

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016801.D
 Acq On : 07 Oct 2021 05:32
 Operator : CG/JU
 Sample : M4080-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 07 06:29:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

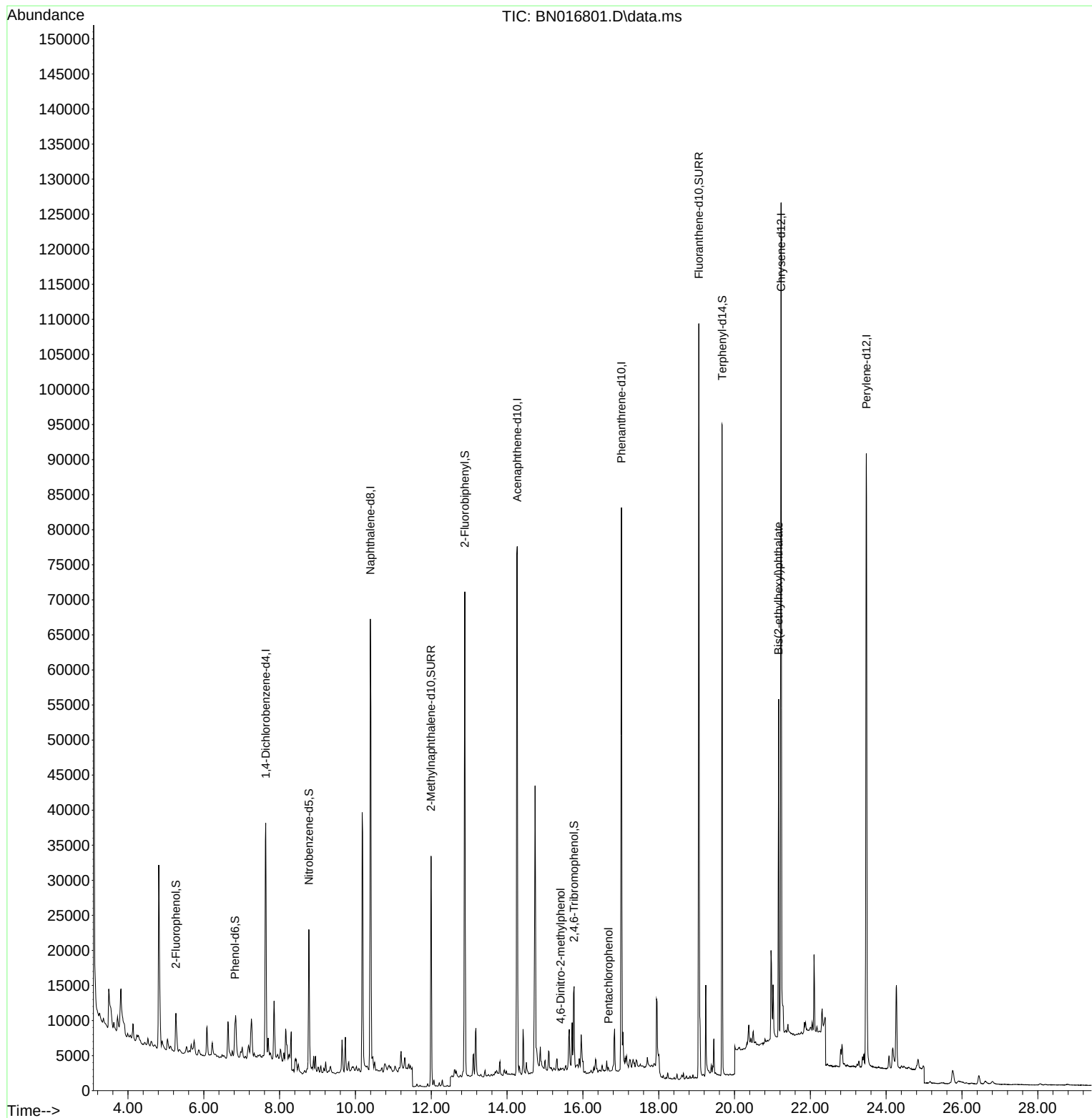
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19384	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	91331	0.400	ng	-0.01
13) Acenaphthene-d10	14.269	164	51433	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	103599	0.400	ng	0.00
29) Chrysene-d12	21.228	240	106930	0.400	ng	0.00
35) Perylene-d12	23.478	264	114031	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	7014	0.142	ng	0.02
5) Phenol-d6	6.822	99	4652	0.085	ng	0.00
8) Nitrobenzene-d5	8.772	82	17907	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	44515	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10903	0.485	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	58577	0.285	ng	0.00
27) Fluoranthene-d10	19.058	212	119246	0.421	ng	0.00
31) Terphenyl-d14	19.674	244	94594	0.395	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.411	198	63	0.273	ng	Qvalue # 1
24) Pentachlorophenol	16.677	266	330	0.348	ng	94
34) Bis(2-ethylhexyl)phtha...	21.164	149	40568	0.202	ng	99

