

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044679.D
 Acq On : 4 Mar 2020 2:08
 Operator : CG/JU
 Sample : L1757-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-030220

Manual Integrations
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Quant Time: Mar 04 04:56:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	86445m	20.00	ng	-0.06
21) Naphthalene-d8	10.61	136	341722	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	215863	20.00	ng	-0.06
64) Phenanthrene-d10	17.21	188	433624	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	389425	20.00	ng	-0.06
87) Perylene-d12	24.47	264	426626	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	104067	19.32	ng	-0.06
7) Phenol-d6	6.99	99	139760	18.95	ng	-0.06
23) Nitrobenzene-d5	8.96	82	82652	12.46	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	50105	16.37	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	200583	13.31	ng	-0.06
79) Terphenyl-d14	19.83	244	295219	14.35	ng	-0.06
Target Compounds						
75) Fluoranthene	19.26	202	61581	2.167	ng	98
78) Pyrene	19.63	202	60867	2.153	ng	95

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

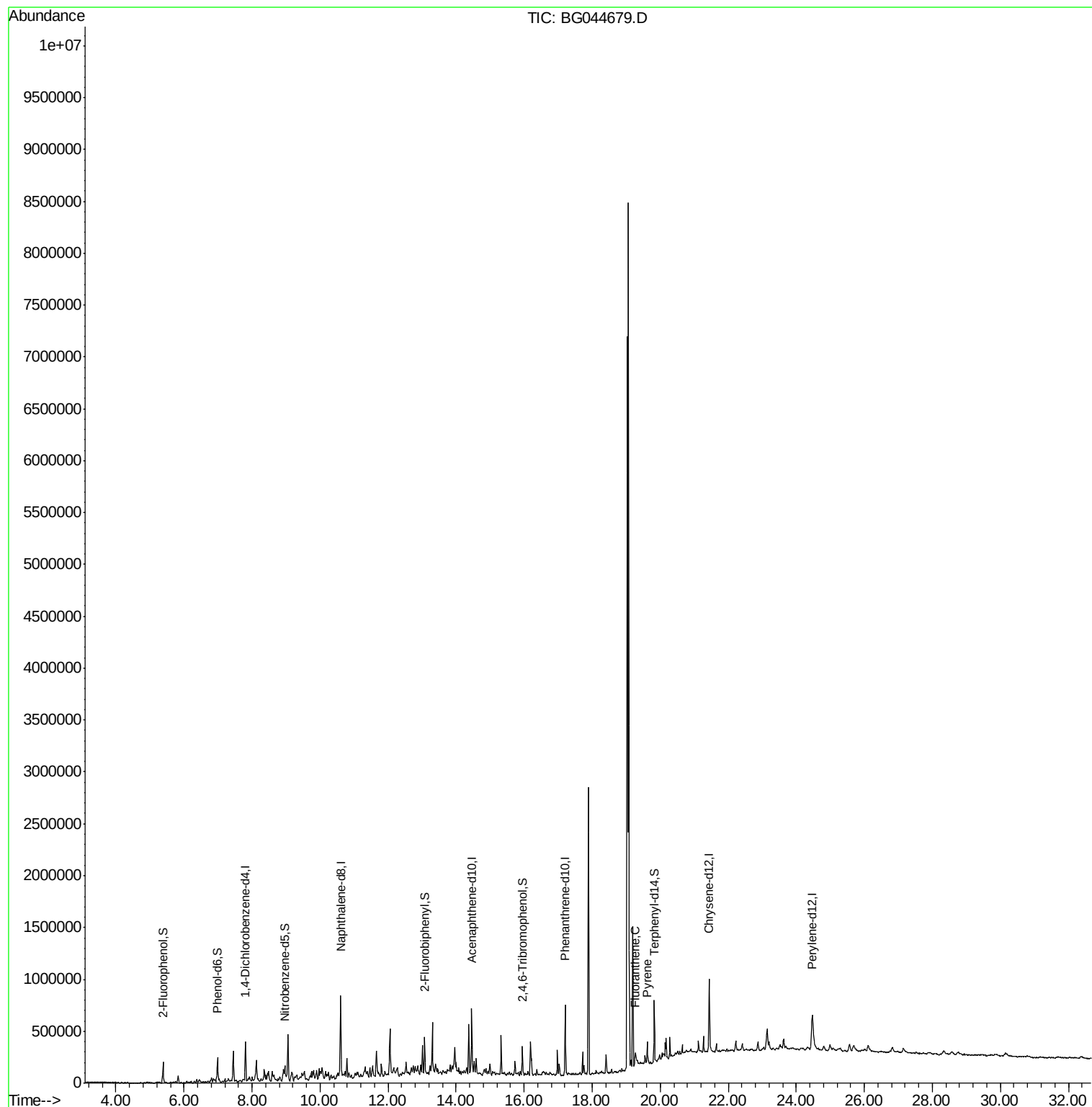
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044679.D
Acq On : 4 Mar 2020 2:08
Operator : CG/JU
Sample : L1757-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

