

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
 Data File : BN007088.D
 Acq On : 11 Aug 2019 15:51
 Operator : HP/JU
 Sample : PB121944BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 12 04:44:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9753	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	37116	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	20793	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	50595	0.40	ng	0.00
26) Chrysene-d12	21.05	240	47383	0.40	ng	-0.01
32) Perylene-d12	23.16	264	48020	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	7325	0.31	ng	0.00
4) Phenol-d6	6.61	99	9554	0.33	ng	0.00
7) Nitrobenzene-d5	8.56	82	7495	0.25	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	19008	0.27	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1601	0.14	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	6301	0.21	ng	0.00
24) Fluoranthene-d10	18.87	212	46908	0.26	ng	0.00
28) Terphenyl-d14	19.49	244	37819	0.29	ng	-0.01

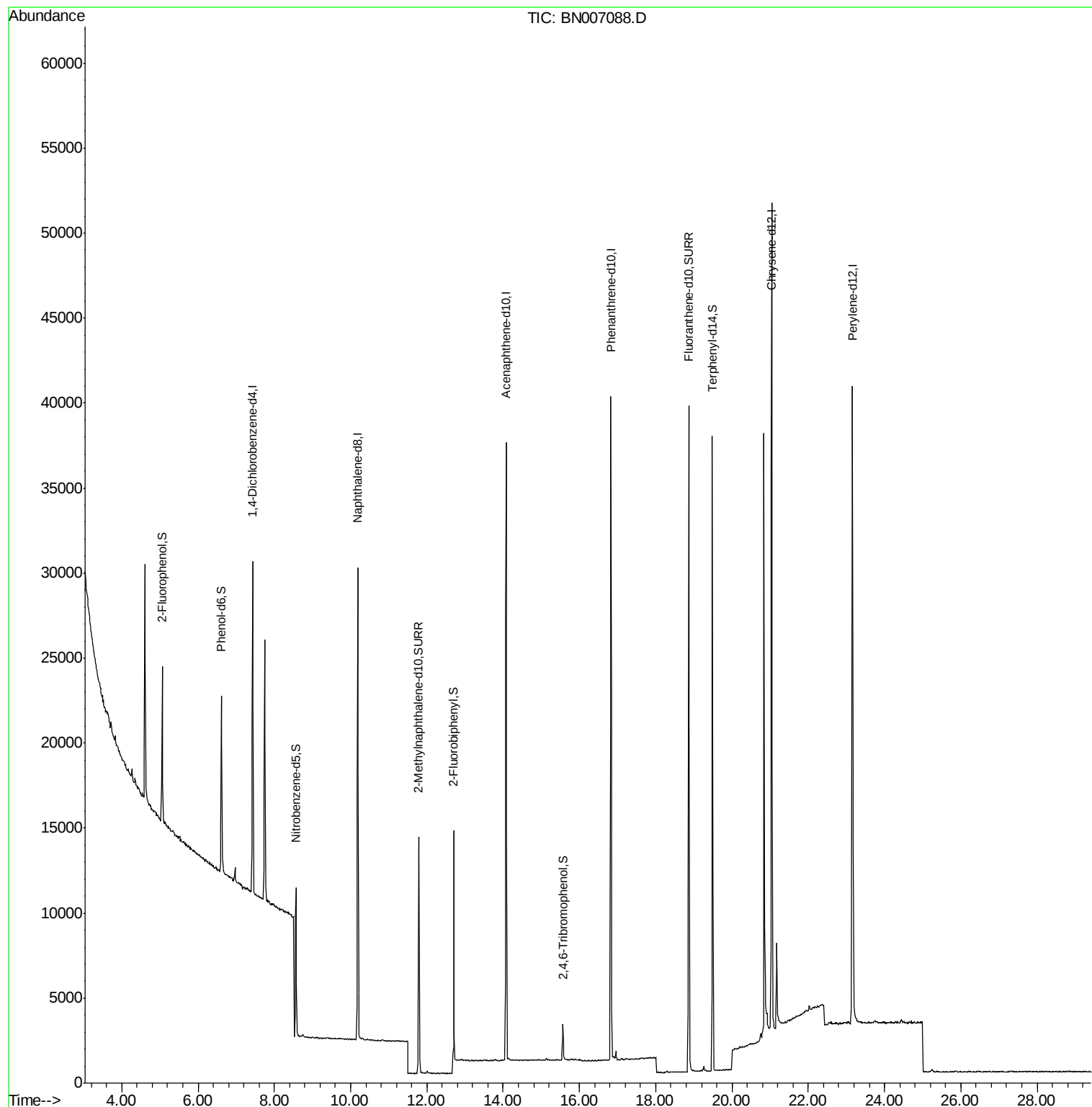
Target Compounds	Qvalue
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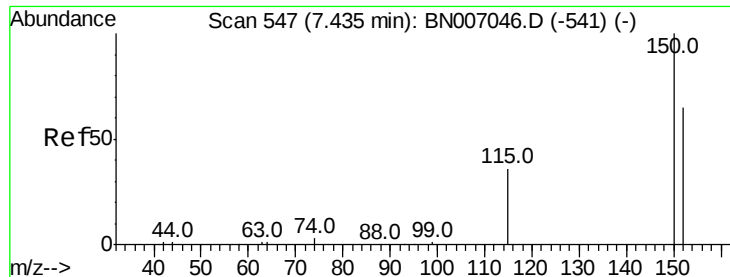
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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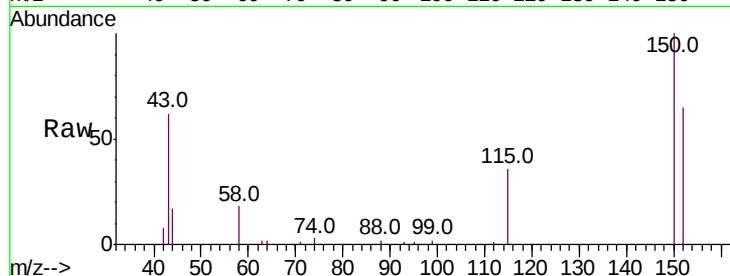