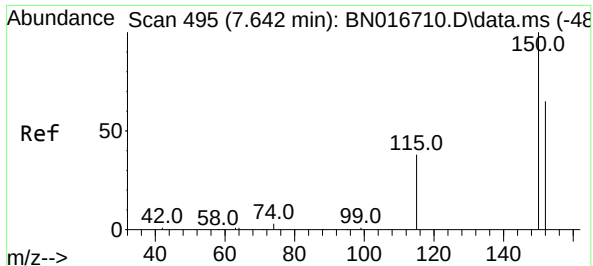
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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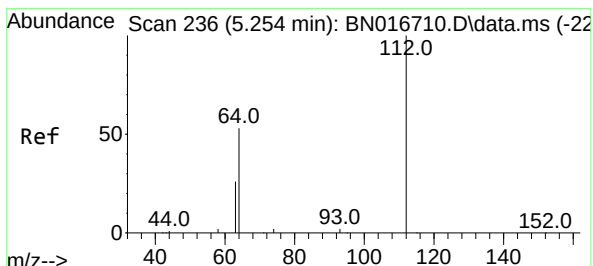
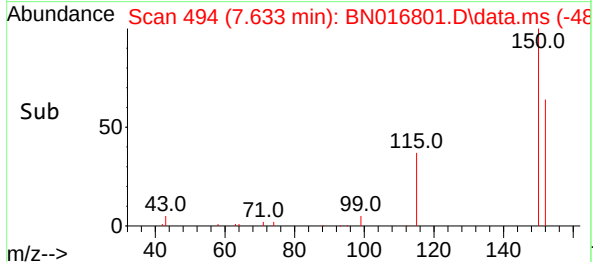
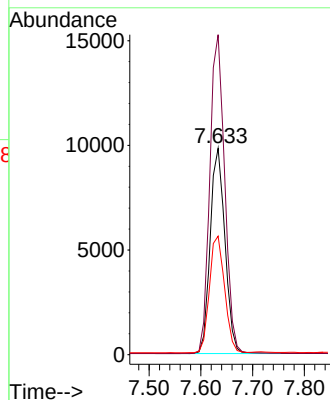
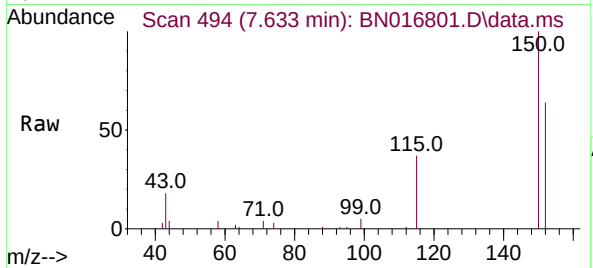




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

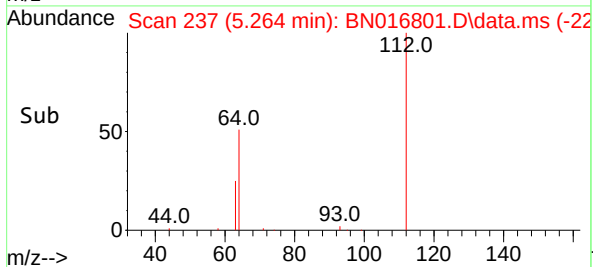
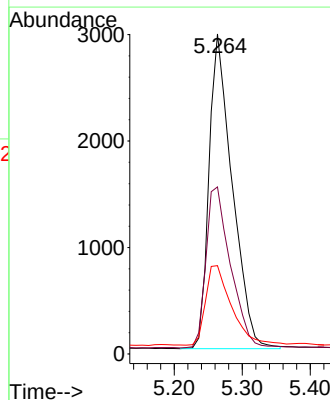
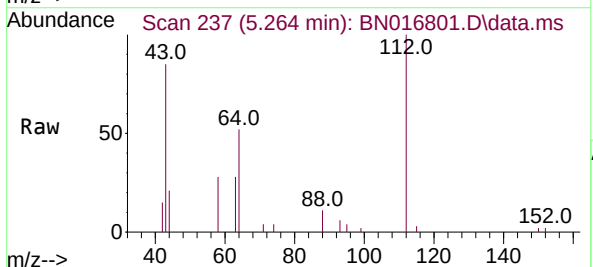
Instrument :
BNA_N
ClientSampled :

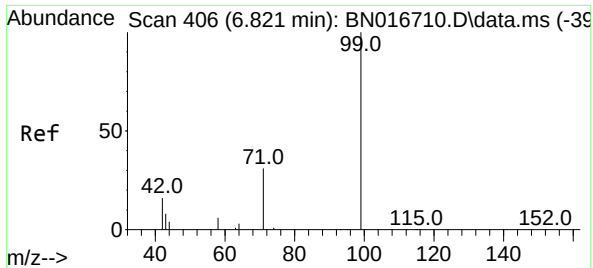
Tgt Ion:152 Resp: 19384
Ion Ratio Lower Upper
152 100
150 155.0 123.3 184.9
115 57.5 47.0 70.6



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

Tgt Ion:112 Resp: 7014
Ion Ratio Lower Upper
112 100
64 54.0 42.9 64.3
63 28.3 21.5 32.3

