7.6

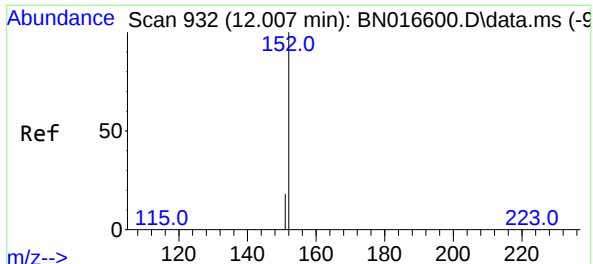


#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion: 82 Resp: 23982

Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.6	50.4
54	44.6	37.6	56.4

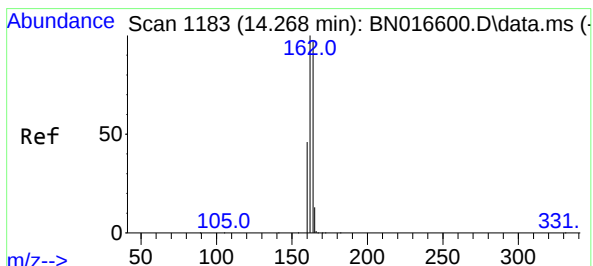
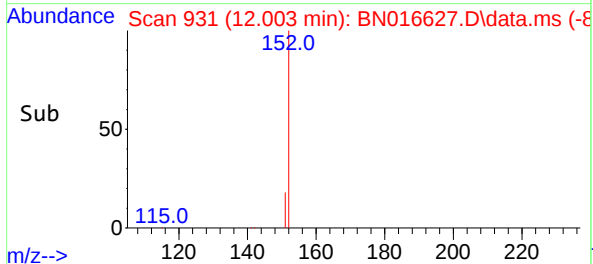
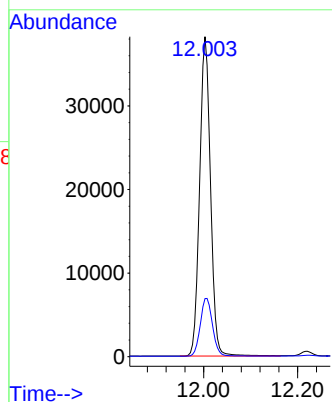
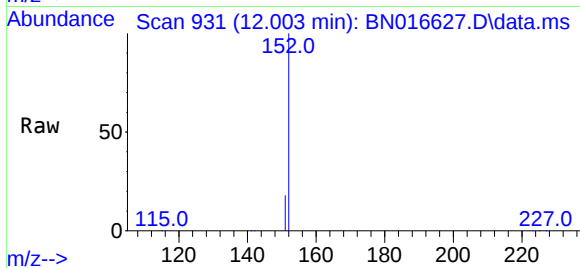




#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

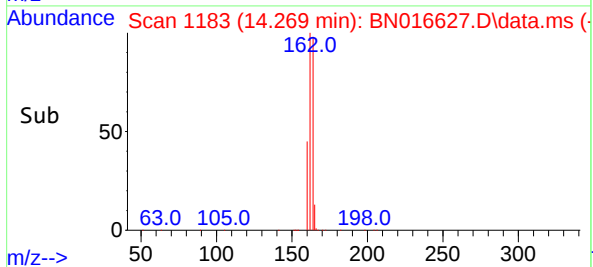
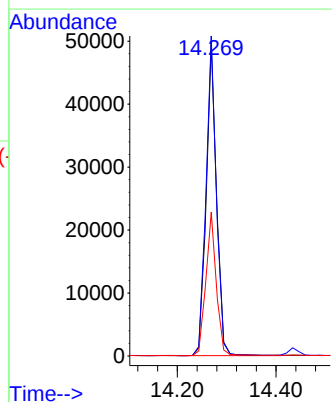
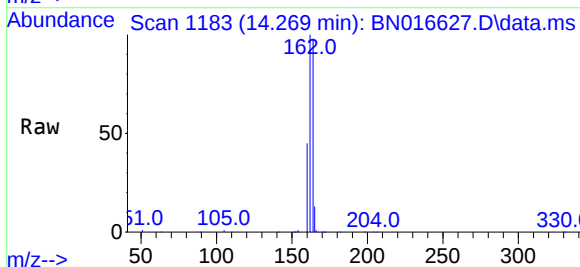
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918