#1

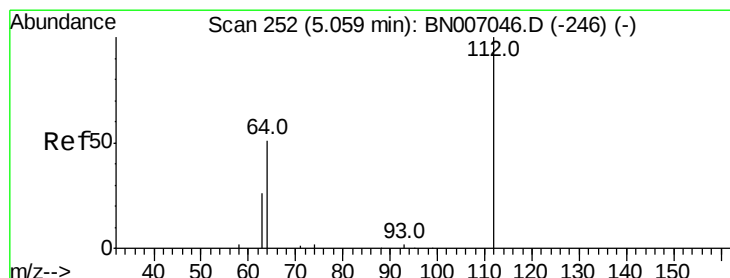
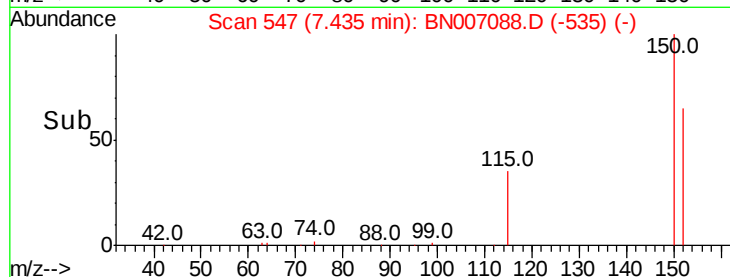
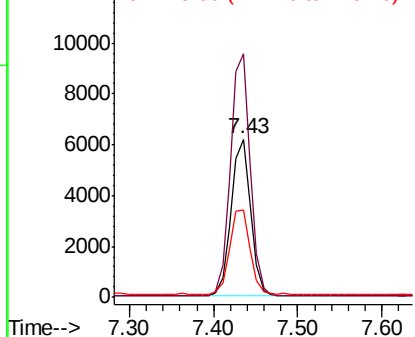
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007088.D
Acq: 11 Aug 2019 15:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9753
Ion Ratio Lower Upper
152 100
150 154.2 121.7 182.5
115 55.2 46.2 69.4



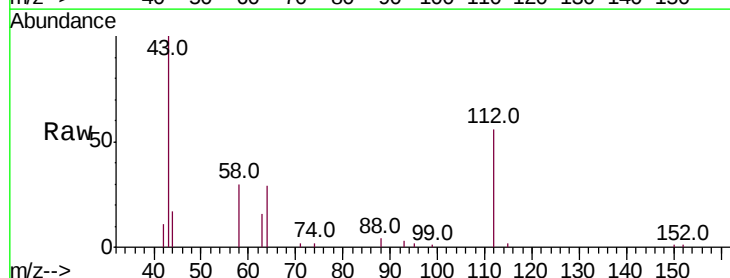
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



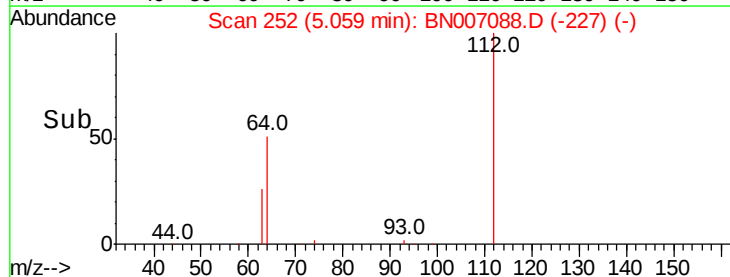
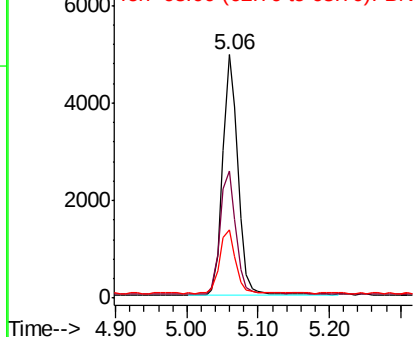
#3

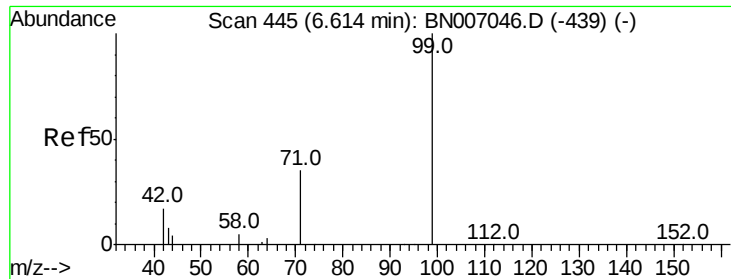
2-Fluorophenol
Concen: 0.313 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007088.D
Acq: 11 Aug 2019 15:51