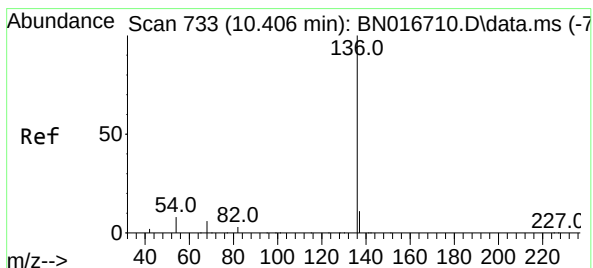
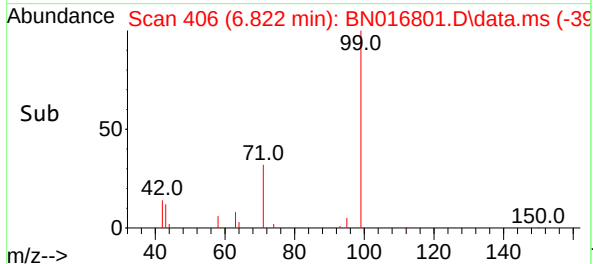
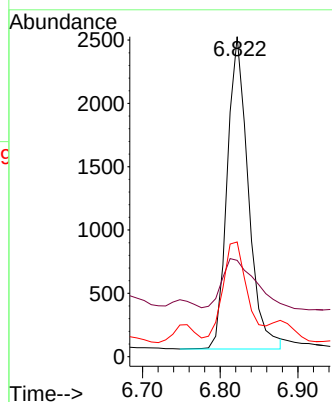
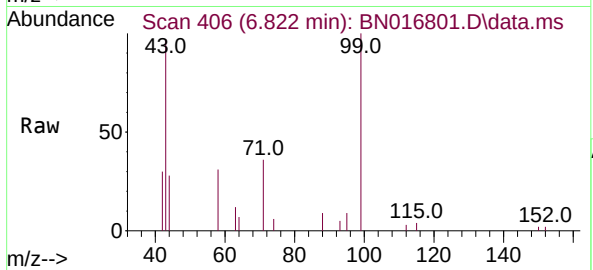




#5
Phenol-d6
Concen: 0.085 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

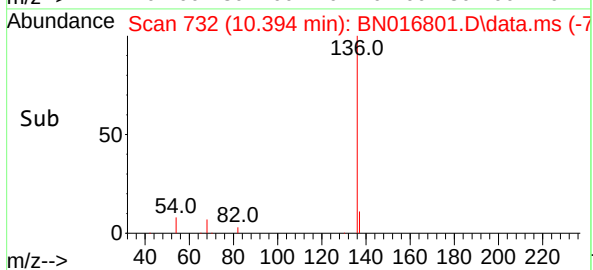
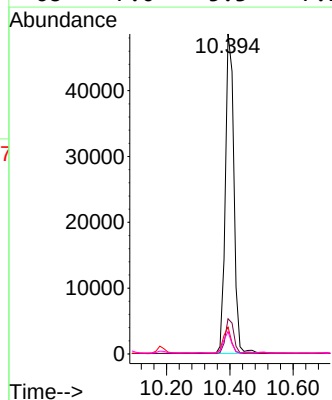
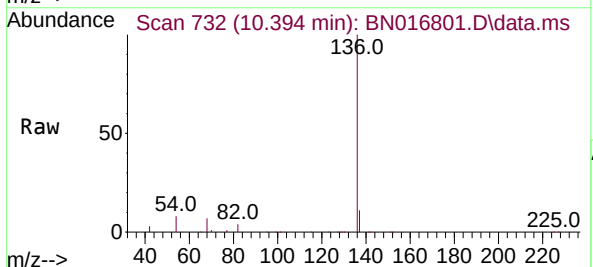
Instrument :
BNA_N
ClientSampleId :

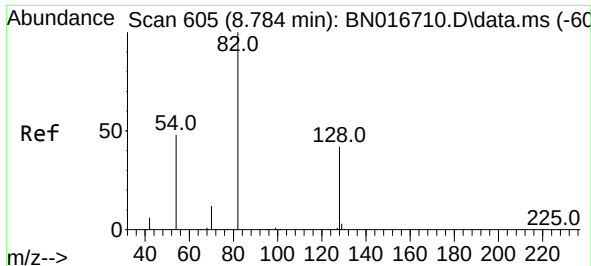
Tgt Ion: 99 Resp: 4652
Ion Ratio Lower Upper
99 100
42 24.0 13.4 20.2#
71 34.7 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.012 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

Tgt Ion: 136 Resp: 91331
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.4 6.5 9.7
68 7.0 5.3 7.9

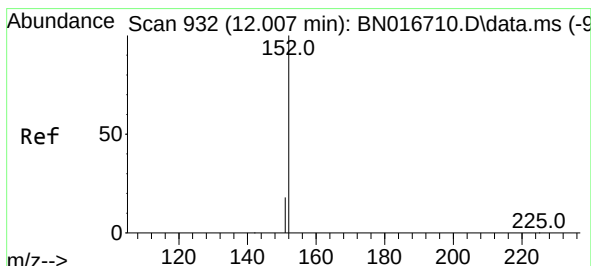
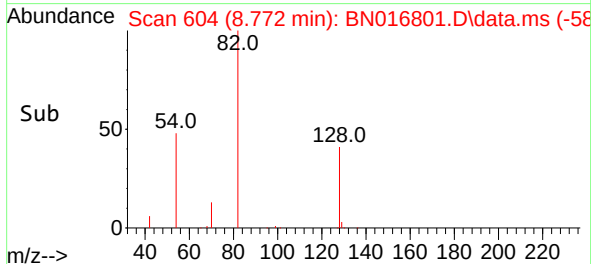
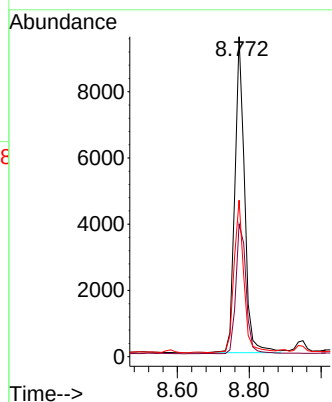
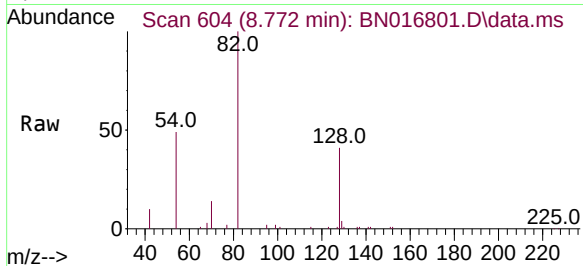




