Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007292.D
Acq On : 21 Aug 2019 13:51
Operator : HP/JU
Sample : PB122391BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 21 15:31:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5441	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	20102	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	11238	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	26983	0.40	ng	0.00
27) Chrysene-d12	21.03	240	30142	0.40	ng	0.00
34) Perylene-d12	23.14	264	31233	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	5333	0.32	ng	0.00
5) Phenol-d6	6.60	99	6839	0.36	ng	0.00
8) Nitrobenzene-d5	8.54	82	5073	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	11710	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1426	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	15174	0.31	ng	0.00
25) Fluoranthene-d10	18.85	212	29885	0.35	ng	0.00
29) Terphenyl-d14	19.48	244	22816	0.30	ng	0.00
Target Compounds						Qvalue
30) Benzo(a)anthracene	21.09	228	7212	0.064	ng	# 1
31) Chrysene	21.09	228	6035	0.053	ng	# 1

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

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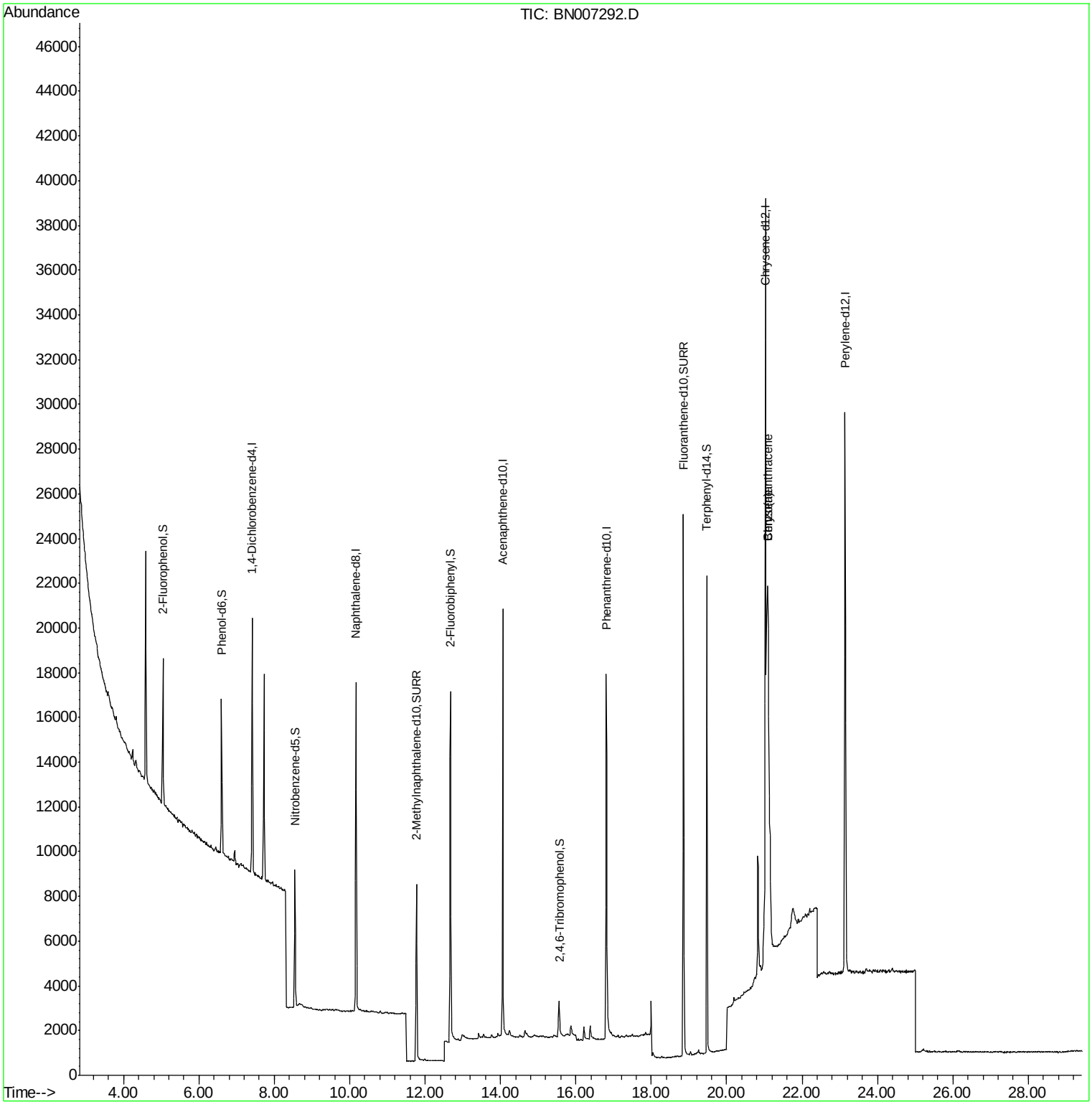
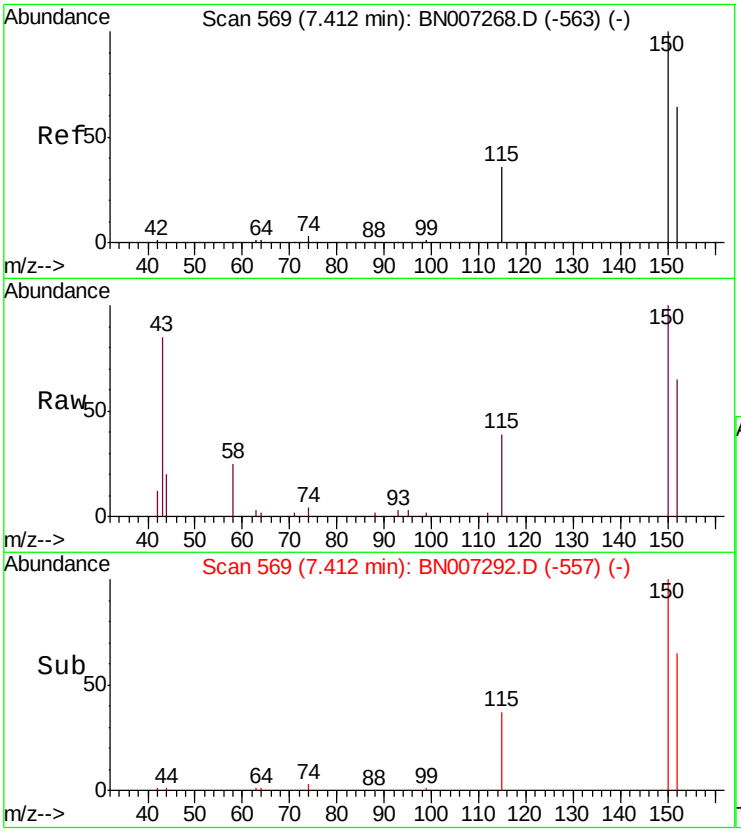