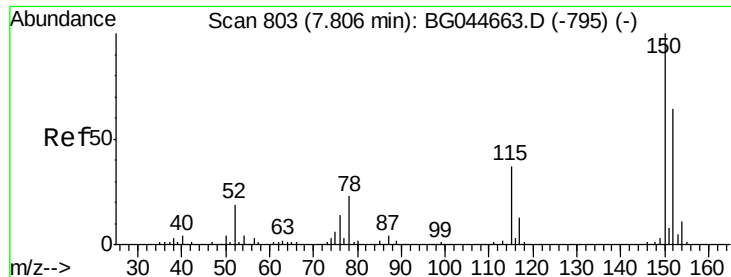
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Mar 04 04:56:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration





#1

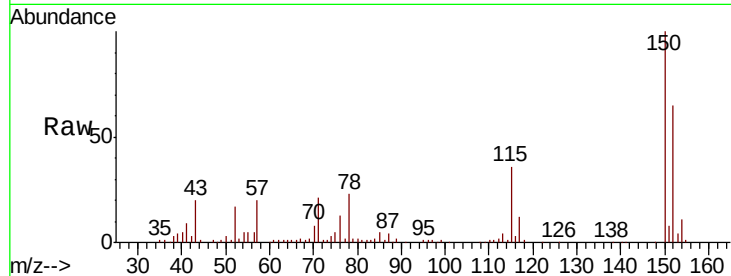
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.81 min Scan# 804
Delta R.T. -0.06 min
Lab File: BG044679.D
Acq: 4 Mar 2020 2:08

Instrument :
BNA_G
ClientSampled :
EO-02-030220

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	128.9	193.3
115	55.8	47.0	70.4

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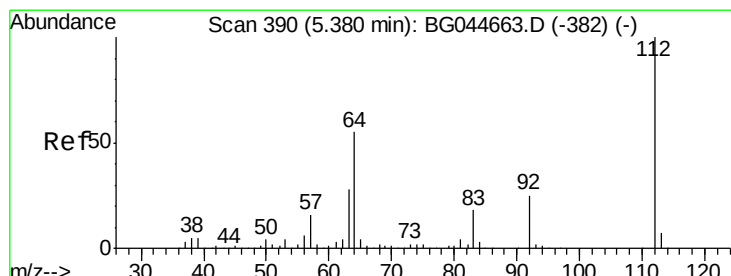
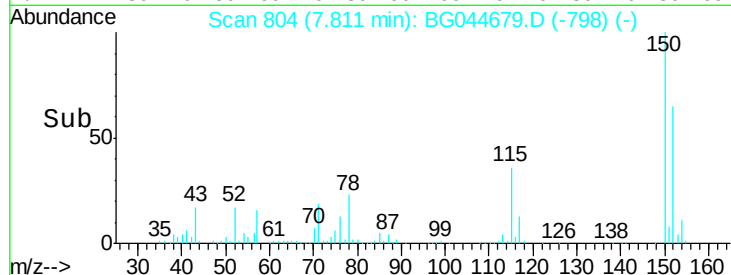
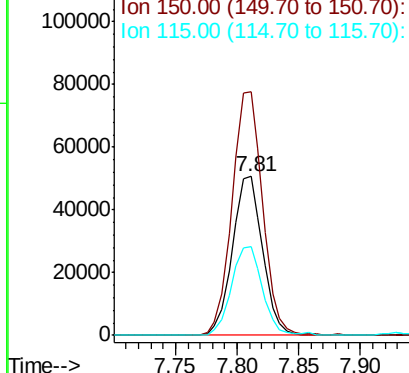


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

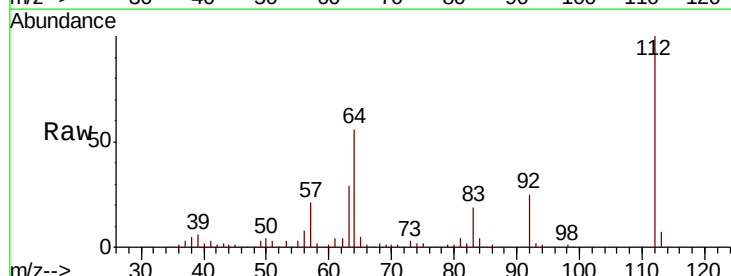
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.315 ng
RT: 5.38 min Scan# 391
Delta R.T. -0.06 min
Lab File: BG044679.D
Acq: 4 Mar 2020 2:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.8	67.2
63	28.8	22.3	33.5