#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

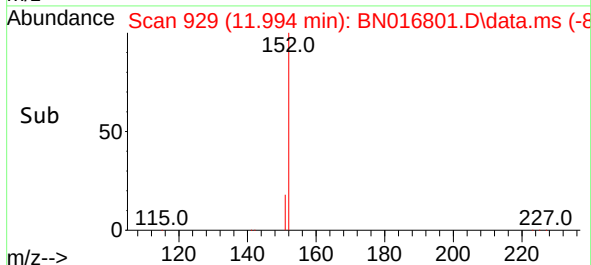
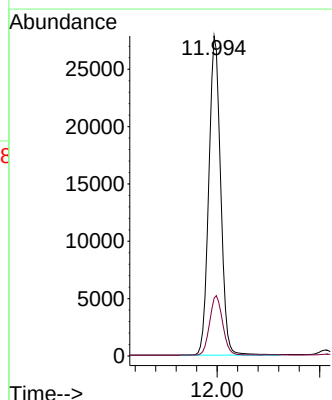
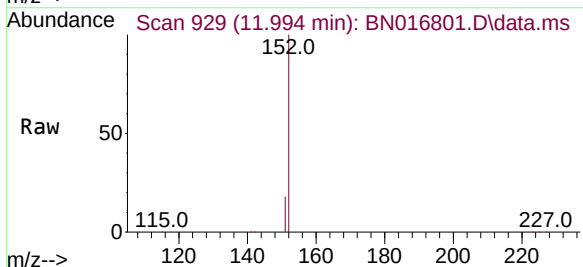
Instrument :
BNA_N
ClientSampleId :

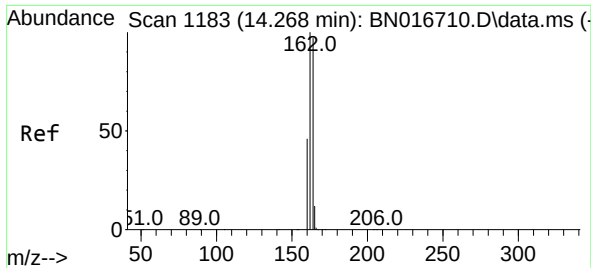
Tgt Ion: 82 Resp: 17907
Ion Ratio Lower Upper
82 100
128 41.4 33.8 50.6
54 48.9 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.004 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

Tgt Ion: 152 Resp: 44515
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

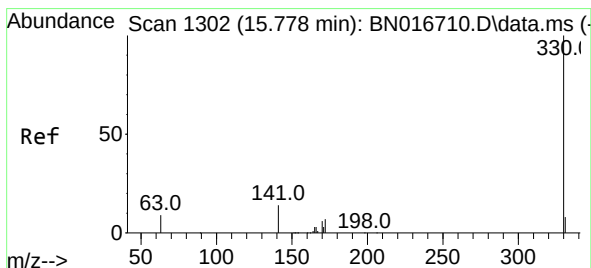
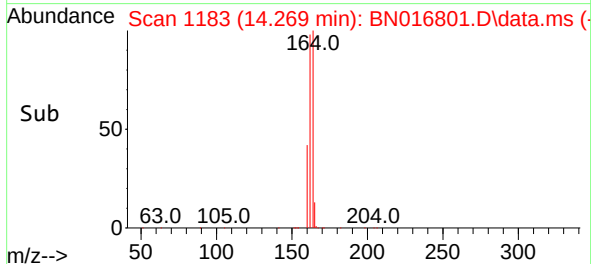
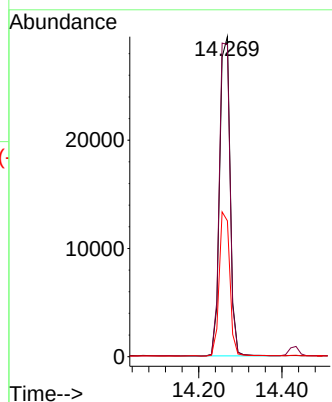
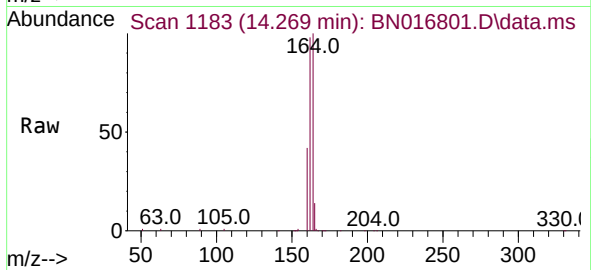