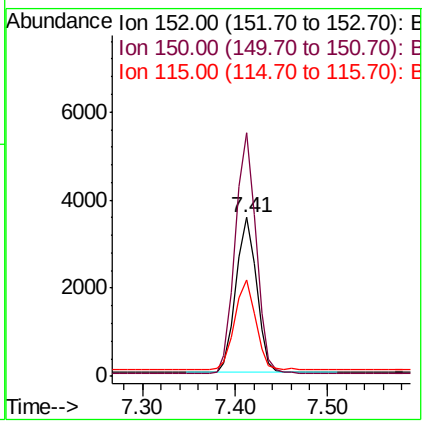


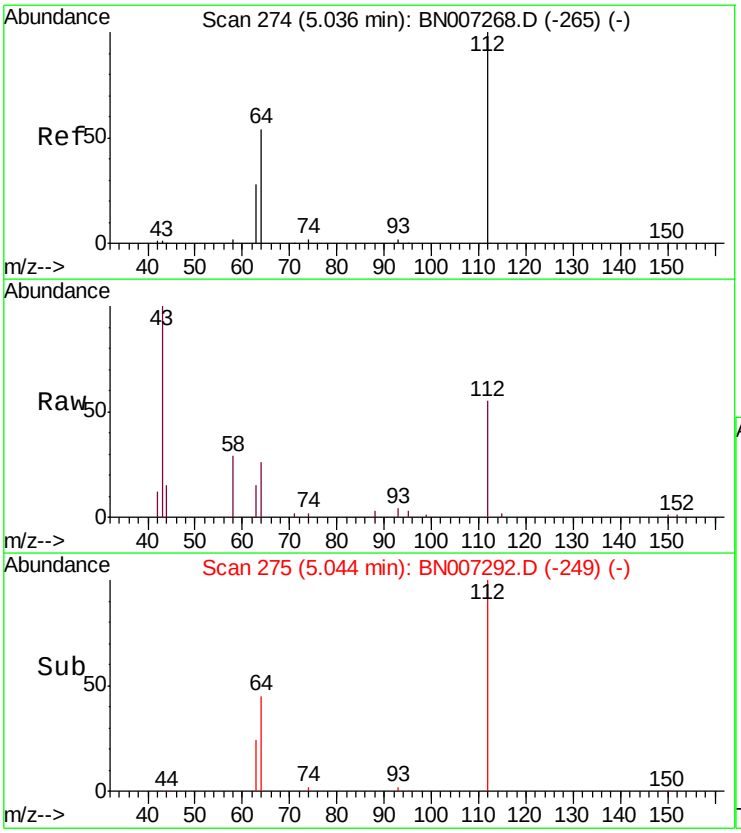
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5441

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.8	185.8
115	60.3	47.3	70.9

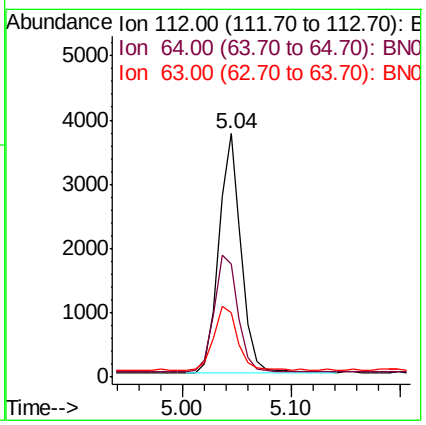


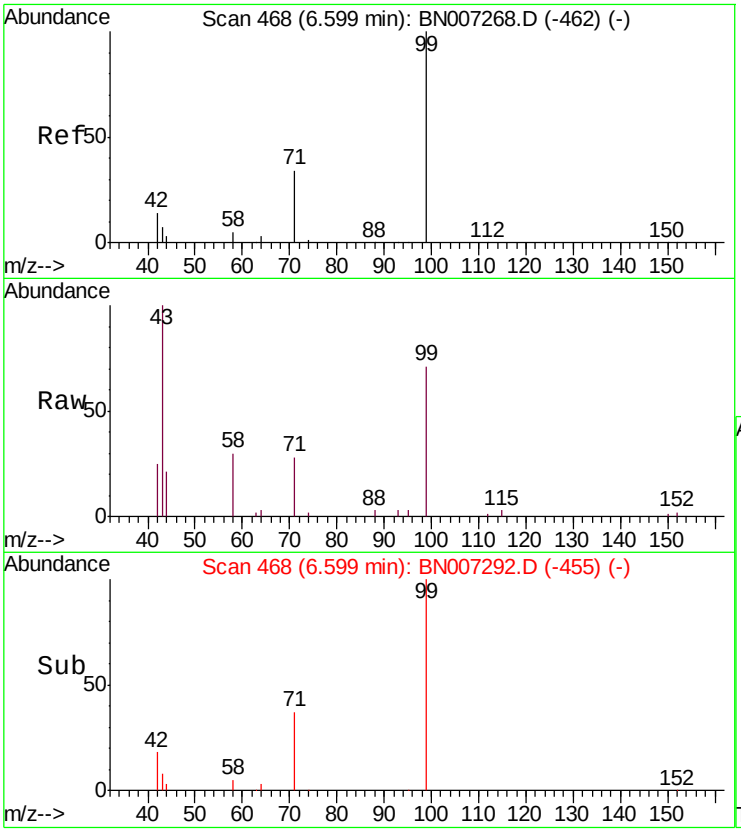


#4
2-Fluorophenol
Concen: 0.322 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:112 Resp: 5333

Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.8	62.8
63	27.7	22.6	34.0



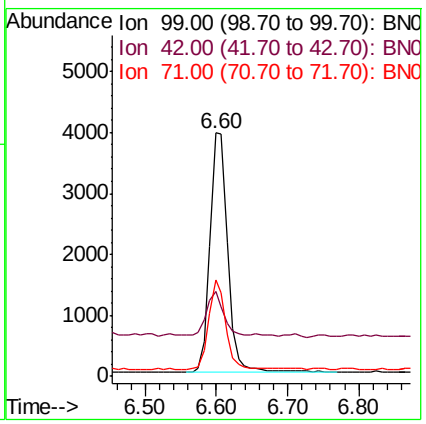


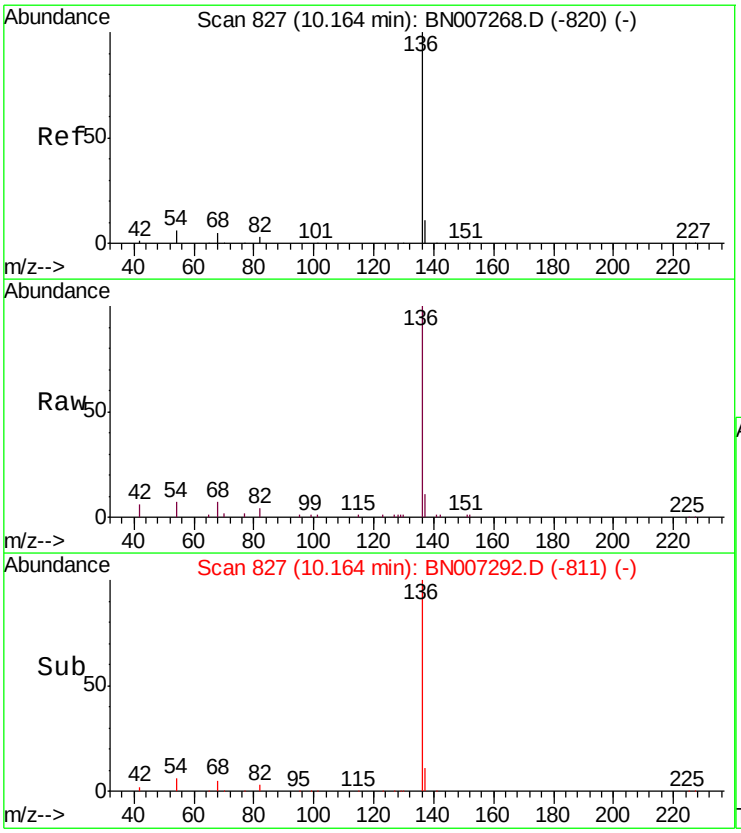
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6839

