

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
 Data File : BN007232.D
 Acq On : 16 Aug 2019 20:37
 Operator : HP/JU
 Sample : K4336-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Manual Integrations
 APPROVED

Quant Time: Aug 17 02:16:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	7306	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	27581	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	16515	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	39232	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	39080	0.40	ng	-0.02
32) Perylene-d12	23.15	264	40997	0.40	ng	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.05	112	3486	0.20	ng	0.00
4) Phenol-d6	6.61	99	2711	0.12	ng	0.00
7) Nitrobenzene-d5	8.55	82	8284	0.37	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	17825	0.35	ng	-0.01
13) 2,4,6-Tribromophenol	15.56	330	3306	0.37	ng	-0.01
14) 2-Fluorobiphenyl	12.71	172	1331	0.06	ng	0.00
24) Fluoranthene-d10	18.86	212	46815	0.34	ng	-0.02
28) Terphenyl-d14	19.48	244	40443	0.38	ng	-0.02
Target Compounds						
15) Acenaphthylene	13.78	152	3815	0.044	ng	Qvalue 100

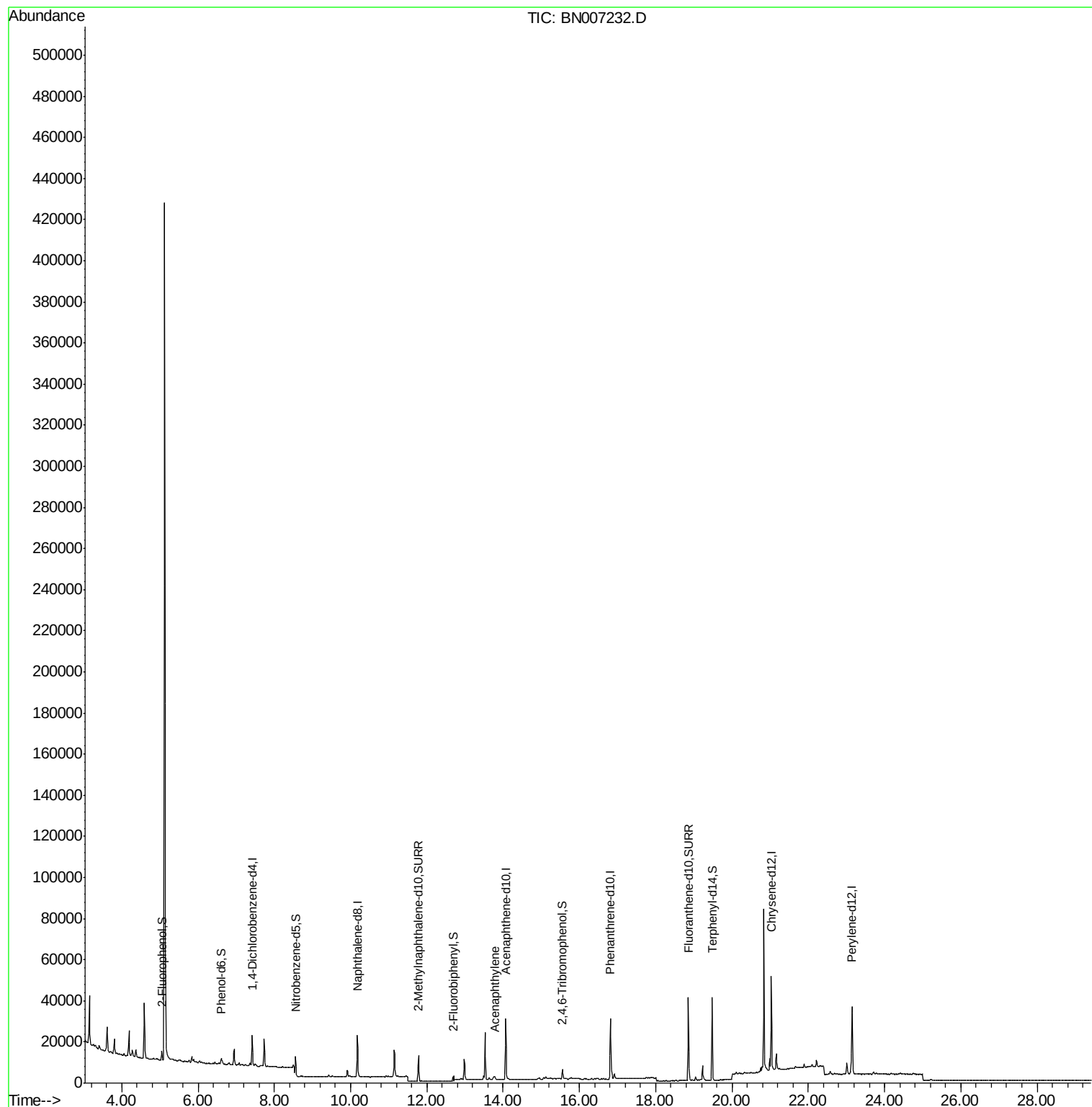
(#) = qualifier out of range (m) = manual integration (+) = signals summed

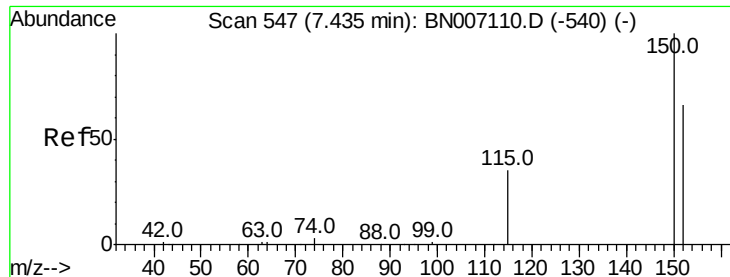
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007232.D
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Instrument :
BNA_N
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Quant Time: Aug 17 02:16:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Manual Integrations
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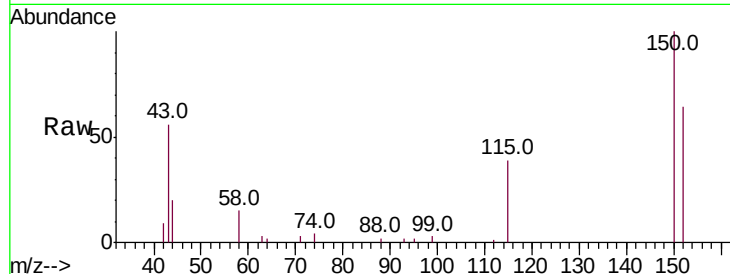
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007232.D
Acq: 16 Aug 2019 20:37