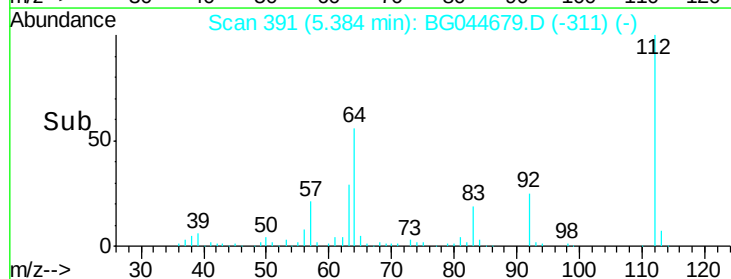
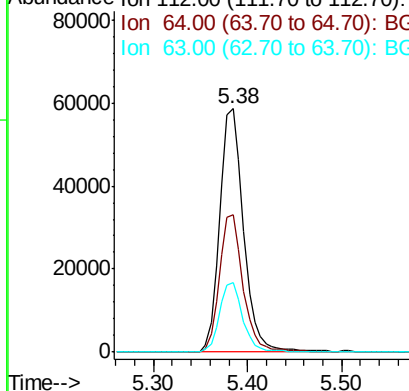


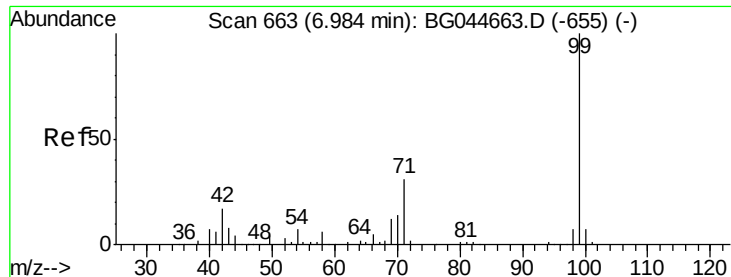
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 18.951 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.06 min

Lab File: BG044679.D

Acq: 4 Mar 2020 2:08

Instrument :

BNA_G

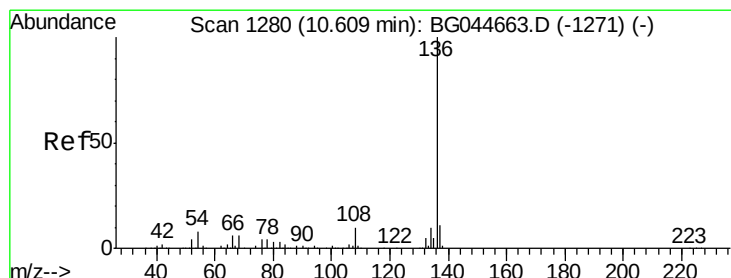
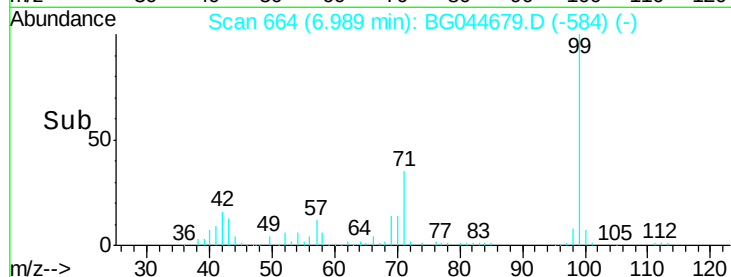
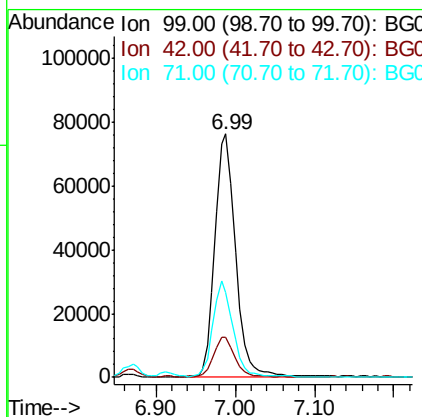
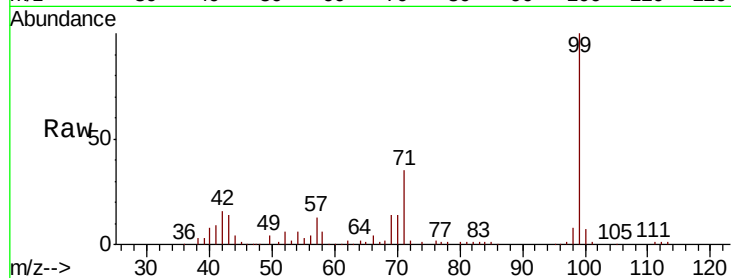
ClientSampleId :