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.3	21.5
71	34.7	27.3	40.9

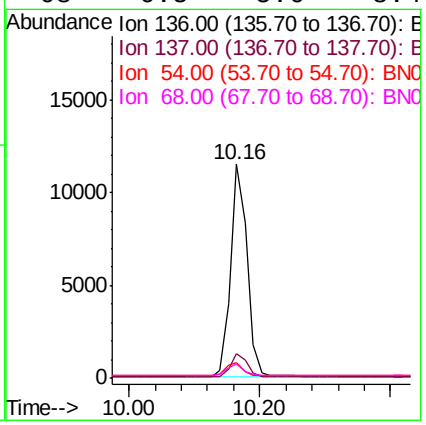


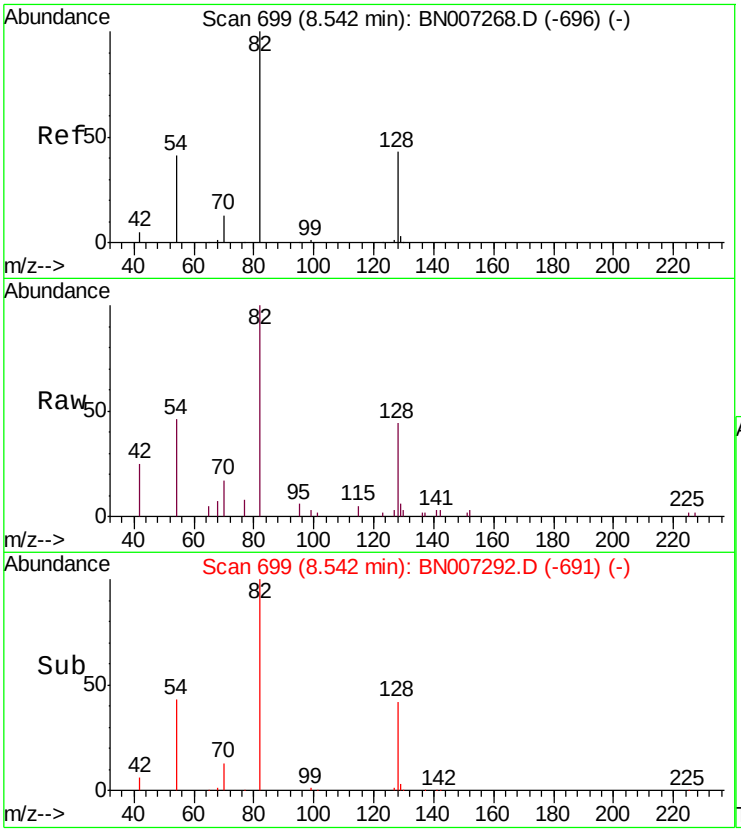


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:136 Resp: 20102

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.2	5.9	8.9
68	6.5	5.6	8.4



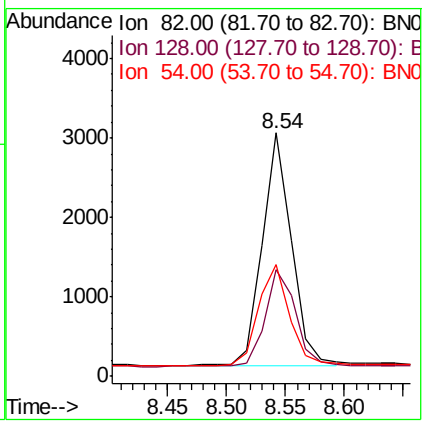


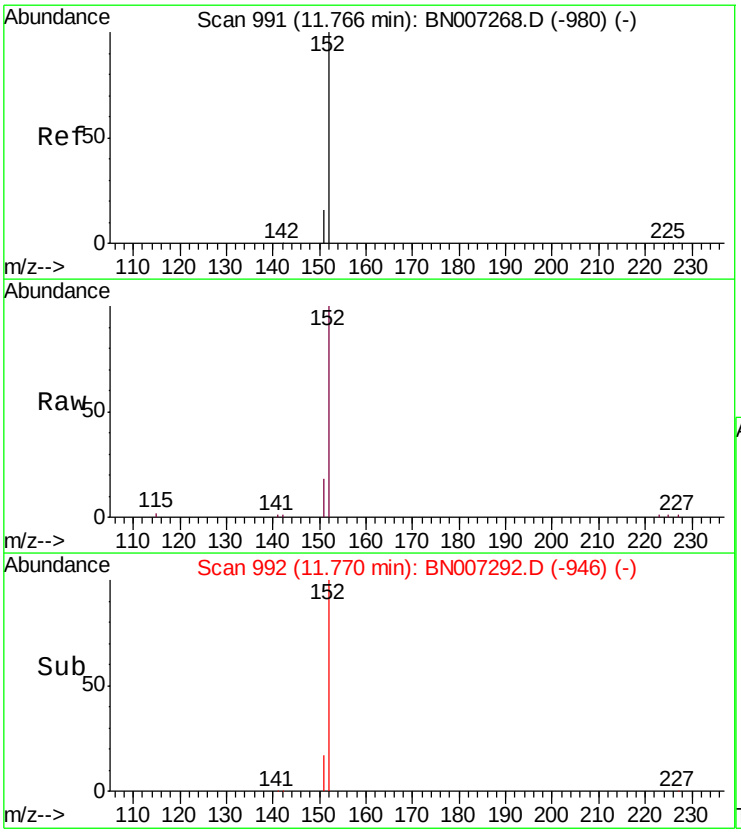
#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 5073