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.7	182.5
115	60.1	46.2	69.4

Manual Integrations
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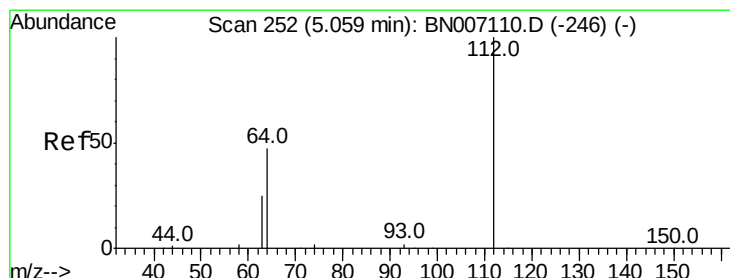
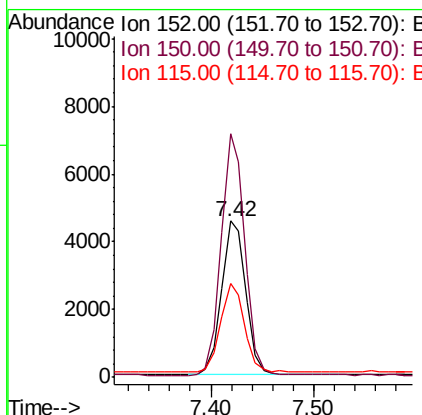
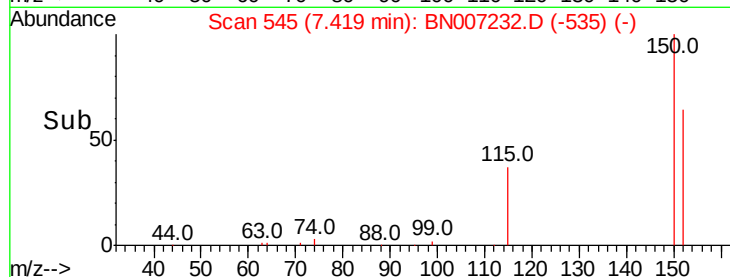


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

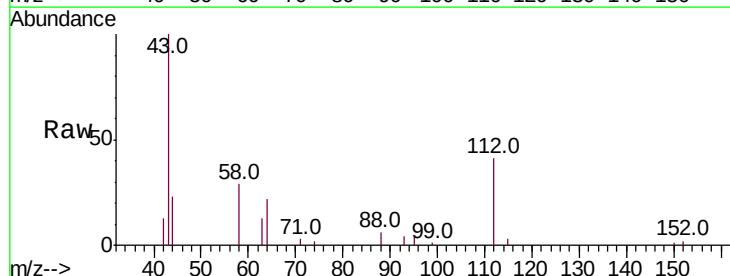
Ion 115.00 (114.70 to 115.70): E



#3

2-Fluorophenol
Concen: 0.199 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007232.D
Acq: 16 Aug 2019 20:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	42.6	63.8
63	27.6	22.2	33.2

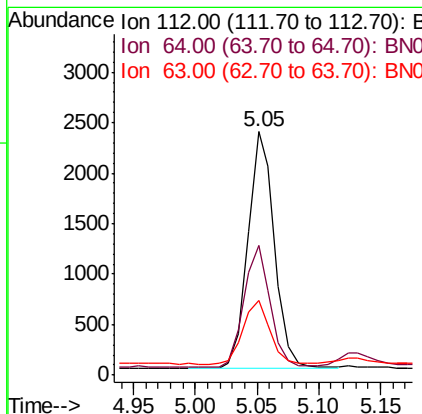
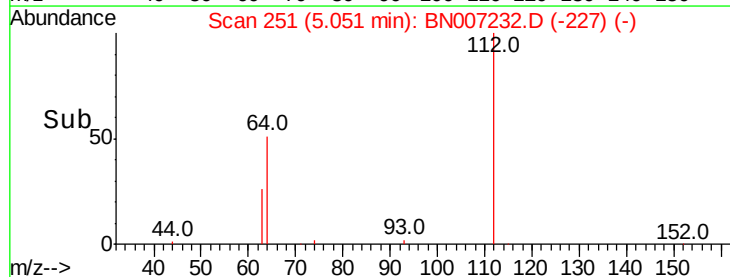


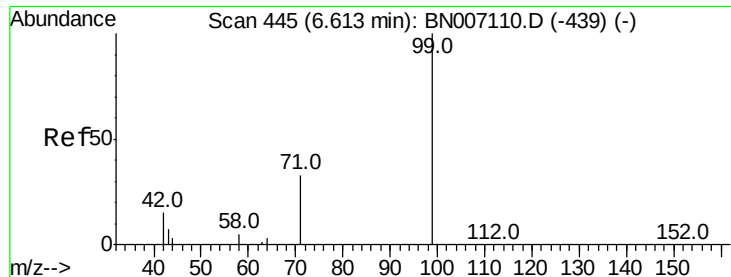
Abundance

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: 0.125 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007232.D