Tgt Ion:112 Resp: 7325
Ion Ratio Lower Upper
112 100
64 52.4 42.6 63.8
63 28.2 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#4

Phenol-d6

Concen: 0.329 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007088.D

Acq: 11 Aug 2019 15:51

Instrument :

BNA_N

ClientSampleId :

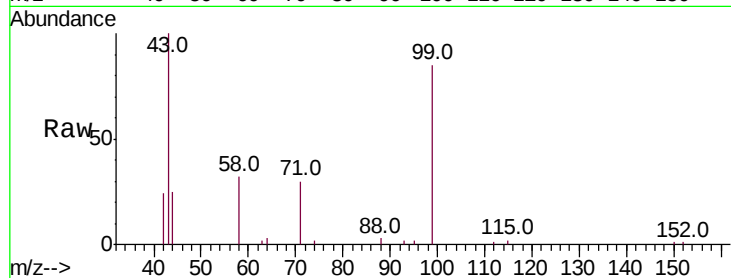
Tot Ion: 99 Resp: 9554

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

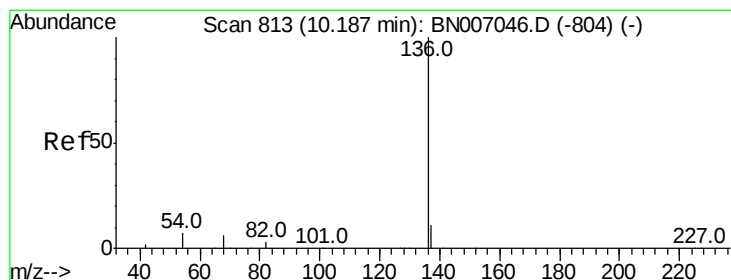
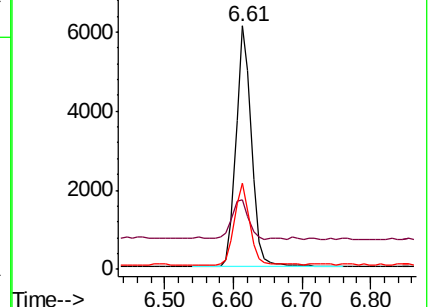
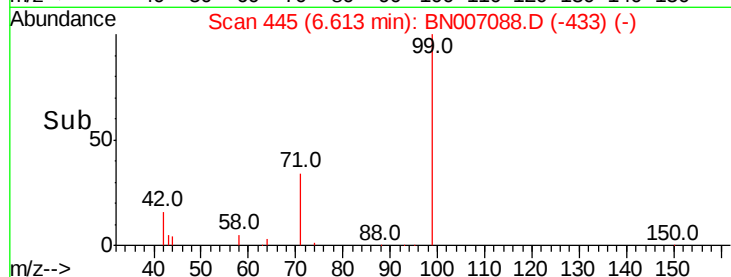
71 33.5 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007046.D (-439) (-)

Ion 42.00 (41.70 to 42.70): BN007046.D (-439) (-)

Ion 71.00 (70.70 to 71.70): BN007046.D (-439) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007088.D

Acq: 11 Aug 2019 15:51

Tgt Ion: 136 Resp: 37116

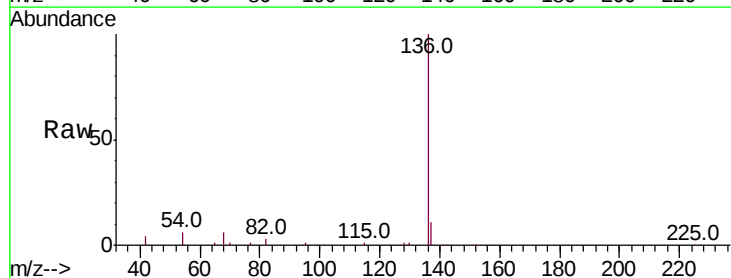
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 6.1 6.6 9.8#

68 5.6 6.0 9.0#

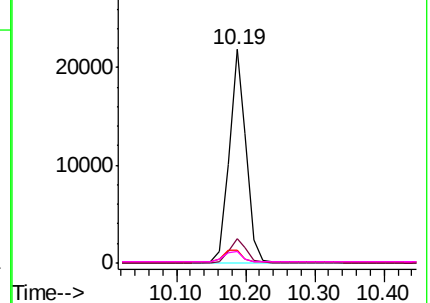
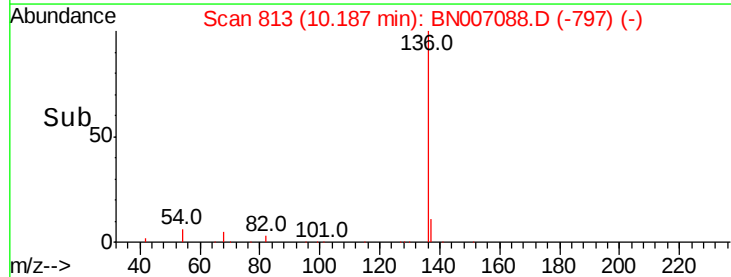