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

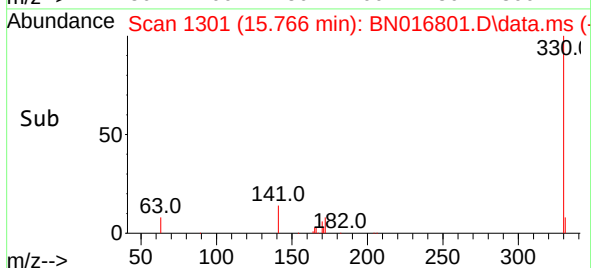
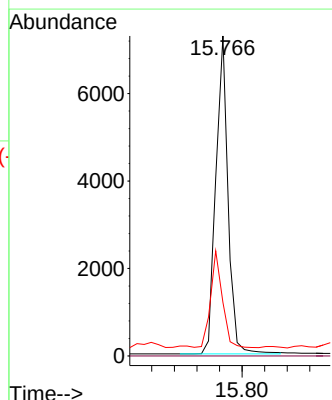
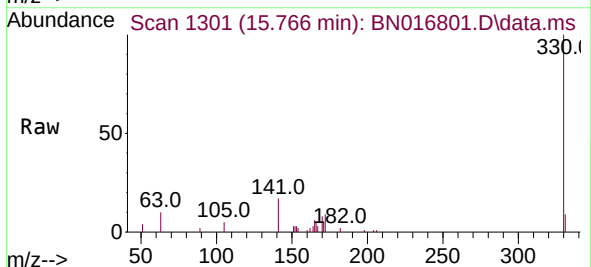
Instrument :
BNA_N
ClientSampled :

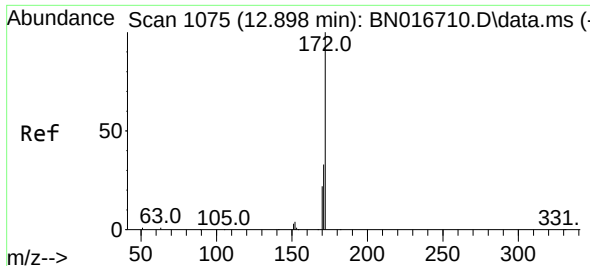
Tgt Ion:164 Resp: 51433
Ion Ratio Lower Upper
164 100
162 97.6 82.6 124.0
160 42.5 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.485 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

Tgt Ion:330 Resp: 10903
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.1 24.2 36.2

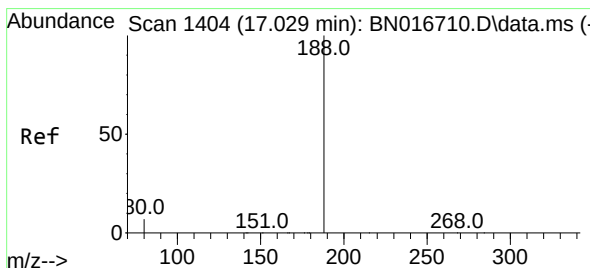
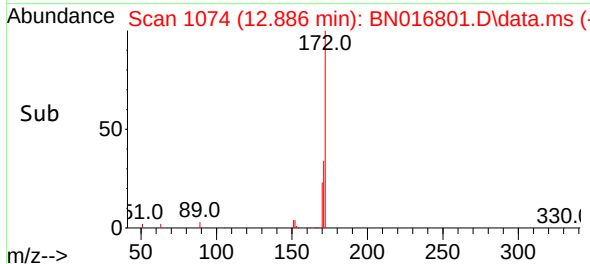
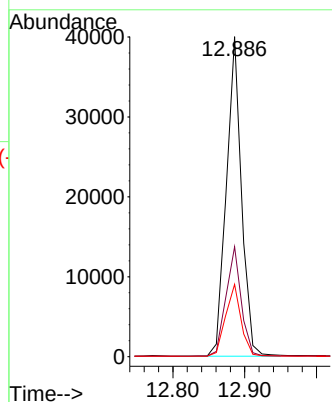
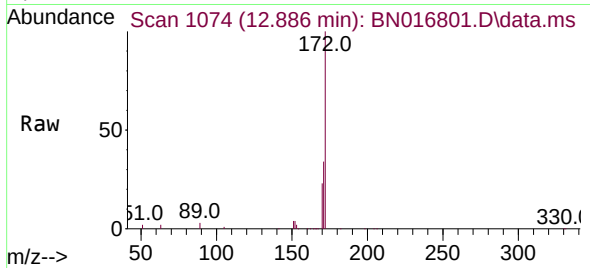




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

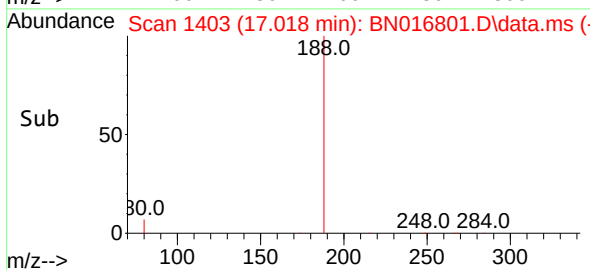
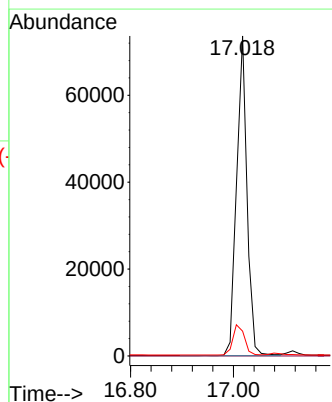
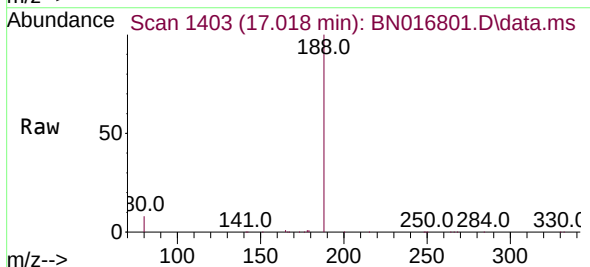
Instrument :
BNA_N
ClientSampled :