EO-02-030220

Tot Ion:	99	Resp:	139760
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	35.1	24.4	36.6

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#21

Naphthalene-d8

Concen: 20.000 ng

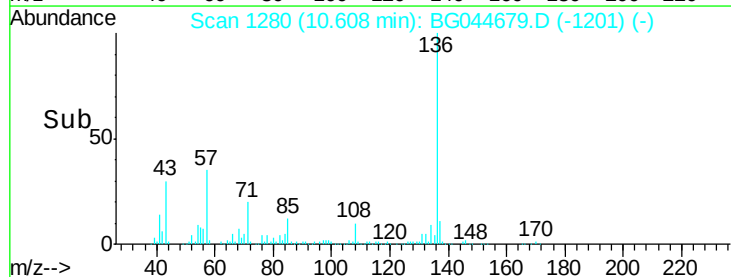
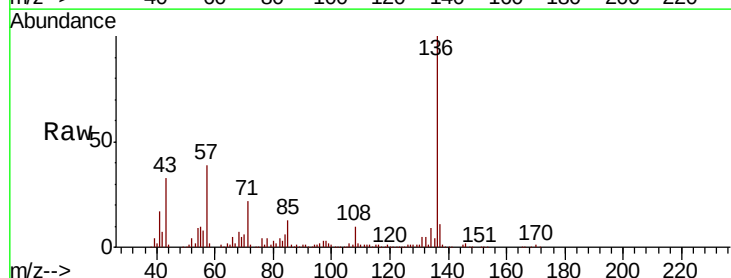
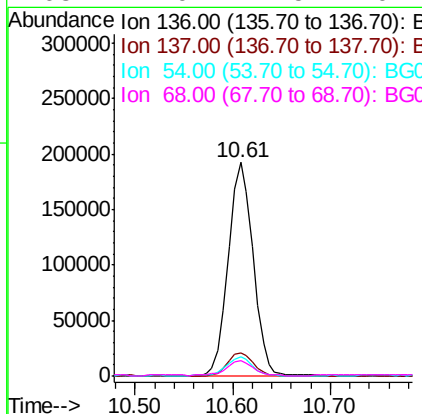
RT: 10.61 min Scan# 1280

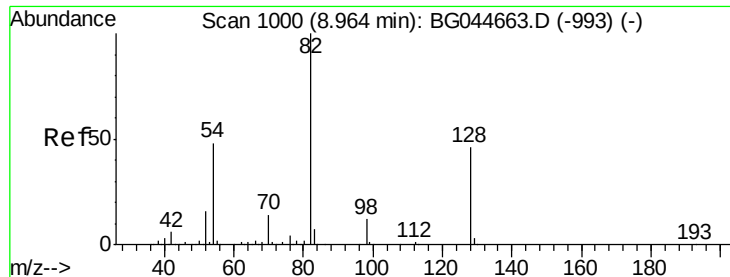
Delta R.T. -0.07 min

Lab File: BG044679.D

Acq: 4 Mar 2020 2:08

Tgt Ion:	136	Resp:	341722
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.9	5.7	8.5#
68	7.0	4.5	6.7#