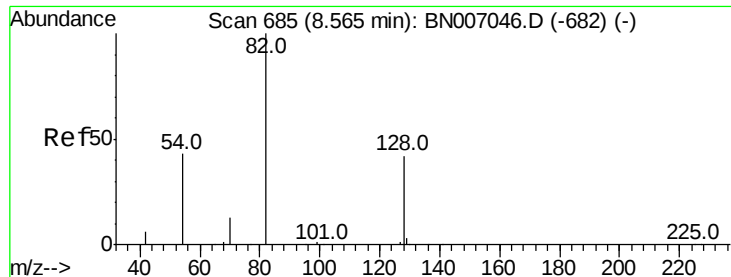
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

Ion 68.00 (67.70 to 68.70): BN007046.D (-804) (-)





#7

Nitrobenzene-d5

Concen: 0.250 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007088.D

Acq: 11 Aug 2019 15:51

Instrument :

BNA_N

ClientSampleId :

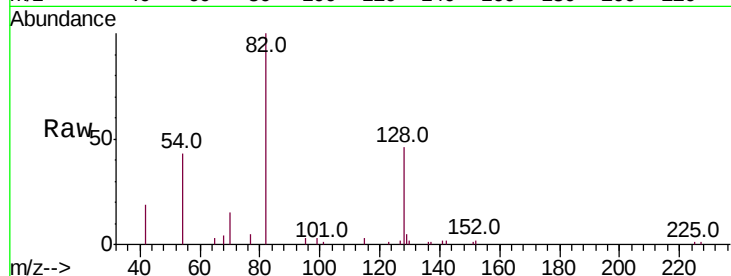
Tot Ion: 82 Resp: 7495

Ion Ratio Lower Upper

82 100

128 46.0 34.6 51.8

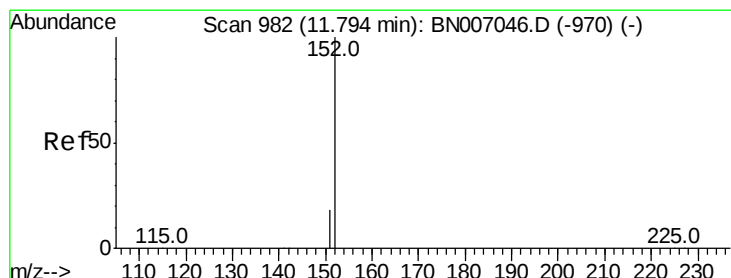
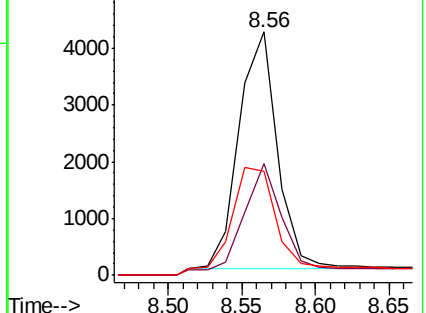
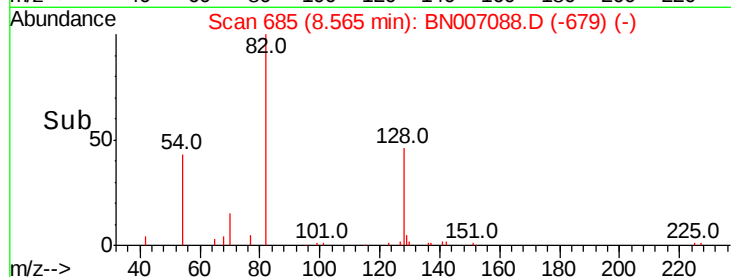
54 42.7 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

Ion 128.00 (127.70 to 128.70): BN007046.D (-682) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-682) (-)



#10

2-Methylnaphthalene-d10

Concen: 0.275 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007088.D

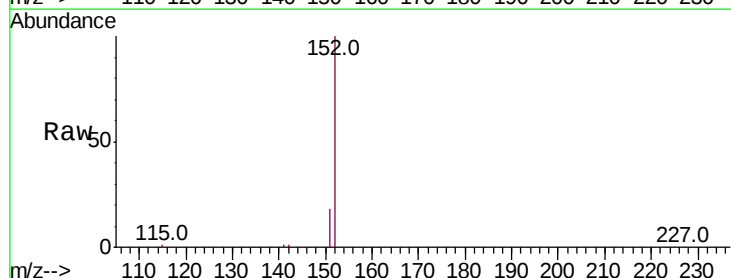
Acq: 11 Aug 2019 15:51

Tgt Ion: 152 Resp: 19008

Ion Ratio Lower Upper

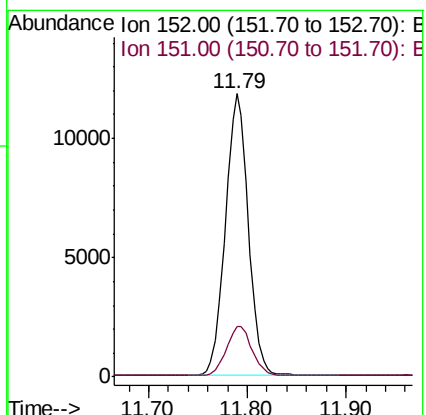
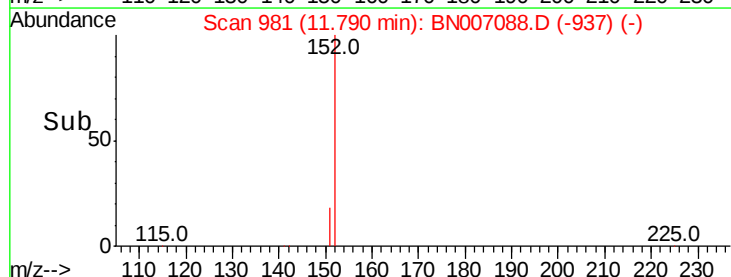
152 100