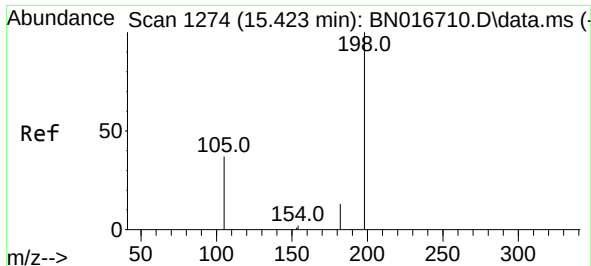
Tgt Ion:172 Resp: 58577
Ion Ratio Lower Upper
172 100
171 34.3 26.9 40.3
170 22.6 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

Tgt Ion:188 Resp: 103599
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 5.8 8.8

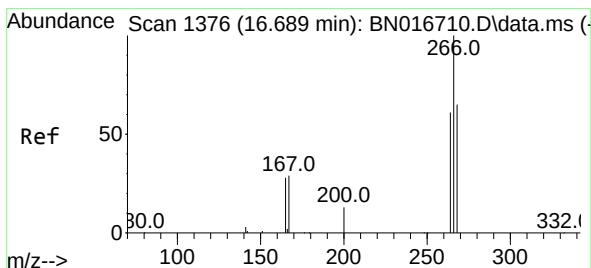
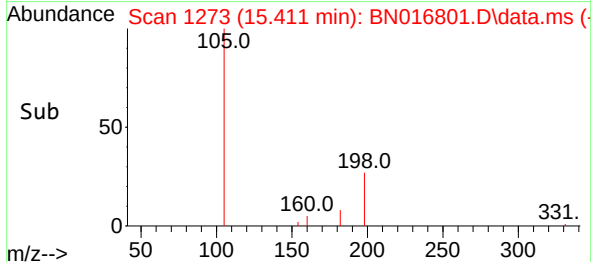
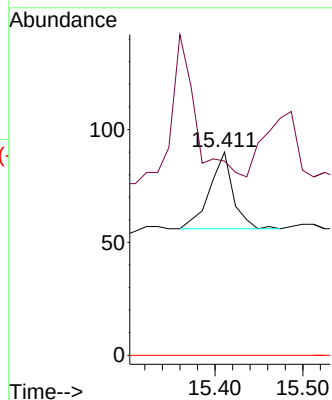
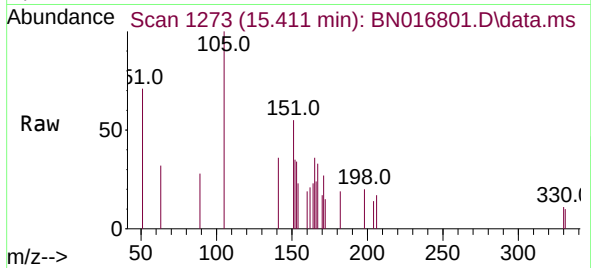




#20
4,6-Dinitro-2-methylphenol
Concen: 0.273 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

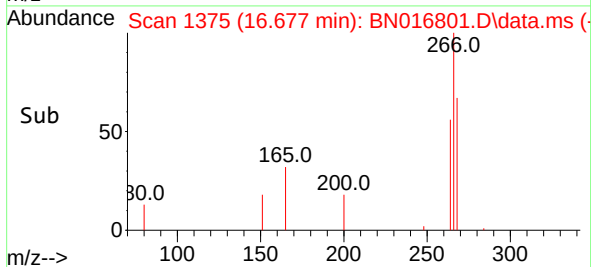
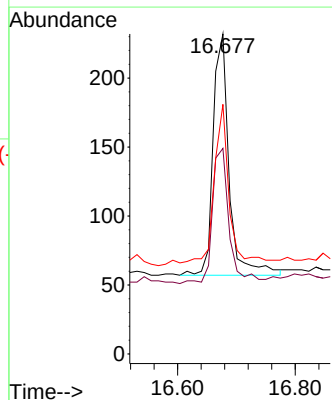
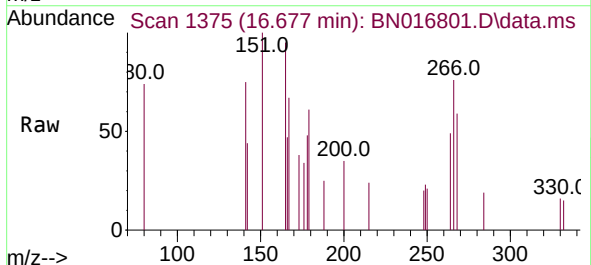
Instrument :
BNA_N
ClientSampled :