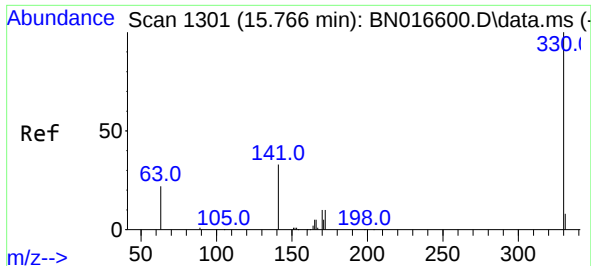
Tgt Ion:152 Resp: 61451
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion:164 Resp: 72124
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 46.0 37.7 56.5

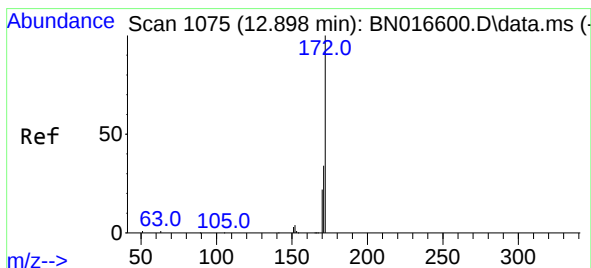
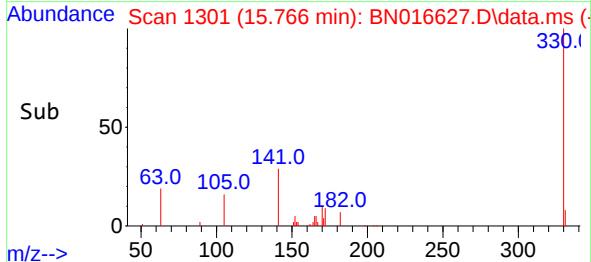
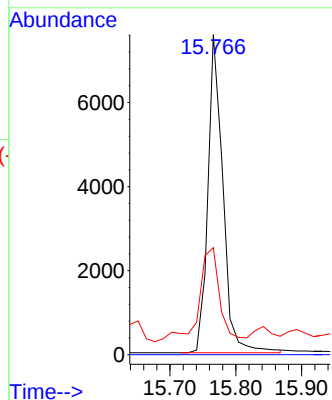
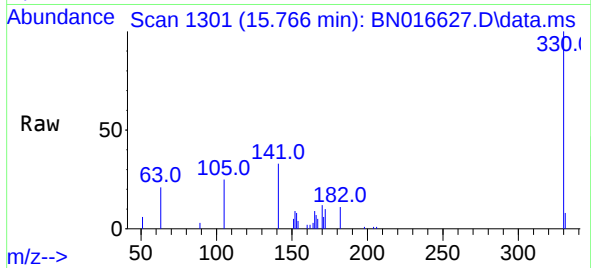