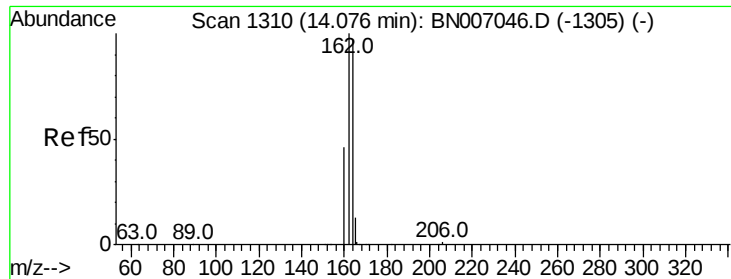
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BN007046.D (-970) (-)

Ion 151.00 (150.70 to 151.70): BN007046.D (-970) (-)





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007088.D

Acq: 11 Aug 2019 15:51

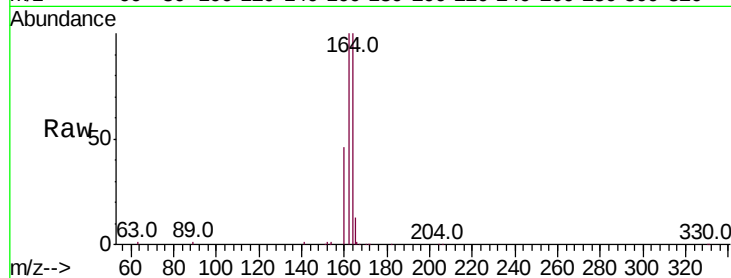
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 20793

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.4
160	46.5	38.3	57.5

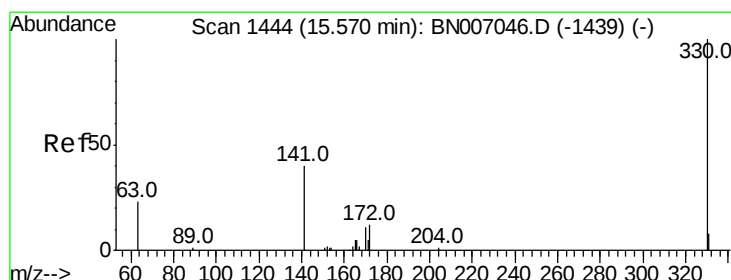
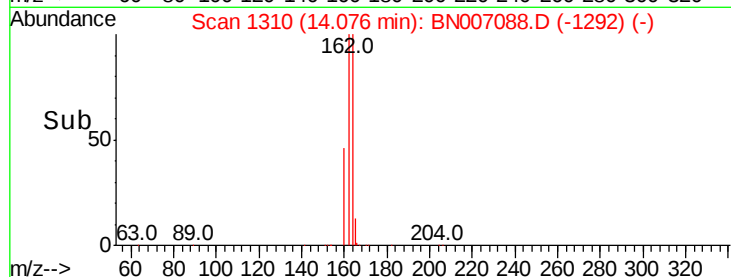
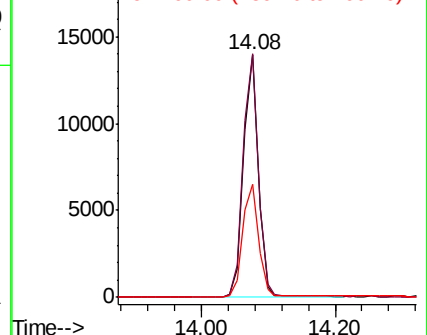


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#13

2,4,6-Tribromophenol

Concen: 0.143 ng

RT: 15.57 min Scan# 1444

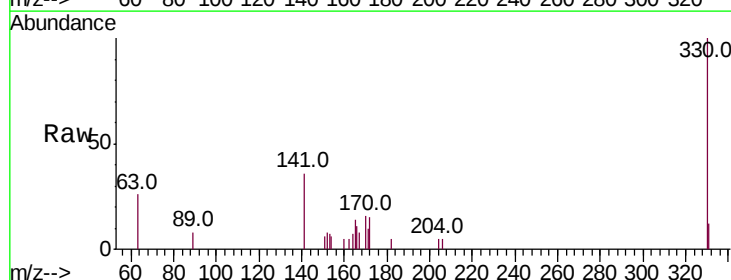
Delta R.T. -0.00 min

Lab File: BN007088.D

Acq: 11 Aug 2019 15:51

Tgt Ion:330 Resp: 1601

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.7	33.6	50.4

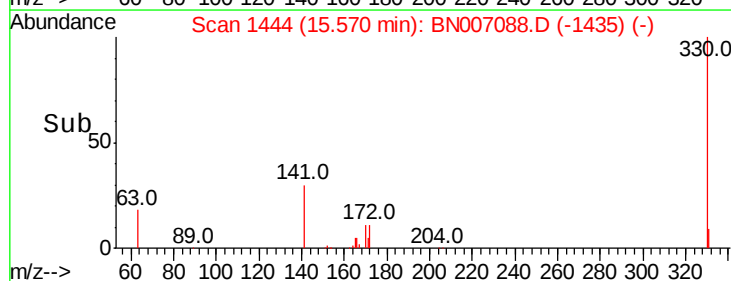
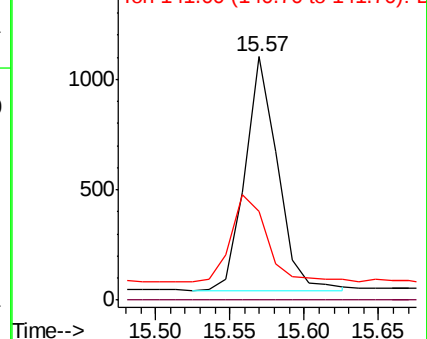