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.8	53.6
54	45.8	34.7	52.1

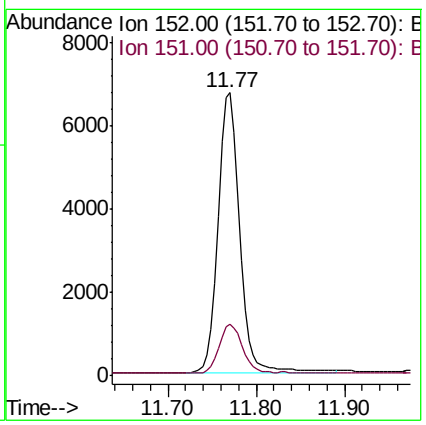


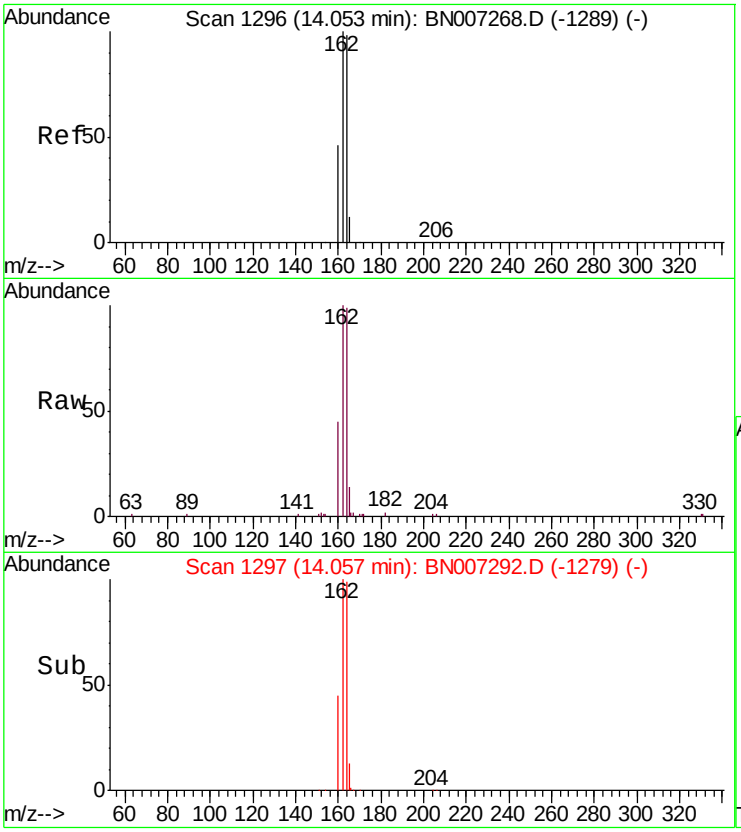


#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:152 Resp: 11710

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.2	22.8



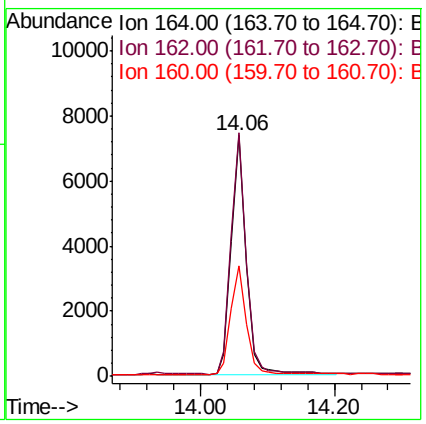


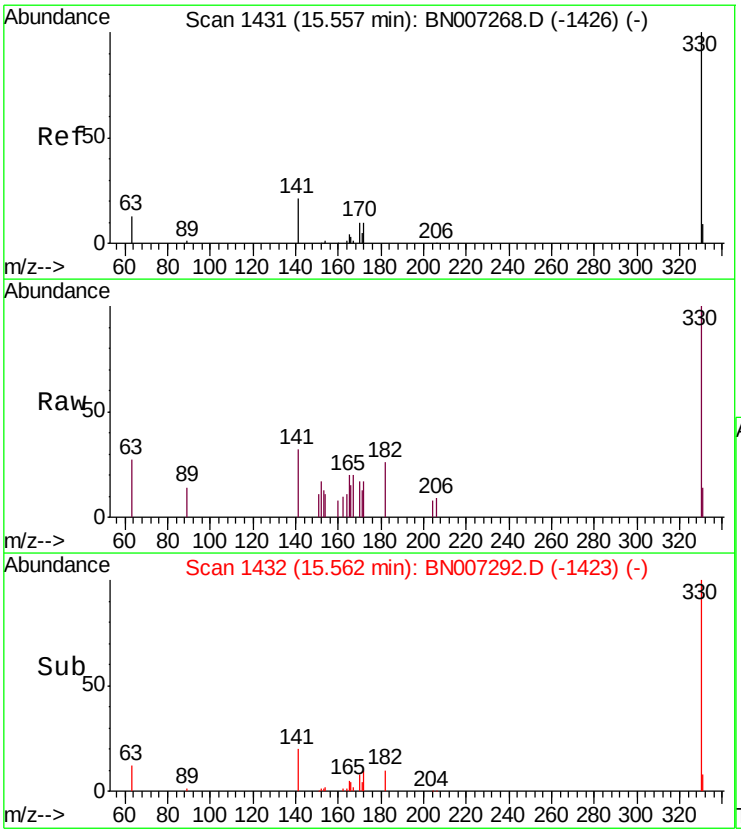
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11238

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.0	123.0
160	45.9	38.2	57.4

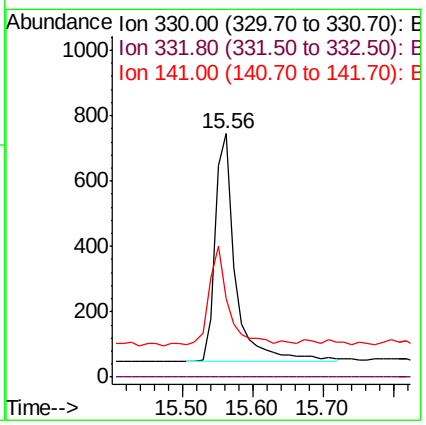


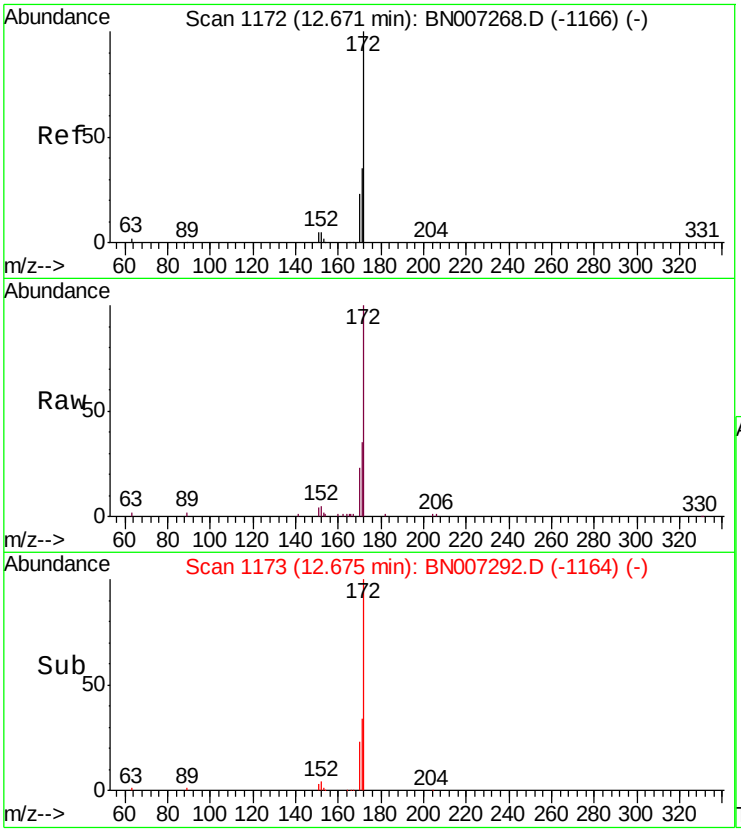


#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.56 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:330 Resp: 1426