#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

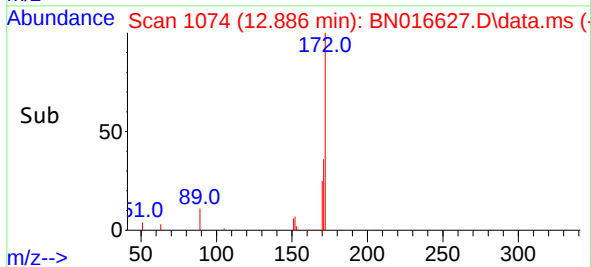
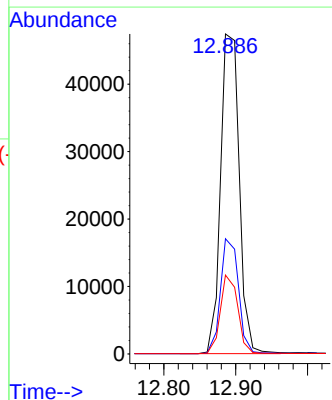
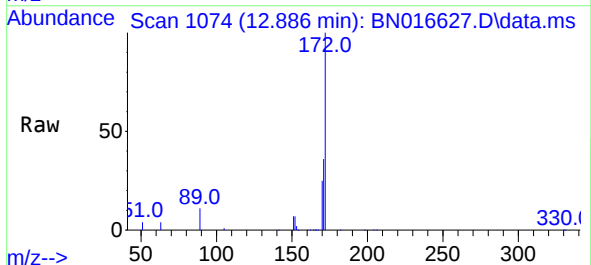
Instrument :
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ClientSampleId :
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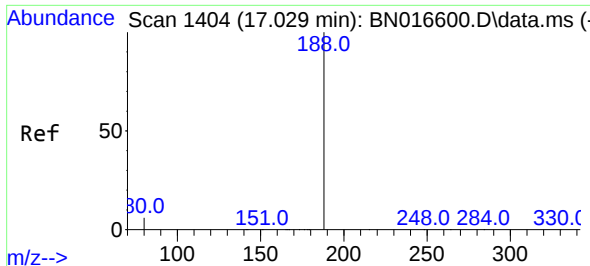
Tgt Ion:330 Resp: 11978
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.4 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion:172 Resp: 85680
Ion Ratio Lower Upper
172 100
171 36.0 27.0 40.4
170 24.6 17.4 26.2

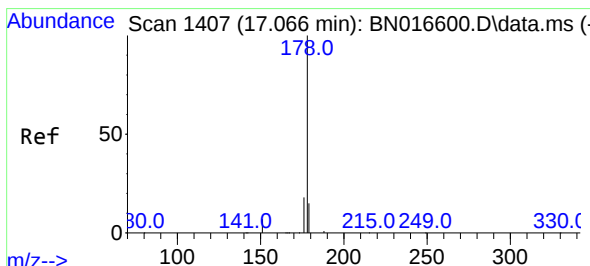
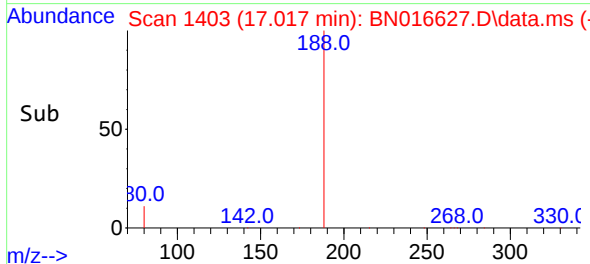
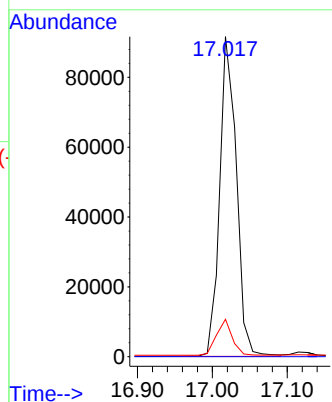
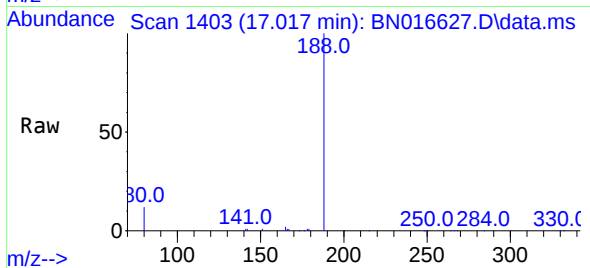