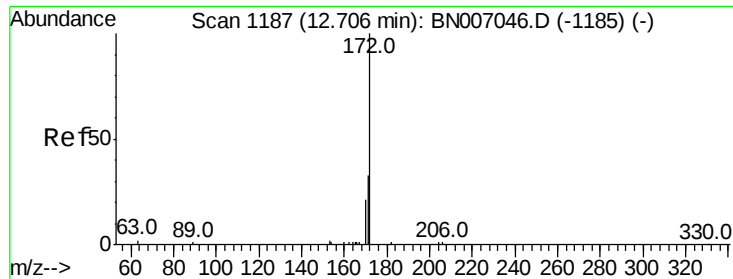
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



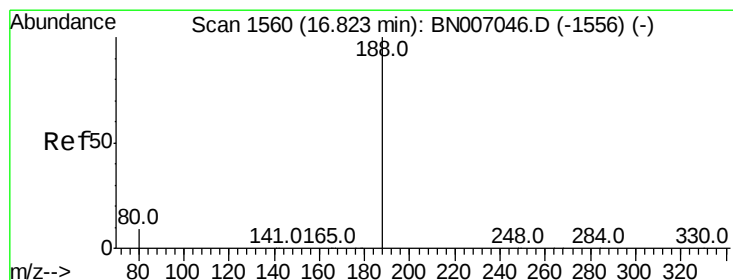
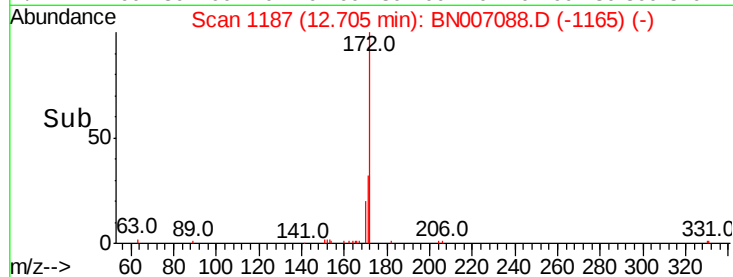
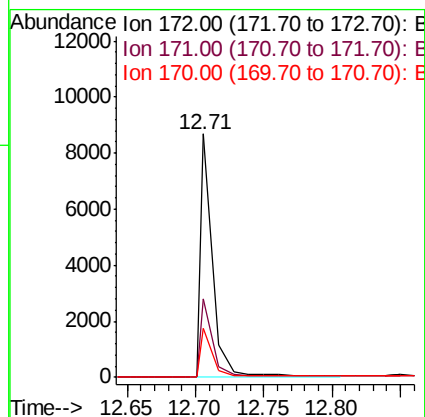
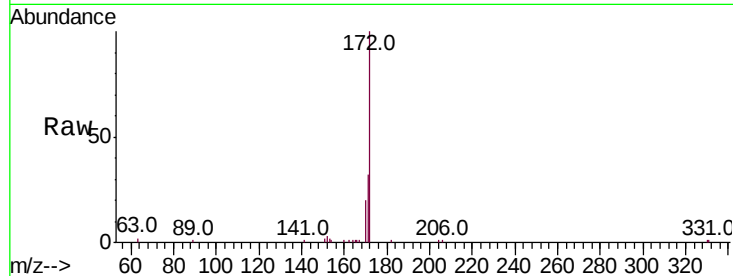


#14
 2-Fluorobiphenyl
 Concen: 0.208 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007088.D
 Acq: 11 Aug 2019 15:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 6301

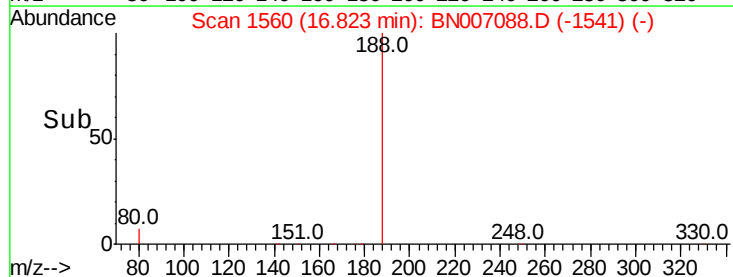
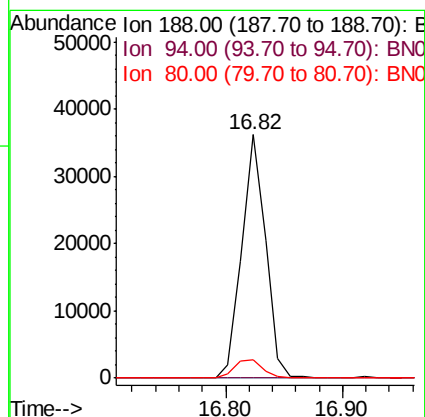
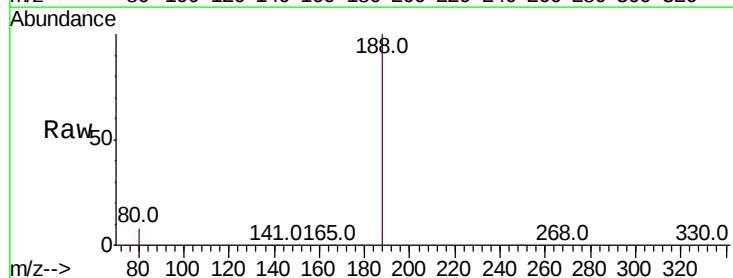
Ion	Ratio	Lower	Upper
172	100		
171	32.3	26.3	39.5
170	20.0	17.0	25.4