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.1	30.3	45.5



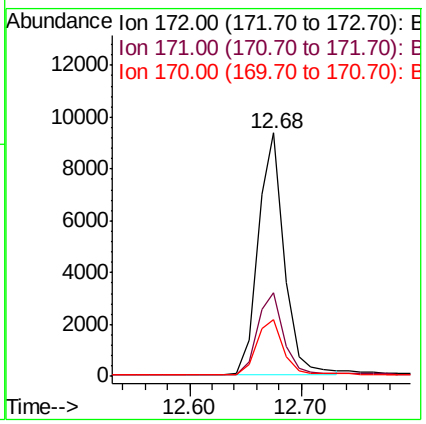


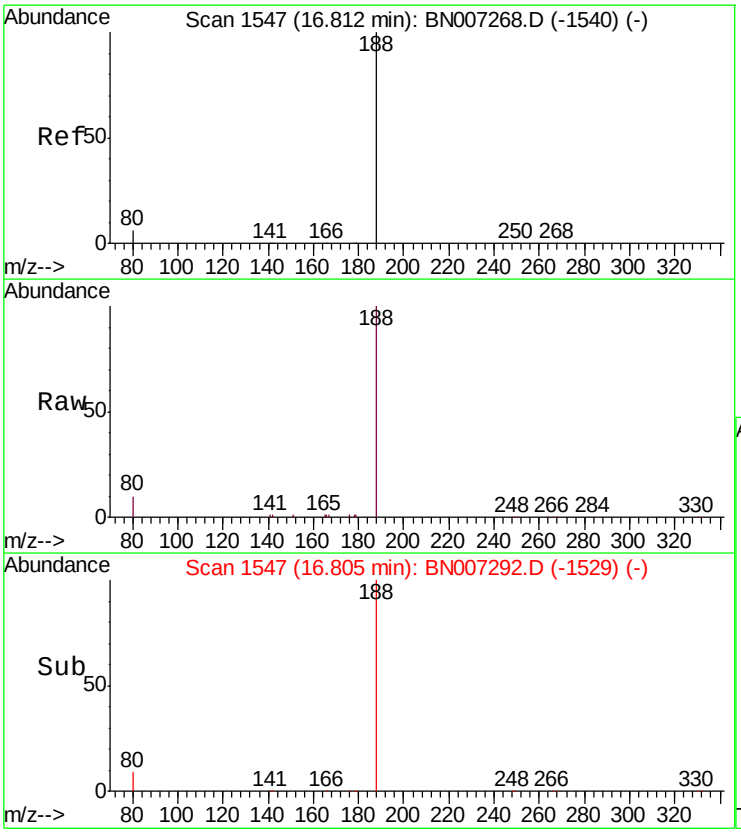
#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 15174

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	43.0
170	23.3	18.7	28.1

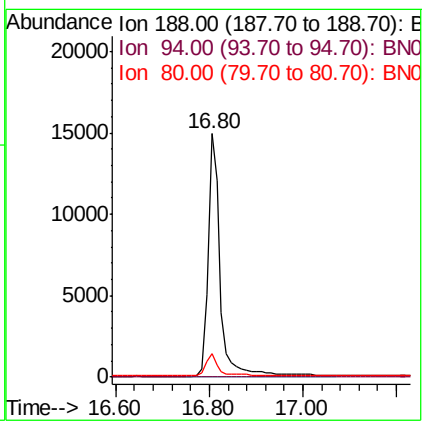


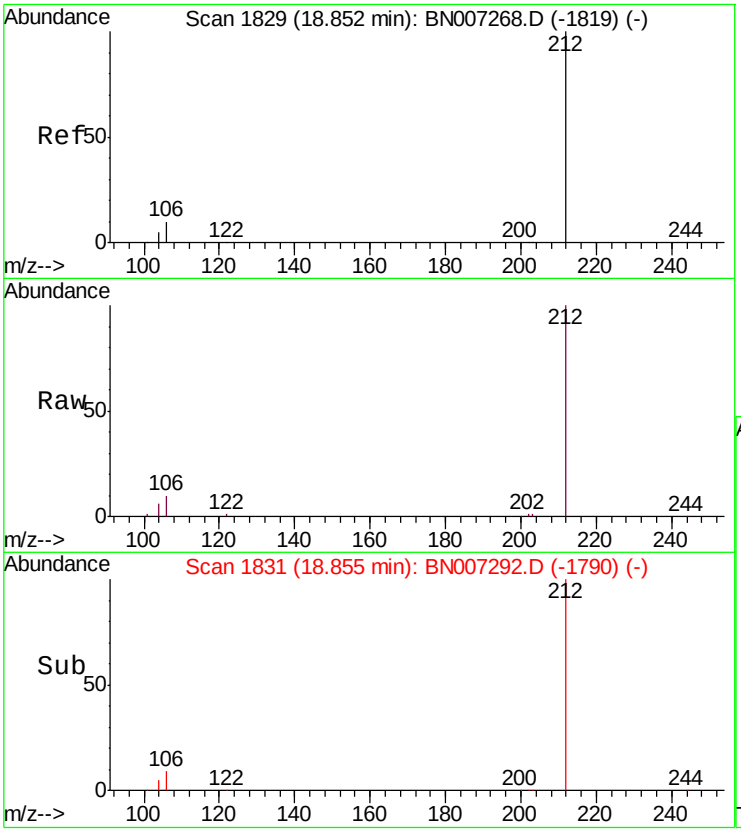


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:188 Resp: 26983

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	5.2	7.8#



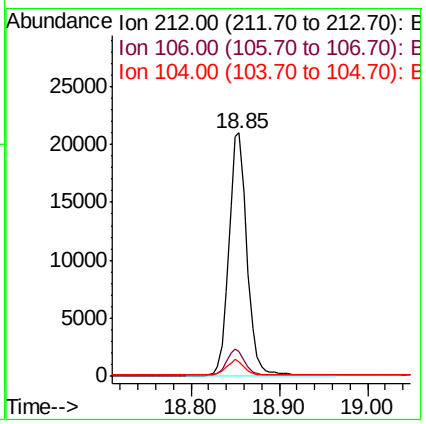


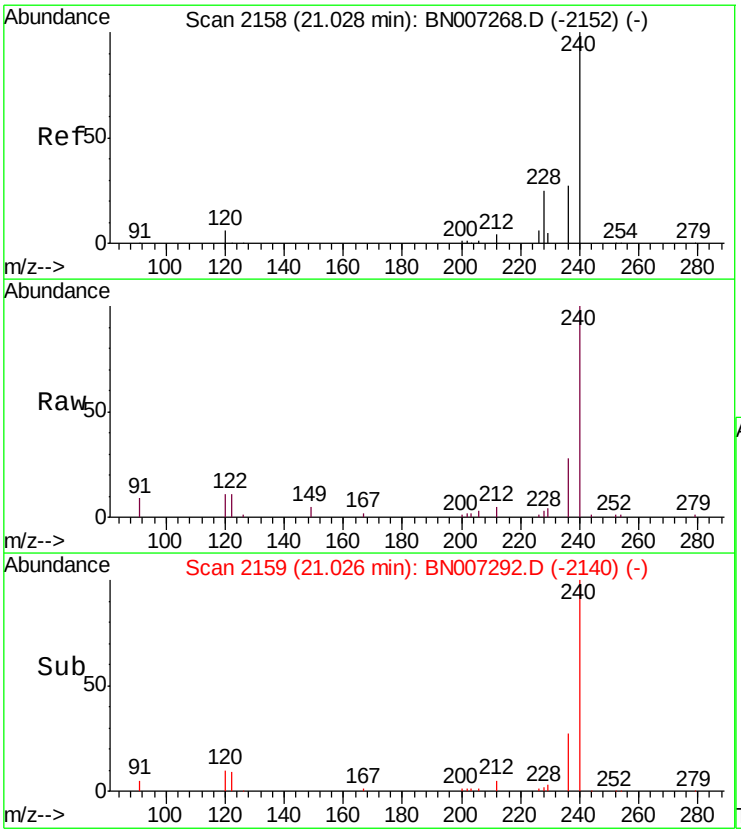
#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 18.85 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 29885