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

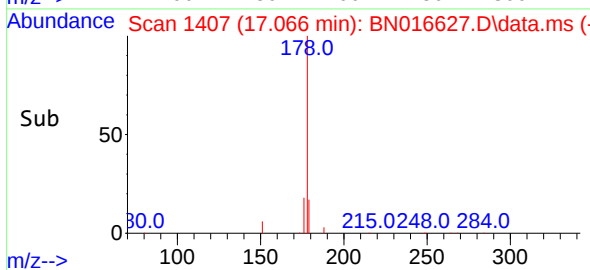
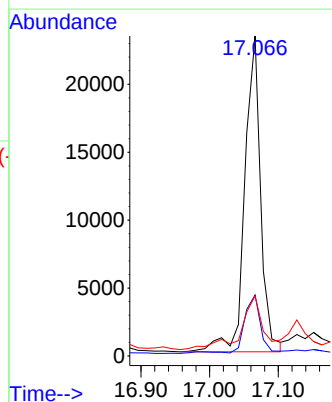
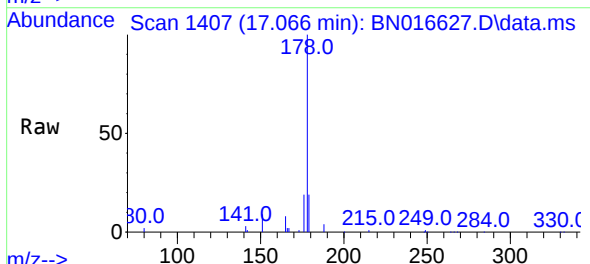
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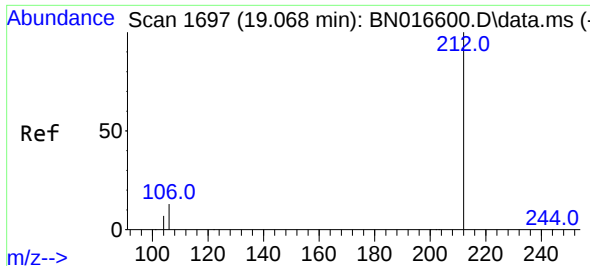
Tgt Ion:188 Resp: 141637
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 5.0 7.6#



#25
Phenanthrene
Concen: 0.09 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion:178 Resp: 37635
Ion Ratio Lower Upper
178 100
176 17.1 15.0 22.4
179 22.4 12.2 18.4#



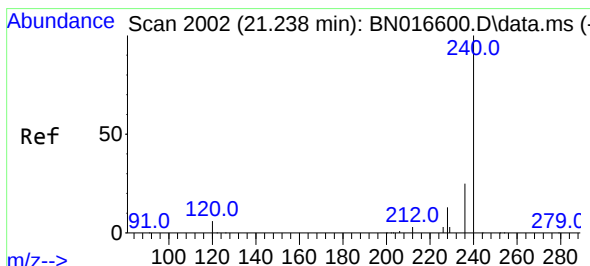
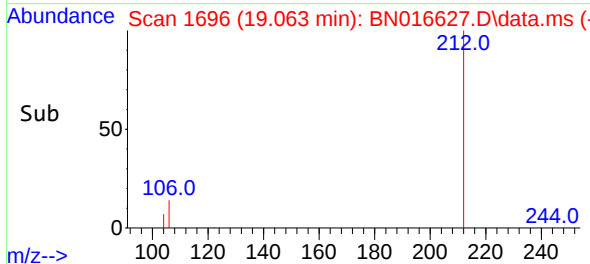
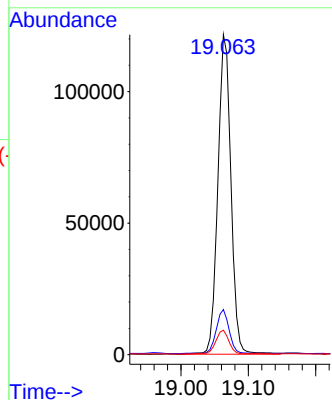
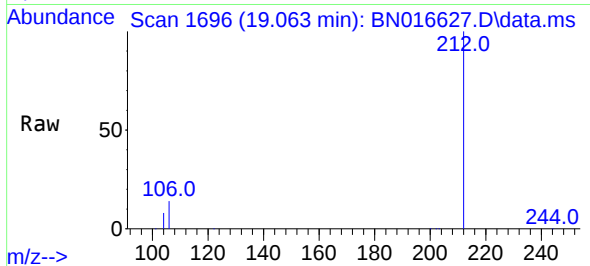