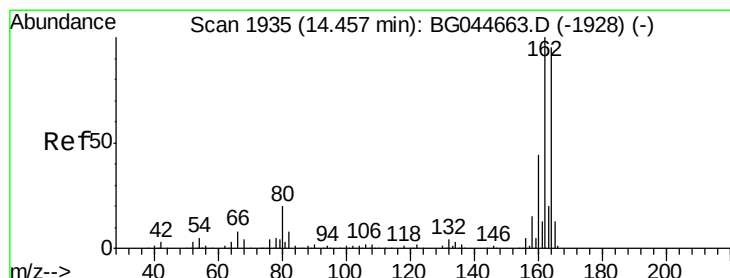
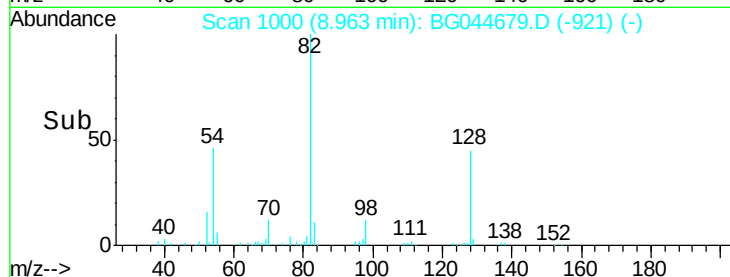
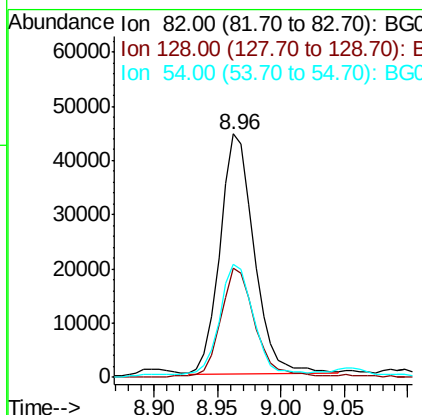
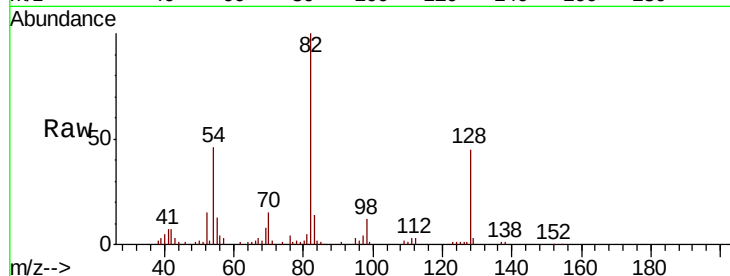
#23
 Nitrobenzene-d5
 Concen: 12.461 ng
 RT: 8.96 min Scan# 1000
 Delta R.T. -0.07 min
 Lab File: BG044679.D
 Acq: 4 Mar 2020 2:08

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-030220

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	38.1	57.1
54	46.3	37.5	56.3

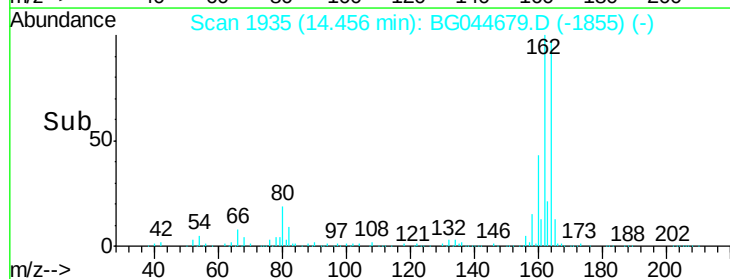
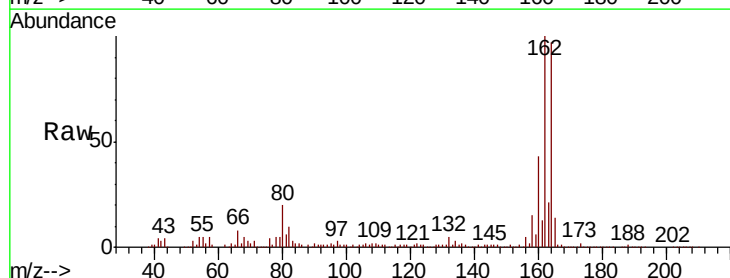
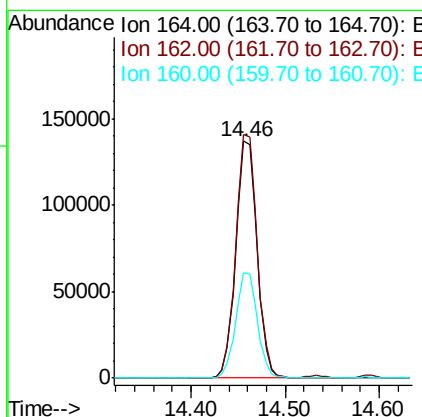
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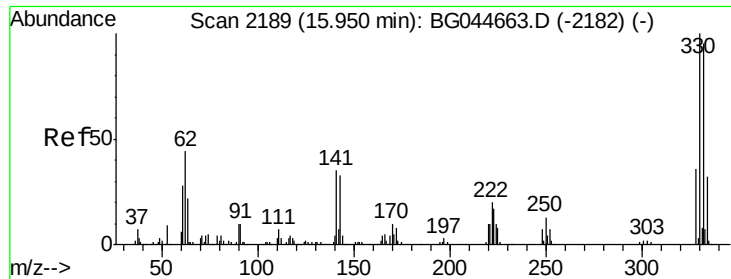
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.06 min
 Lab File: BG044679.D
 Acq: 4 Mar 2020 2:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.6	125.4
160	44.6	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 16.370 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044679.D