Acq: 16 Aug 2019 20:37

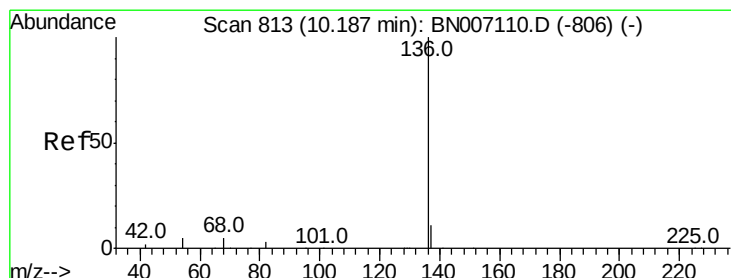
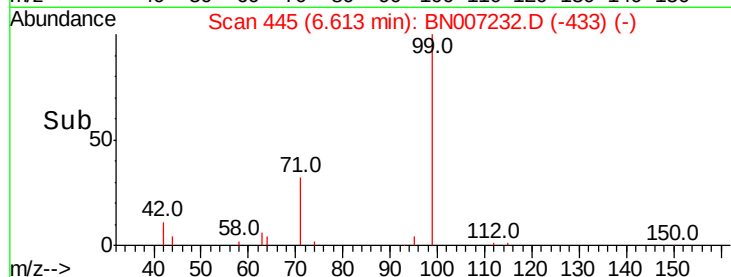
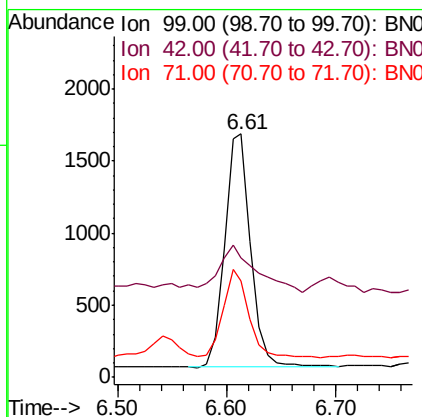
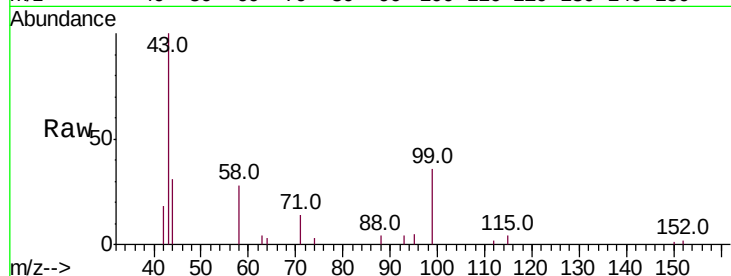
Instrument :

BNA_N

ClientSampled :

Tot Ion:	99	Resp:	2711
Ion	Ratio	Lower	Upper
99	100		
42	27.3	15.8	23.6#
71	38.2	27.0	40.4

Manual Integrations
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#6

Naphthalene-d8

Concen: 0.400 ng

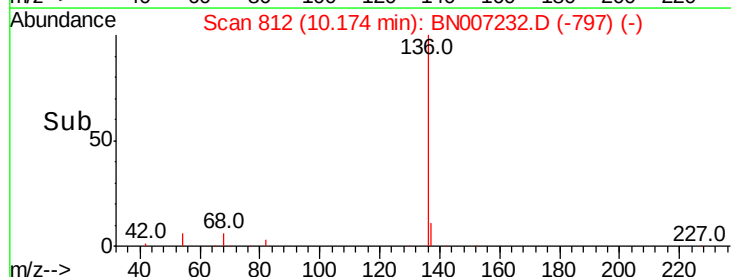
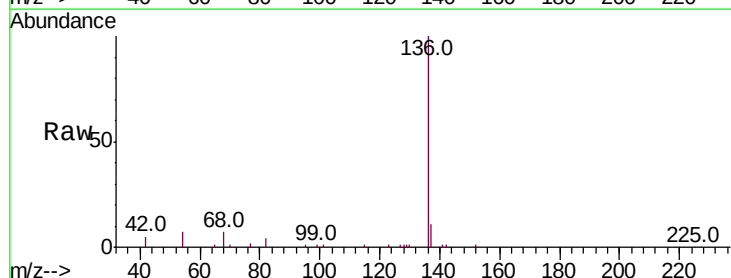
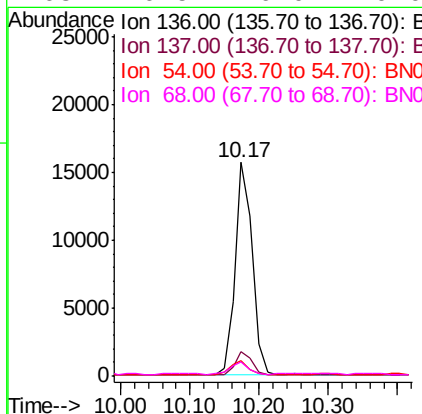
RT: 10.17 min Scan# 812

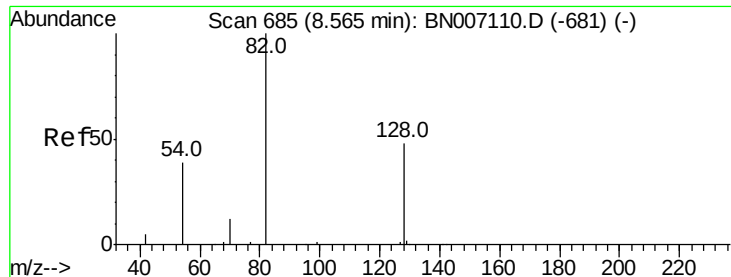
Delta R.T. -0.01 min

Lab File: BN007232.D

Acq: 16 Aug 2019 20:37

Tgt Ion:	136	Resp:	27581
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	7.0	6.6	9.8
68	6.5	6.0	9.0