#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Instrument :
BNA_N
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Tgt Ion:212 Resp: 163659

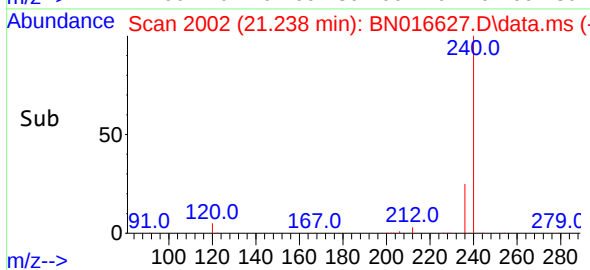
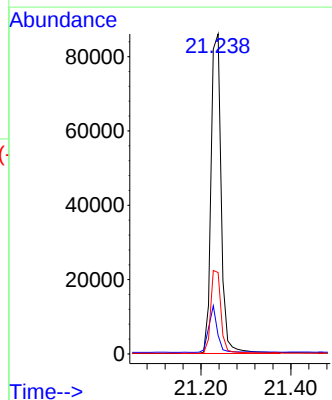
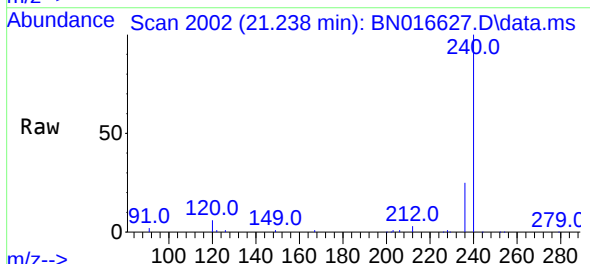
Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.5	5.9	8.9

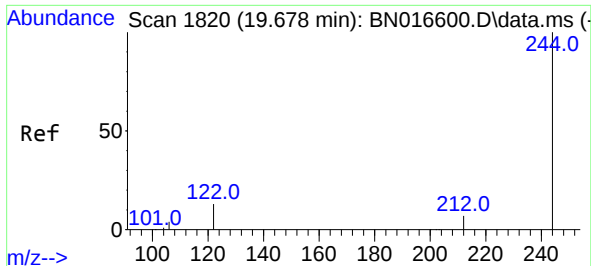


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

Tgt Ion:240 Resp: 134763

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.0	7.4
236	25.4	20.4	30.6

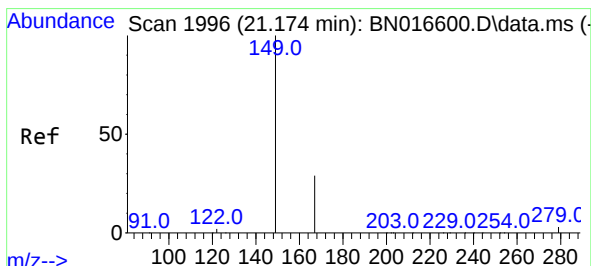
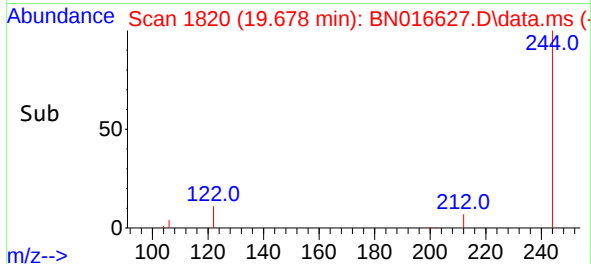
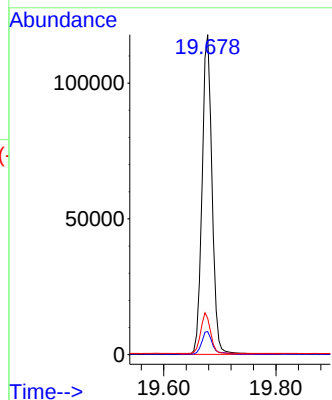
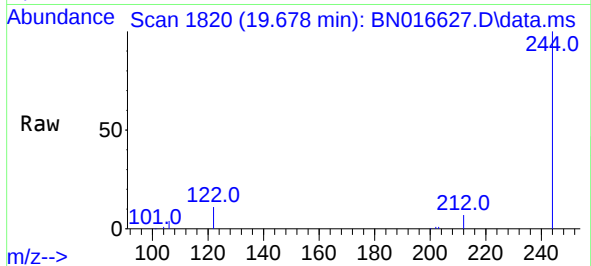