Ion	Ratio	Lower	Upper
212	100		
106	10.6	8.2	12.4
104	6.0	4.7	7.1

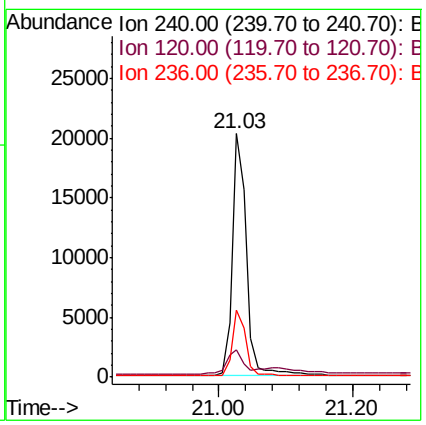


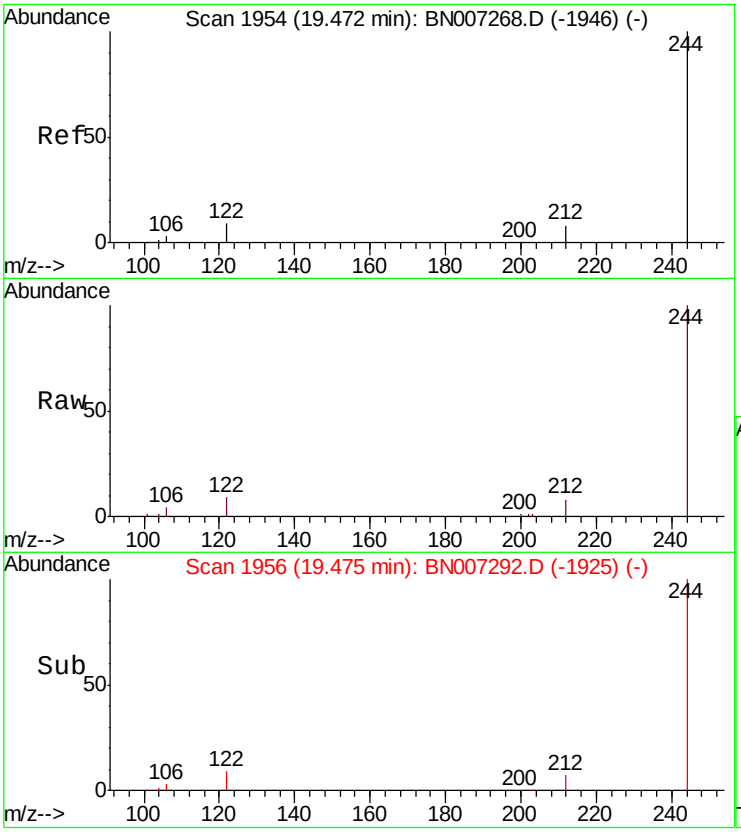


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:240 Resp: 30142

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.6	8.4#
236	27.6	21.6	32.4



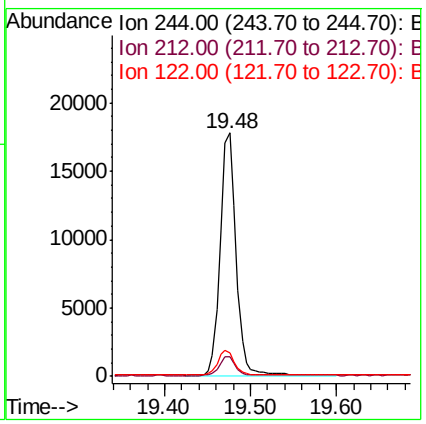


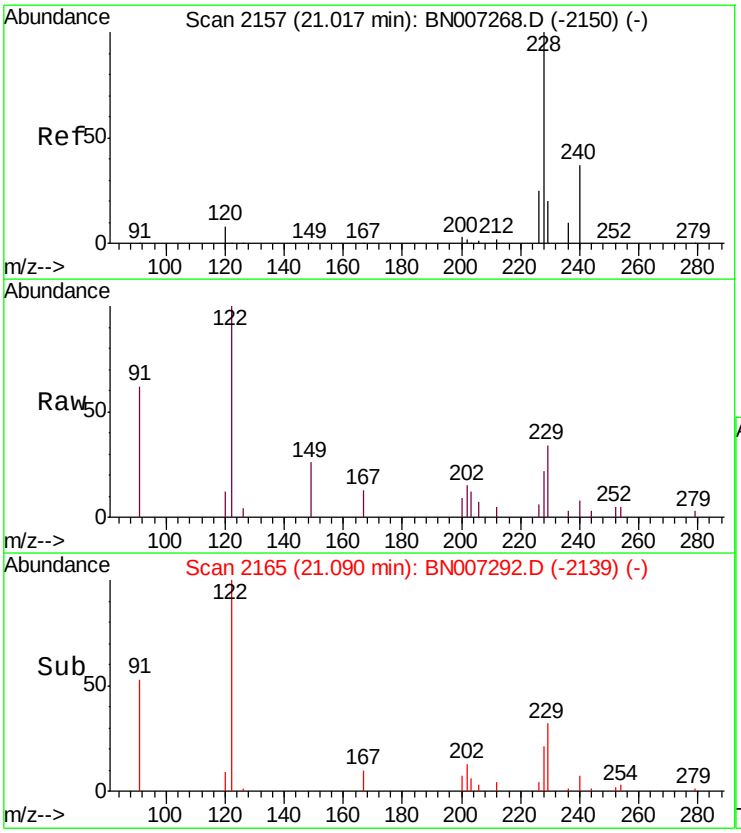
#29
Terphenyl-d14
Concen: 0.303 ng
RT: 19.48 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 22816