#7

Nitrobenzene-d5

Concen: 0.372 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007232.D

Acq: 16 Aug 2019 20:37

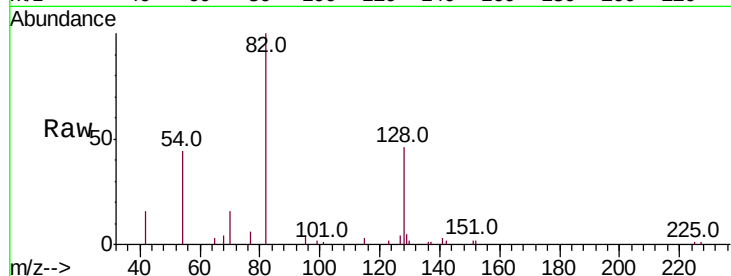
Instrument :

BNA_N

ClientSampleId :

Tot Ion:	82	Resp:	8284
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.6	51.8
54	44.0	36.2	54.4

Manual Integrations
APPROVED



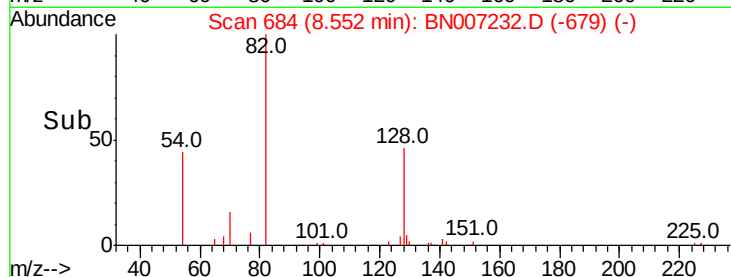
Abundance Ion 82.00 (81.70 to 82.70): BN007232.D (-679) (-)

Ion 128.00 (127.70 to 128.70): BN007232.D (-679) (-)

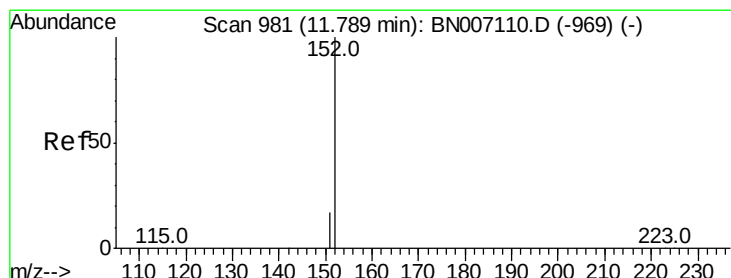
Ion 54.00 (53.70 to 54.70): BN007232.D (-679) (-)

8.55

Time-->



Time-->



#10

2-Methylnaphthalene-d10

Concen: 0.347 ng

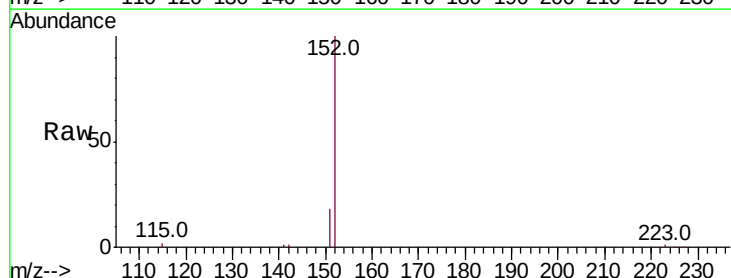
RT: 11.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BN007232.D

Acq: 16 Aug 2019 20:37

Tgt Ion:	152	Resp:	17825
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3

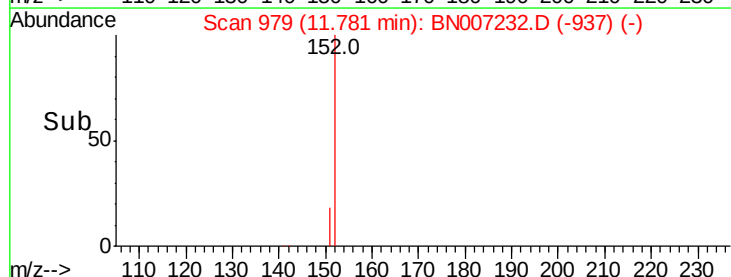


Abundance Ion 152.00 (151.70 to 152.70): BN007232.D (-937) (-)

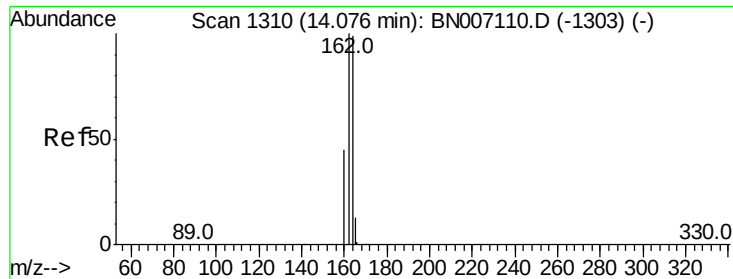
Ion 151.00 (150.70 to 151.70): BN007232.D (-937) (-)