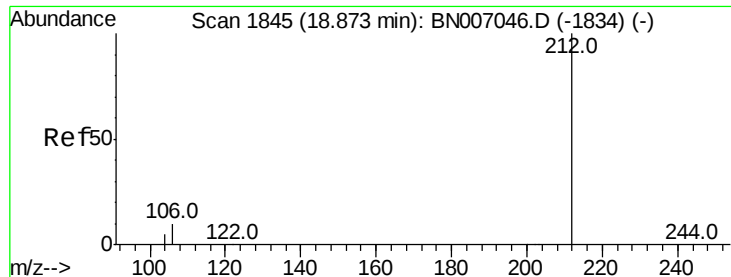


#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007088.D
 Acq: 11 Aug 2019 15:51

Tgt Ion:188 Resp: 50595

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	7.8	11.6





#24

Fluoranthene-d10

Concen: 0.261 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007088.D

Acq: 11 Aug 2019 15:51

Instrument :

BNA_N

ClientSampleId :

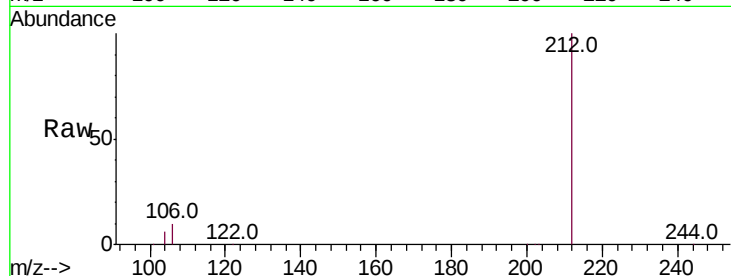
Tot Ion:212 Resp: 46908

Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

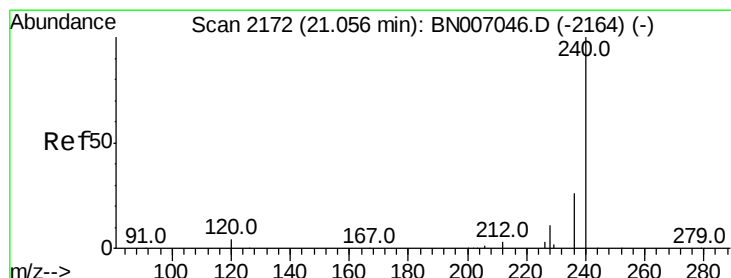
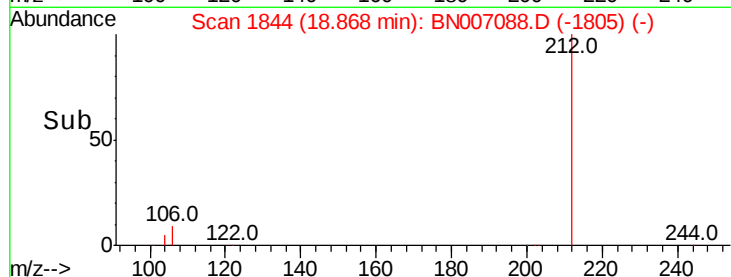
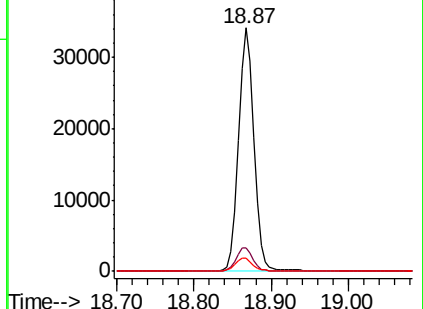
104 5.6 4.5 6.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007088.D