Acq: 4 Mar 2020 2:08

Instrument :

BNA_G

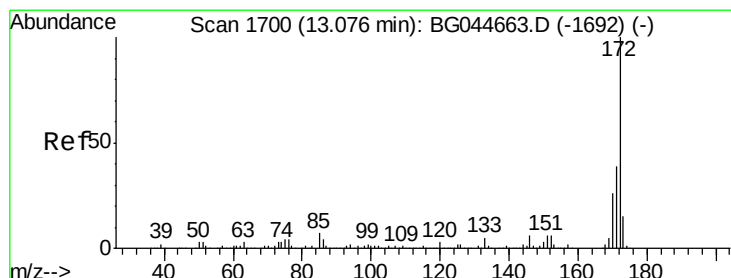
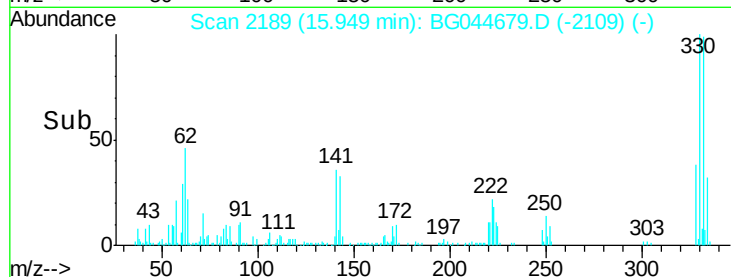
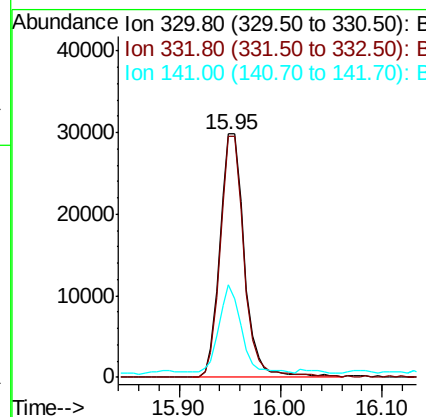
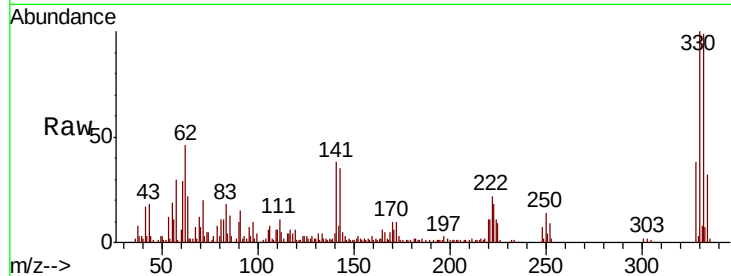
ClientSampleId :

EO-02-030220

Tot Ion:	330	Resp:	50105
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.4	116.0
141	33.4	26.1	39.1

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#45

2-Fluorobiphenyl

Concen: 13.306 ng

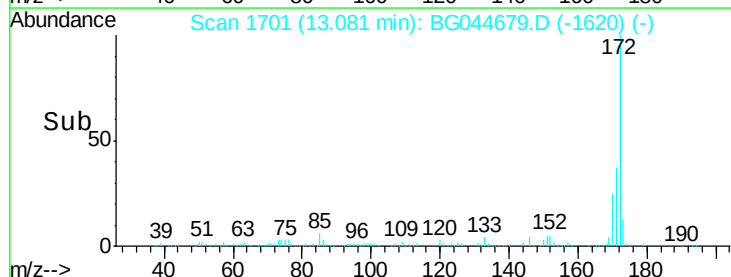
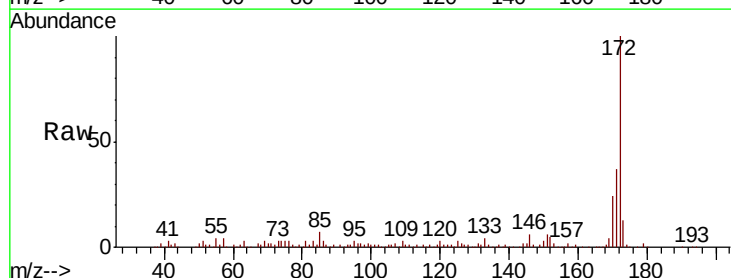
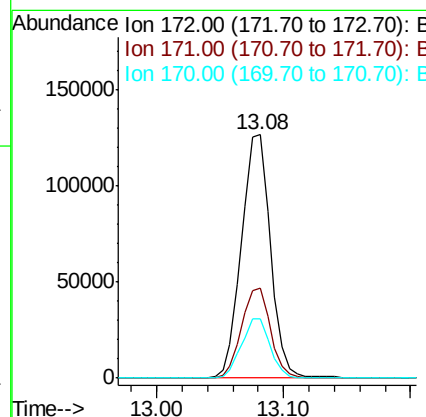
RT: 13.08 min Scan# 1701