11.78

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007232.D

Acq: 16 Aug 2019 20:37

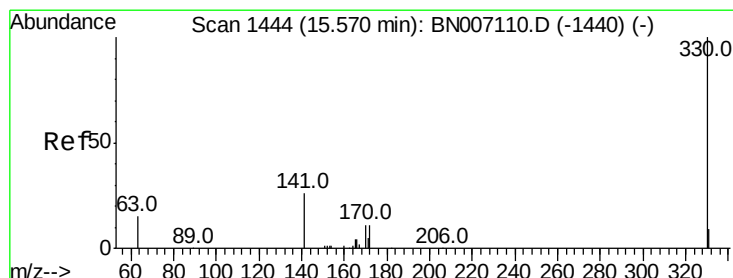
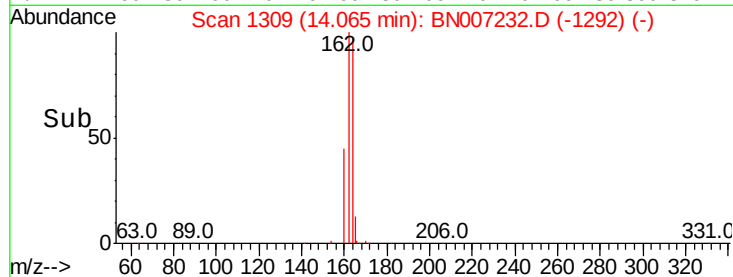
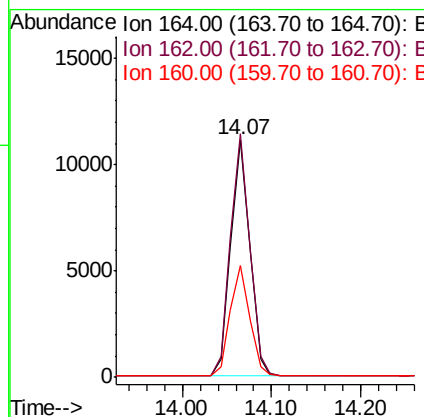
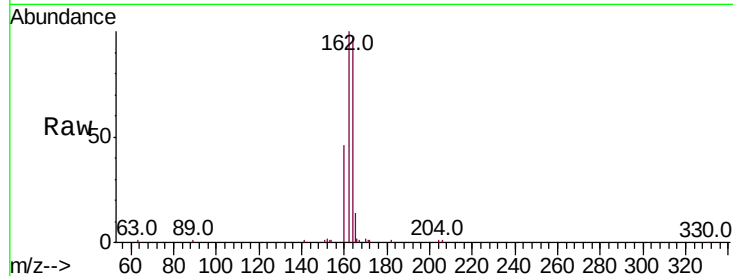
Instrument :

BNA_N

ClientSampleId :

Tot Ion:	164	Resp:	16515
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.2	123.4
160	46.9	38.3	57.5

Manual Integrations
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#13

2,4,6-Tribromophenol

Concen: 0.372 ng

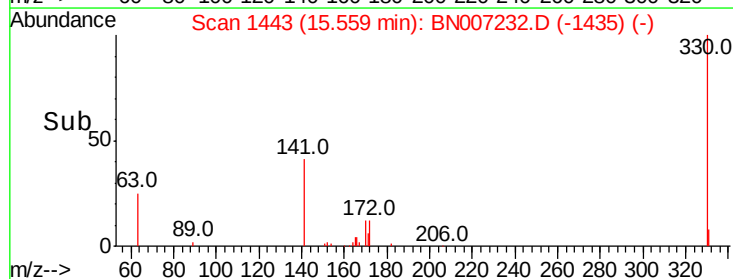
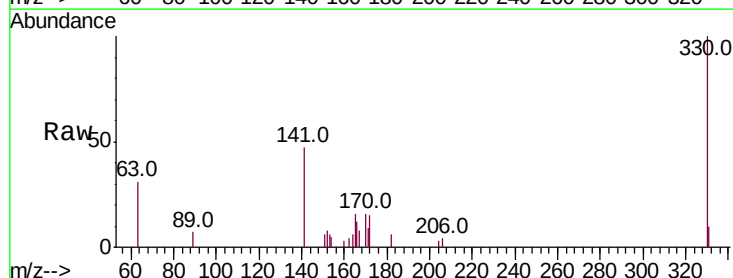
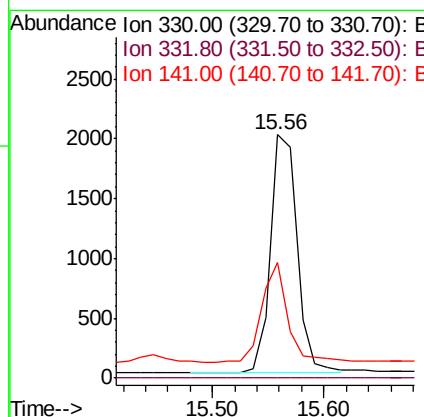
RT: 15.56 min Scan# 1443

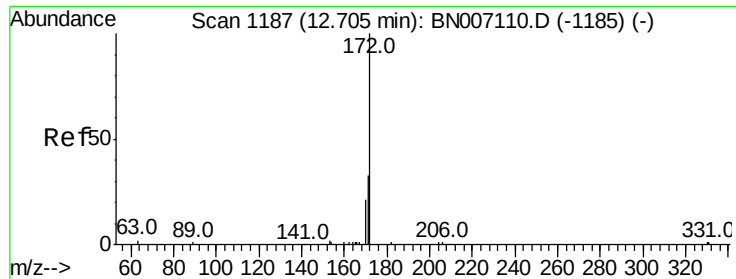
Delta R.T. -0.01 min

Lab File: BN007232.D

Acq: 16 Aug 2019 20:37

Tgt Ion:	330	Resp:	3306
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	40.2	33.6	50.4