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	9.4	7.9	11.9

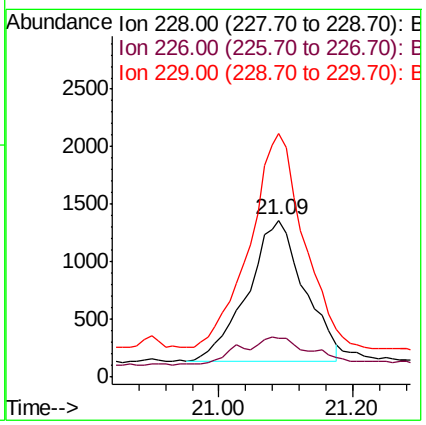


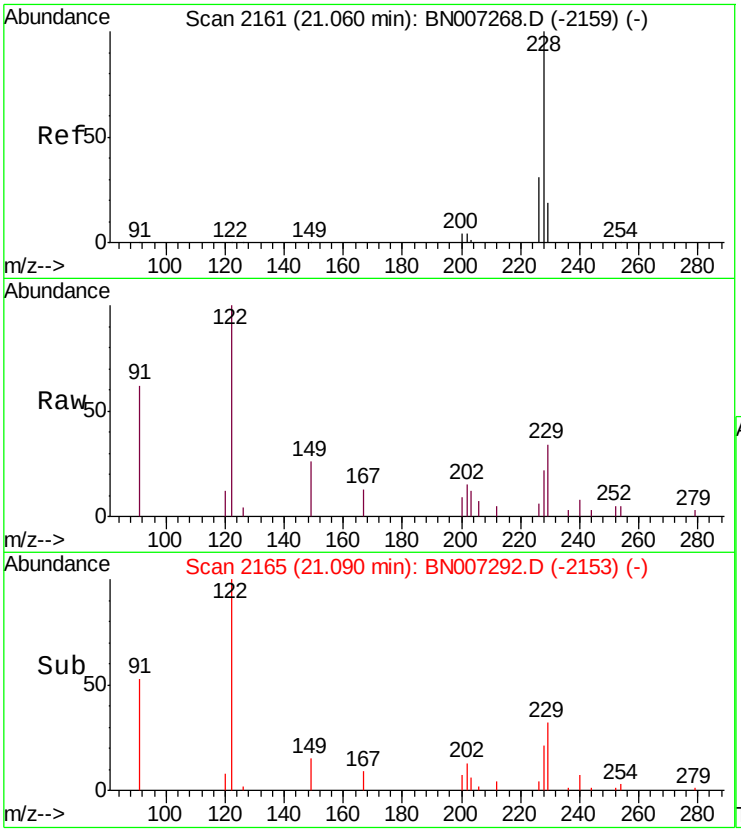


#30
Benzo(a)anthracene
Concen: 0.064 ng
RT: 21.09 min Scan# 2165
Delta R.T. 0.07 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:228 Resp: 7212

Ion	Ratio	Lower	Upper
228	100		
226	24.9	20.6	30.8
229	155.2	16.9	25.3#



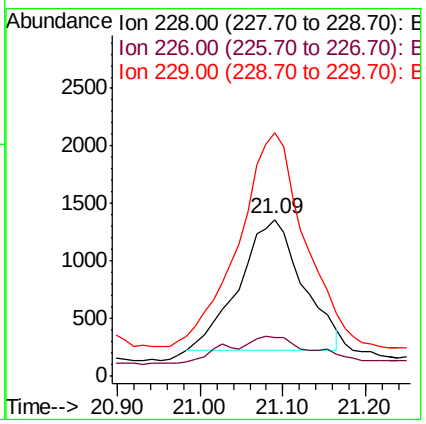


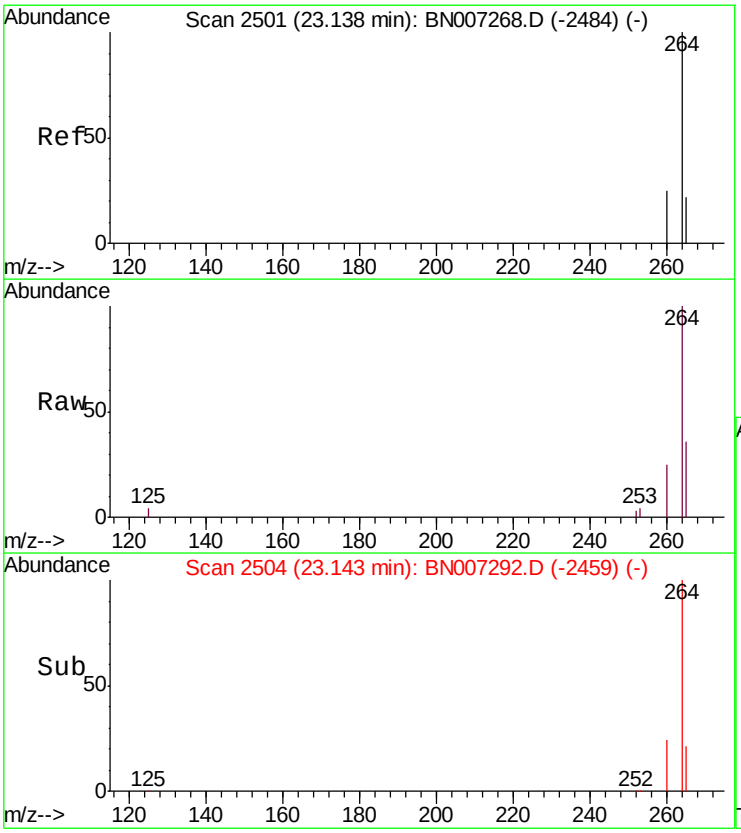
#31
Chrysene
Concen: 0.053 ng
RT: 21.09 min Scan# 2165
Delta R.T. 0.03 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6035

Ion	Ratio	Lower	Upper
228	100		
226	24.9	24.6	36.8
229	155.2	15.6	23.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:264 Resp: 31233

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	36.0	29.0	43.6