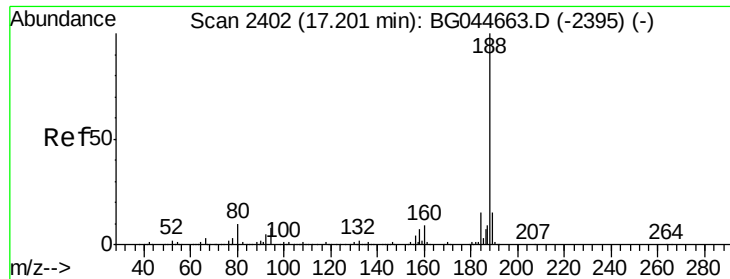
Delta R.T. -0.06 min

Lab File: BG044679.D

Acq: 4 Mar 2020 2:08

Tgt Ion:	172	Resp:	200583
Ion Ratio	Lower	Upper	
172	100		
171	37.0	31.3	46.9
170	24.5	21.0	31.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2403

Delta R.T. -0.06 min

Lab File: BG044679.D

Acq: 4 Mar 2020 2:08

Instrument :

BNA_G

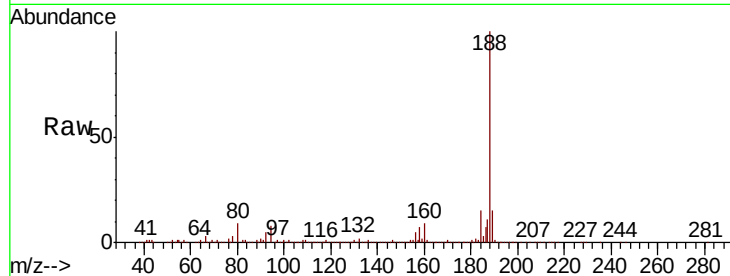
ClientSampleId :

EO-02-030220

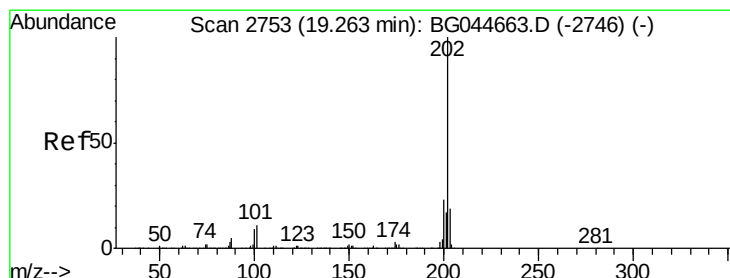
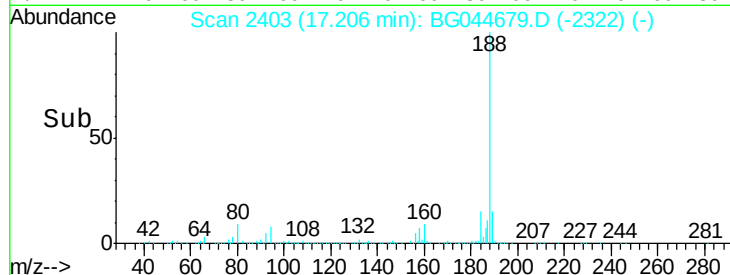
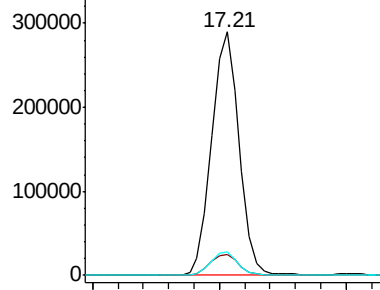
Tot Ion:	188	Resp:	433624
Ion Ratio	Lower	Upper	
188	100		
94	8.5	6.7	10.1
80	9.4	7.6	11.4