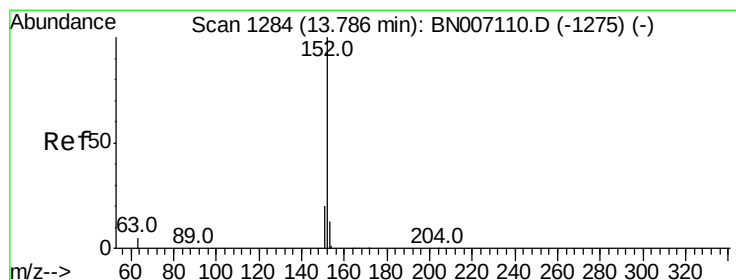
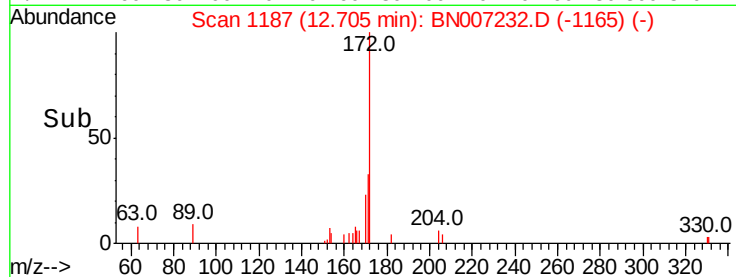
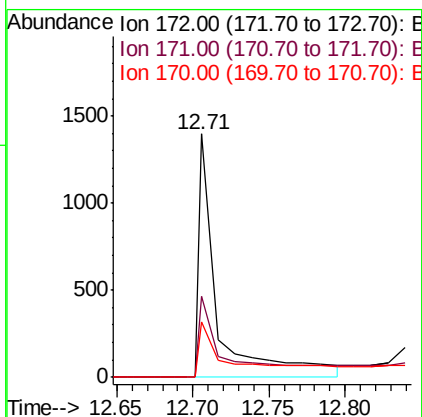
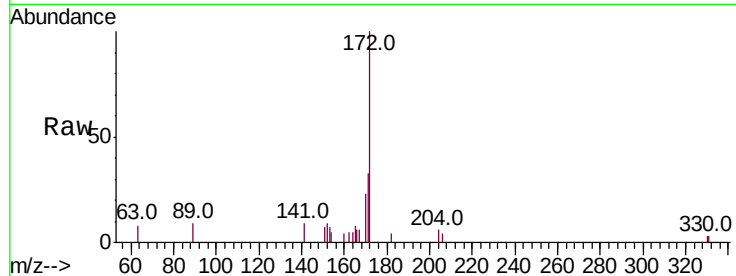


#14
2-Fluorobiphenyl
Concen: 0.055 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007232.D
Acq: 16 Aug 2019 20:37

Instrument :
BNA_N
ClientSampleId :

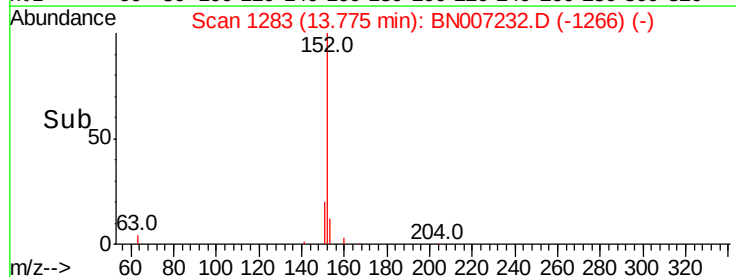
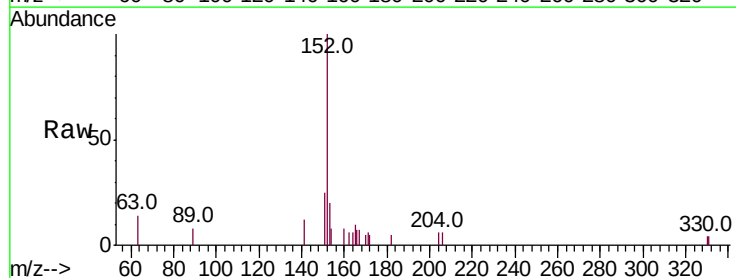
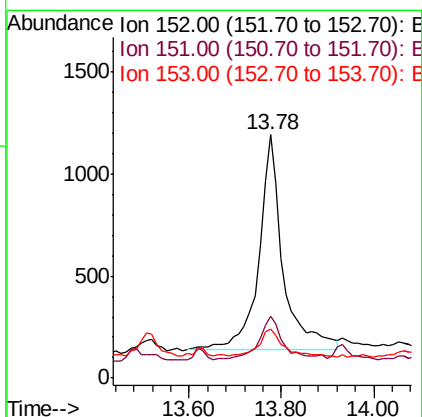
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.3	39.5
170	22.5	17.0	25.4

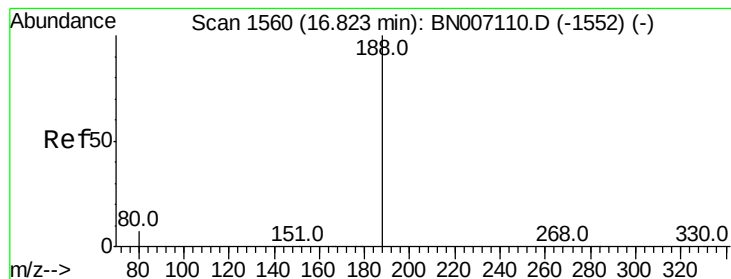
Manual Integrations
APPROVED



#15
Acenaphthylene
Concen: 0.044 ng
RT: 13.78 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN007232.D
Acq: 16 Aug 2019 20:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.4	15.6





#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.81 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007232.D

Acq: 16 Aug 2019 20:37

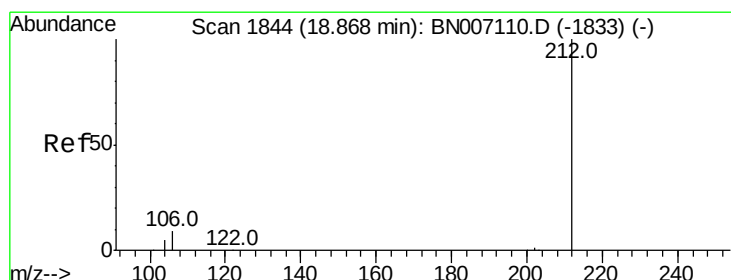
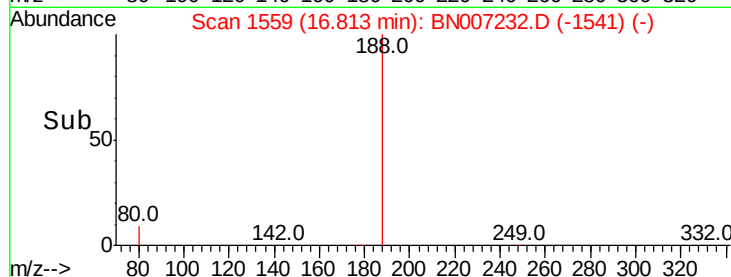
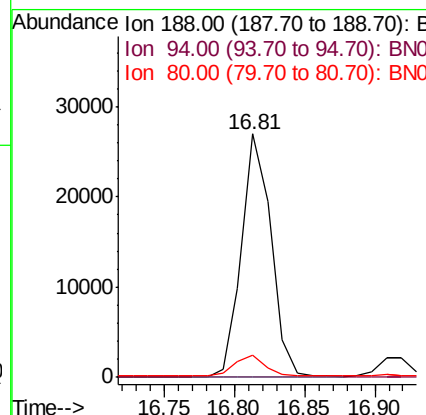
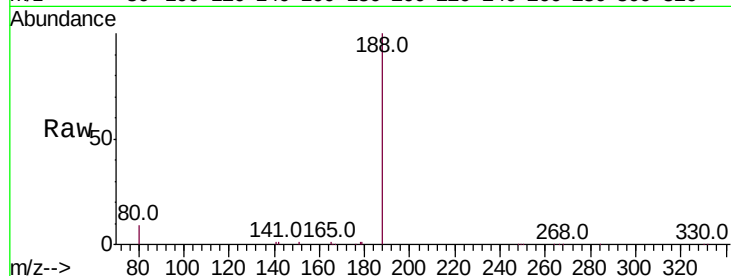
Instrument :