#31
Terphenyl-d14
Concen: 0.50 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

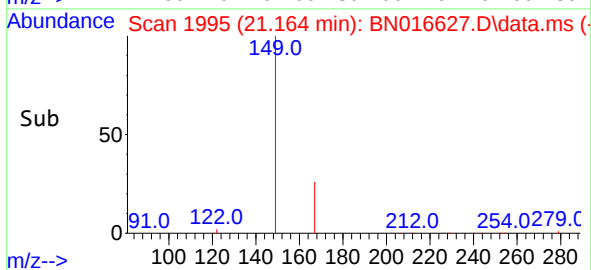
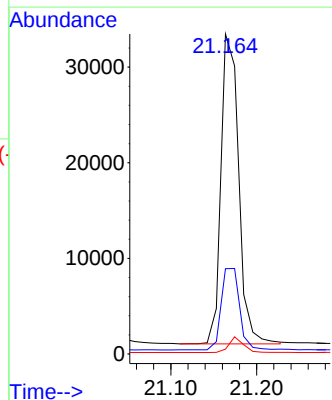
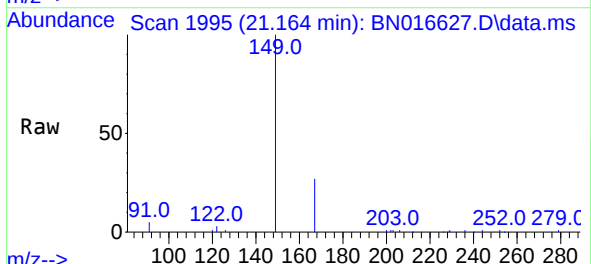
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210918

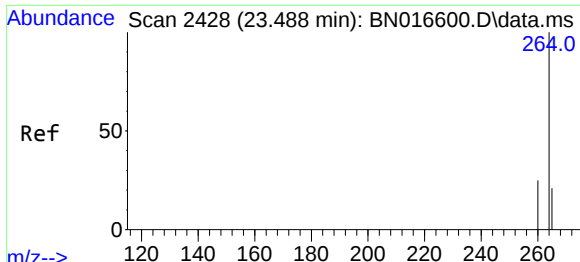
Tgt Ion:244 Resp: 145429
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.4 10.1 15.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016627.D
Acq: 01 Oct 2021 08:58

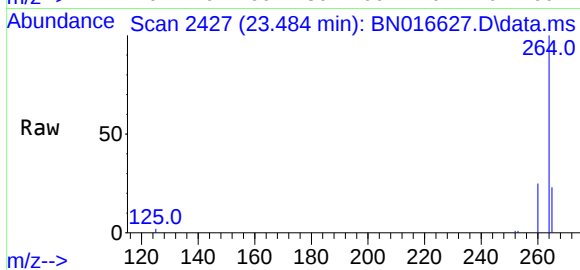
Tgt Ion:149 Resp: 46280
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.4
279 4.2 3.2 4.8





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. -0.003 min
 Lab File: BN016627.D
 Acq: 01 Oct 2021 08:58

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20210918



Tgt Ion:264 Resp: 137044

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	23.4	19.2	28.8