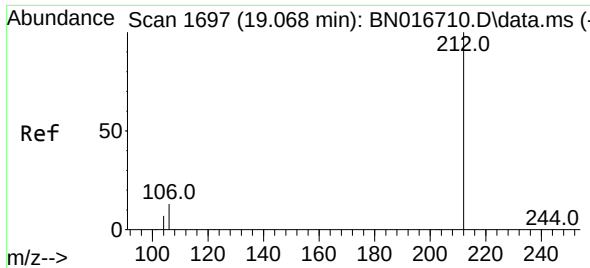
Tgt Ion:198 Resp: 63
Ion Ratio Lower Upper
198 100
182 95.6 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.348 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

Tgt Ion:266 Resp: 330
Ion Ratio Lower Upper
266 100
264 58.8 49.3 73.9
268 59.1 51.8 77.8

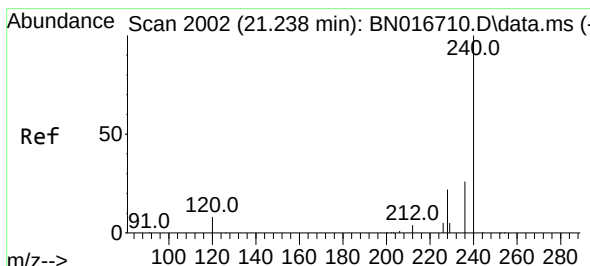
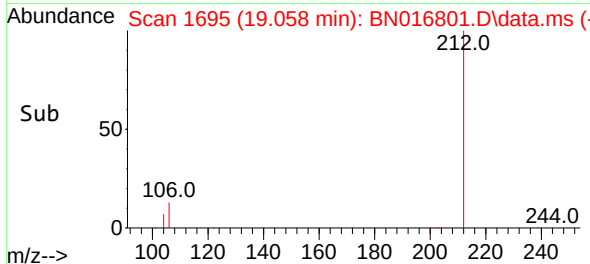
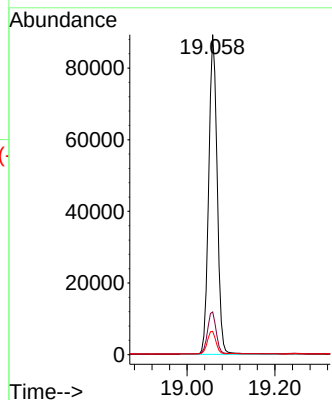
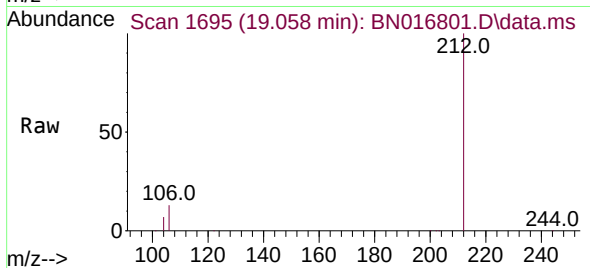




#27
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

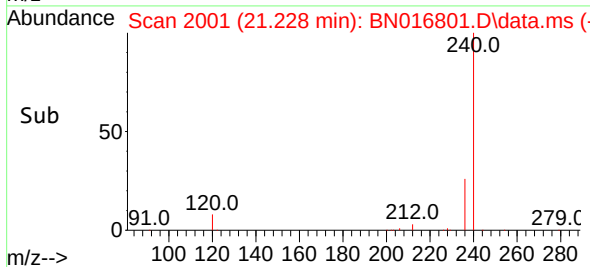
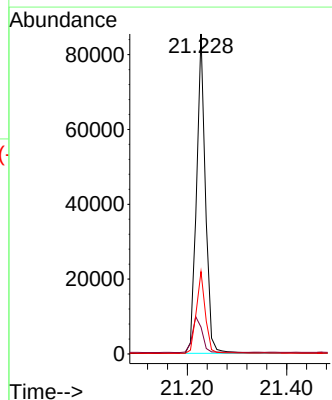
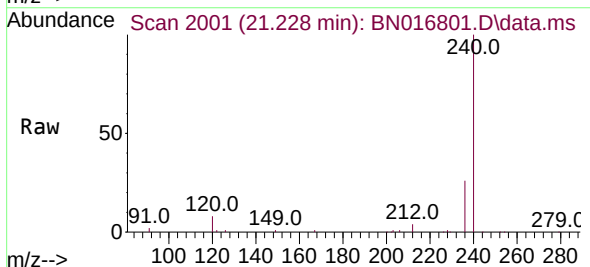
Instrument :
BNA_N
ClientSampleId :

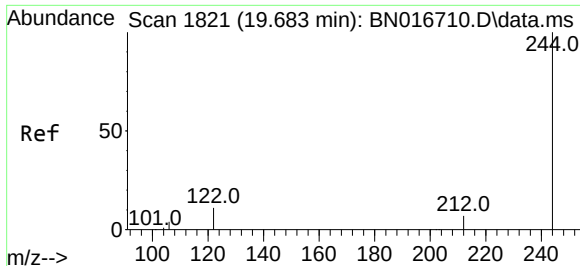
Tgt Ion:212 Resp: 119246
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016801.D
Acq: 07 Oct 2021 05:32

Tgt Ion:240 Resp: 106930
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 25.8 20.7 31.1