BNA_N

ClientSampleId :

Tot Ion:	188	Resp:	39232
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.3	7.8	11.6

Manual Integrations
APPROVED



#24

Fluoranthene-d10

Concen: 0.336 ng

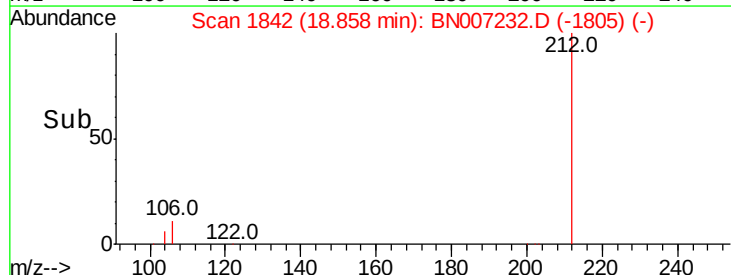
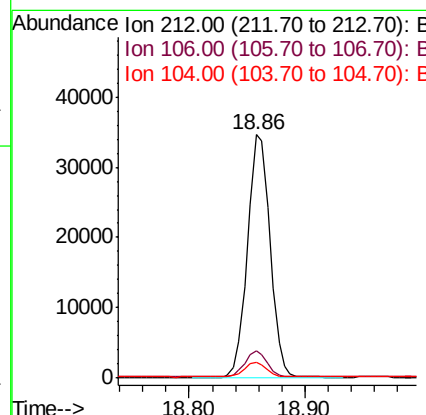
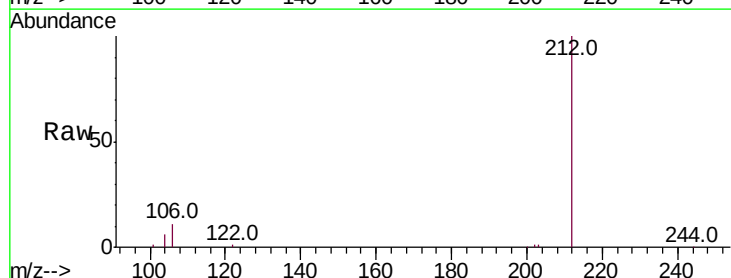
RT: 18.86 min Scan# 1842

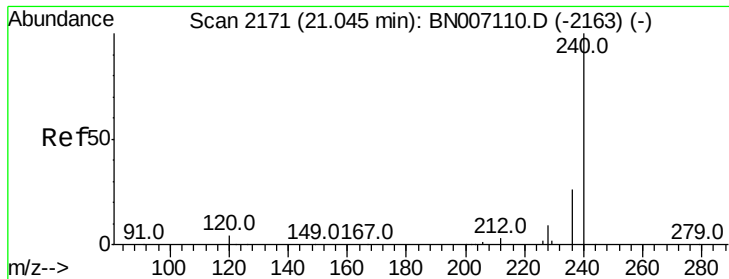
Delta R.T. -0.02 min

Lab File: BN007232.D

Acq: 16 Aug 2019 20:37

Tgt Ion:	212	Resp:	46815
Ion Ratio	Lower	Upper	
212	100		
106	10.5	8.2	12.2
104	5.9	4.5	6.7



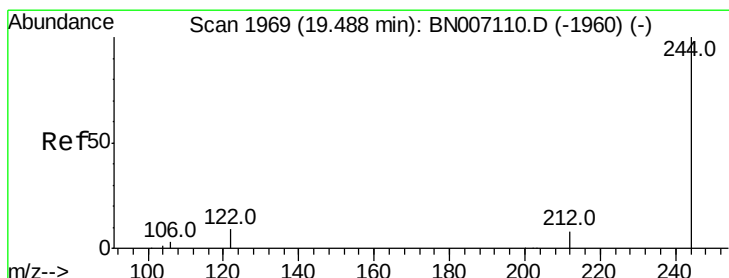
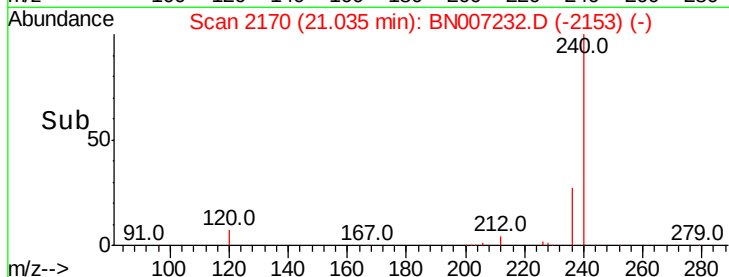
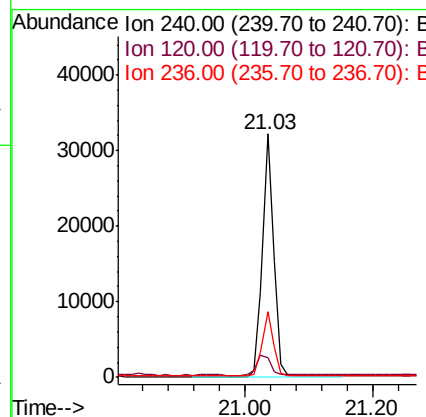
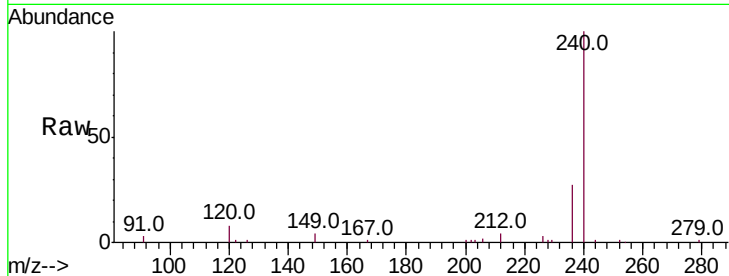