Acq: 11 Aug 2019 15:51

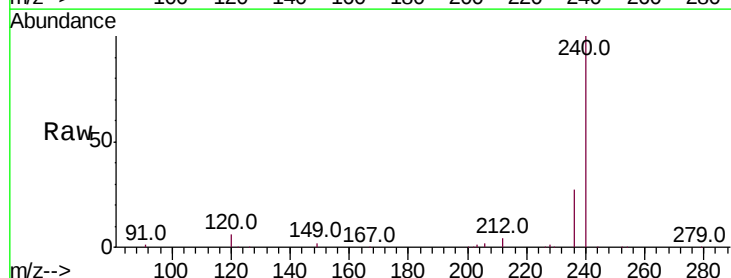
Tgt Ion:240 Resp: 47383

Ion Ratio Lower Upper

240 100

120 6.0 4.0 6.0#

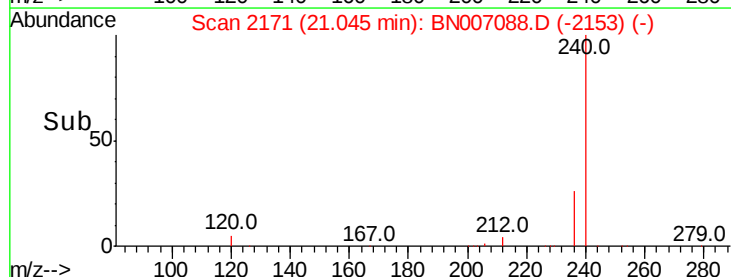
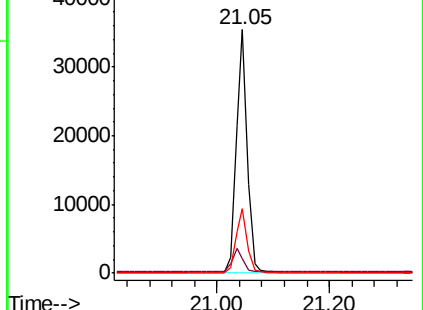
236 26.6 21.3 31.9

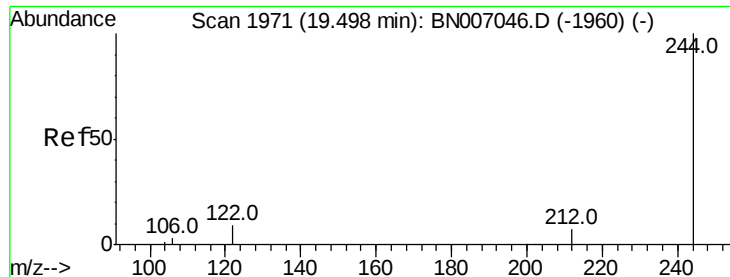


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.293 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007088.D

Acq: 11 Aug 2019 15:51

Instrument :

BNA_N

ClientSampleId :

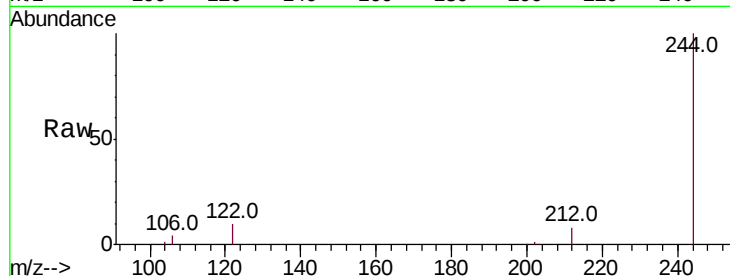
Tot Ion:244 Resp: 37819

Ion Ratio Lower Upper

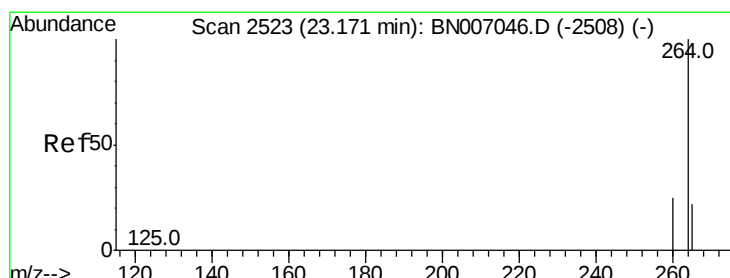
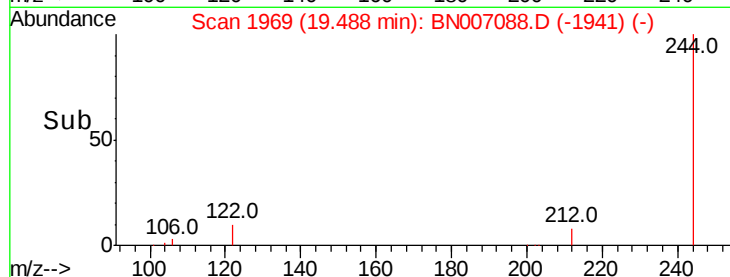
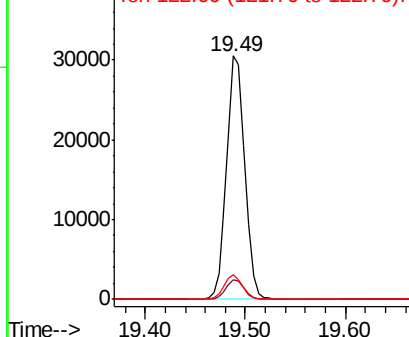
244 100

212 7.9 6.2 9.2

122 10.3 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.16 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN007088.D

Acq: 11 Aug 2019 15:51

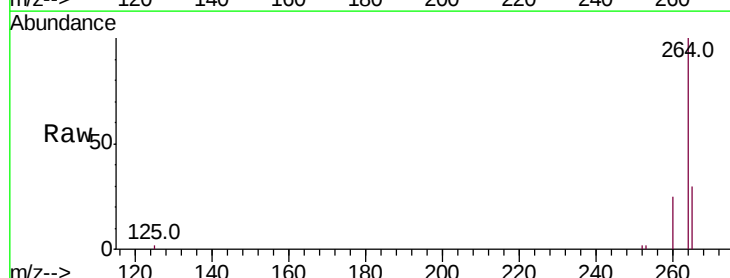
Tgt Ion:264 Resp: 48020

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 29.7 26.2 39.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