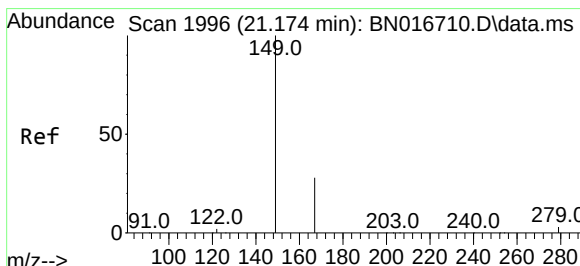
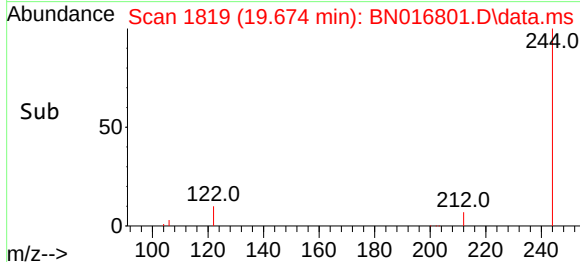
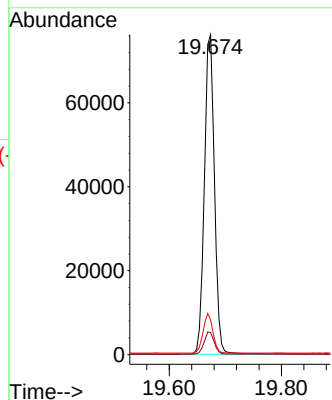
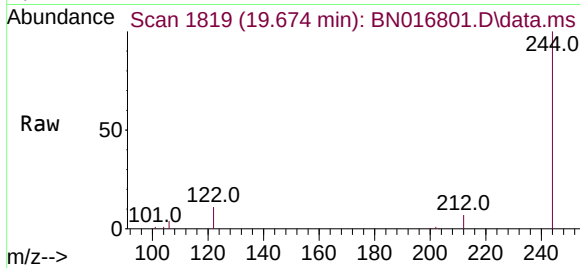




#31
 Terphenyl-d14
 Concen: 0.395 ng
 RT: 19.674 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: BN016801.D
 Acq: 07 Oct 2021 05:32

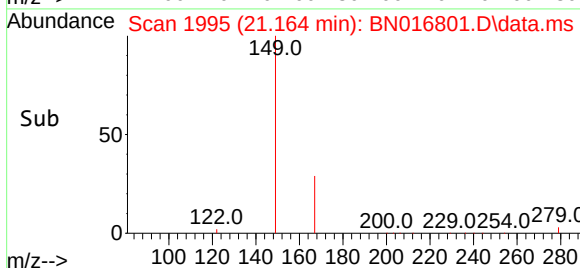
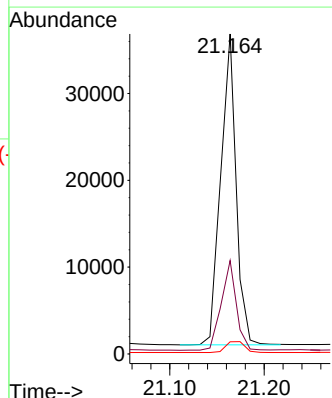
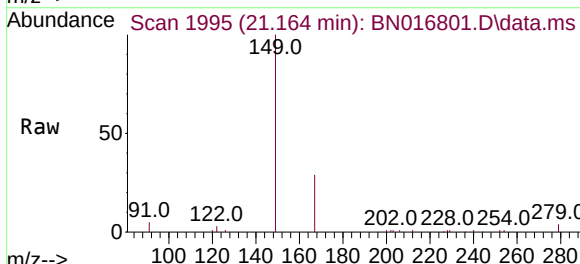
Instrument :
 BNA_N
 ClientSampleId :

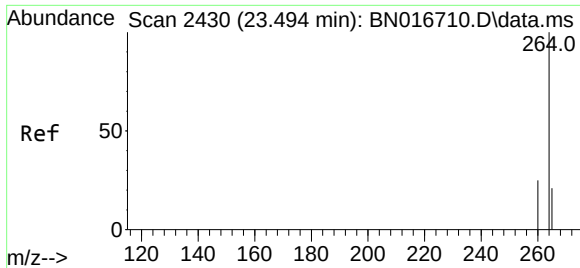
Tgt Ion:244	Resp:	94594
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.8 8.6
122	10.9	8.9 13.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.202 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: BN016801.D
 Acq: 07 Oct 2021 05:32

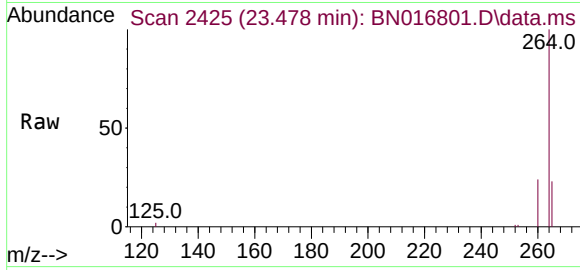
Tgt Ion:149	Resp:	40568
Ion Ratio	Lower	Upper
149	100	
167	28.1	22.2 33.4
279	4.4	3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.478 min Scan# 2425
 Delta R.T. -0.003 min
 Lab File: BN016801.D
 Acq: 07 Oct 2021 05:32

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 114031

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	23.2	20.3	30.5