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007232.D
Acq: 16 Aug 2019 20:37

Instrument :
BNA_N
ClientSampleId :

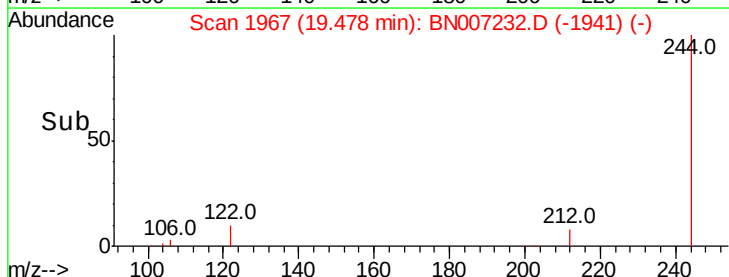
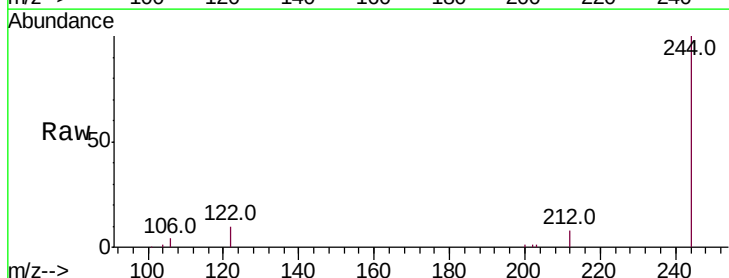
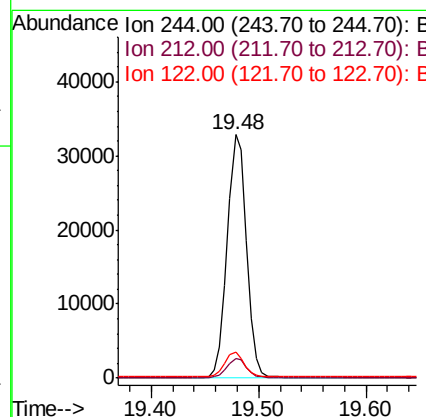
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	4.0	6.0#
236	27.0	21.3	31.9

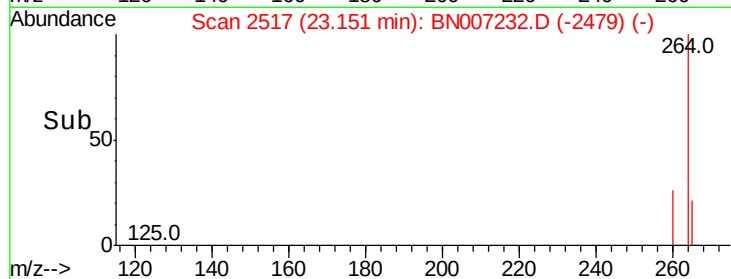
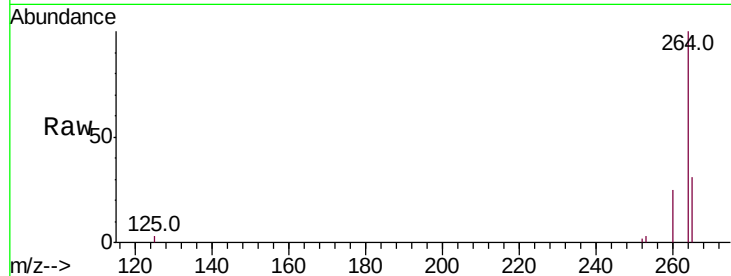
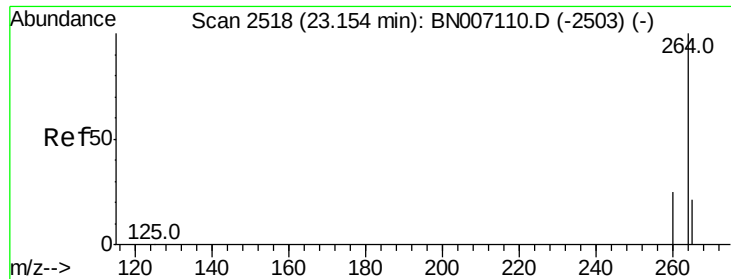
Manual Integrations
APPROVED



#28
Terphenyl-d14
Concen: 0.380 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BN007232.D
Acq: 16 Aug 2019 20:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	10.4	7.4	11.2





#32
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2517
 Delta R.T. -0.02 min
 Lab File: BN007232.D
 Acq: 16 Aug 2019 20:37

Tot Ion:	264	Resp:	40997
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.8	29.8
265	31.2	26.2	39.4

Instrument :
 BNA_N
 ClientSampleId :

Manual Integrations
 APPROVED