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO



#75

Fluoranthene

Concen: 2.167 ng

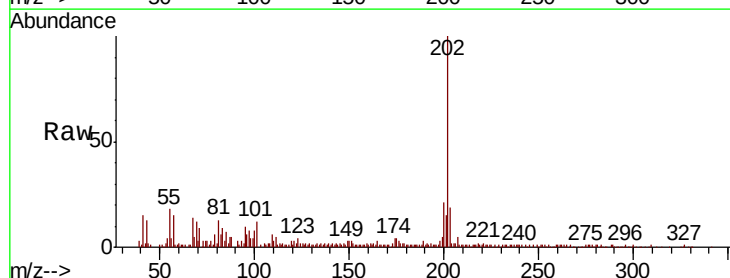
RT: 19.26 min Scan# 2753

Delta R.T. -0.05 min

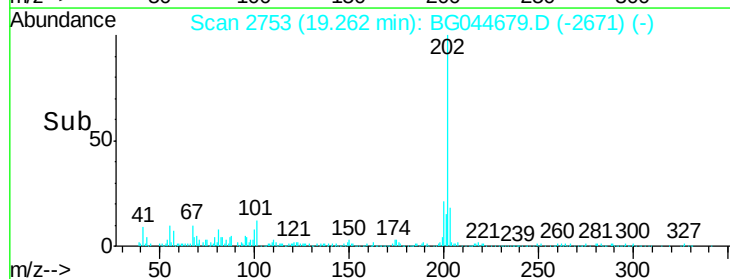
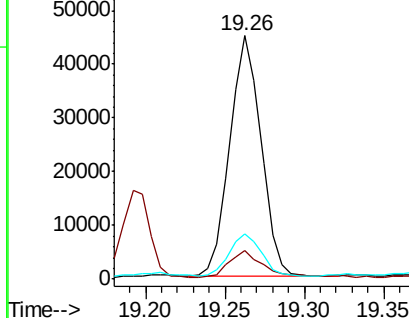
Lab File: BG044679.D

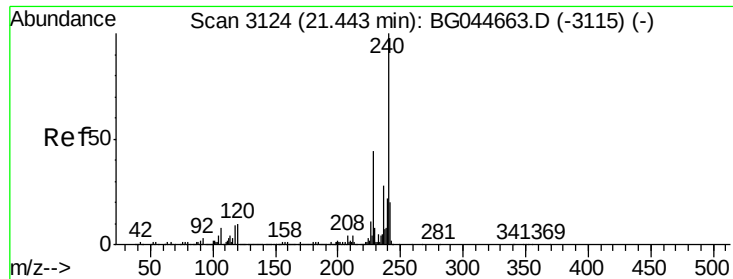
Acq: 4 Mar 2020 2:08

Tgt Ion:	202	Resp:	61581
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.0
203	18.6	0.0	39.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





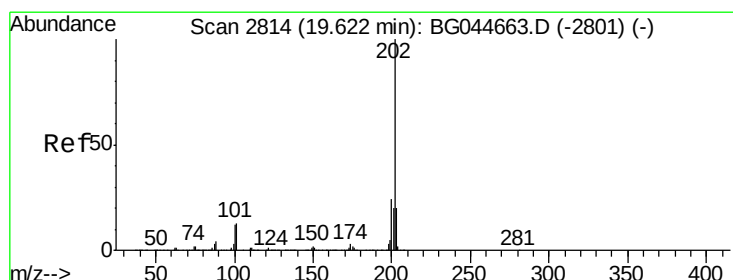
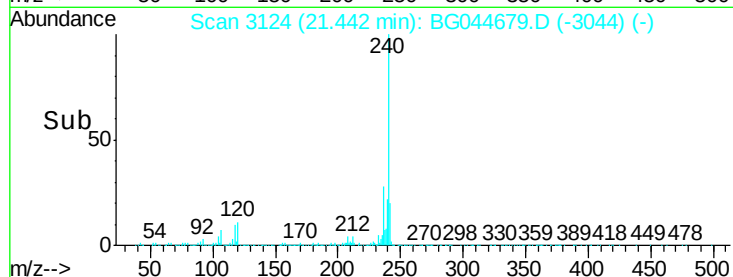
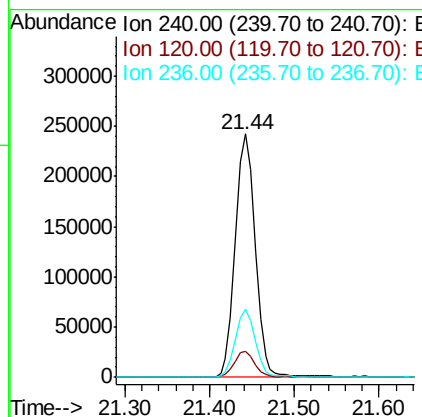
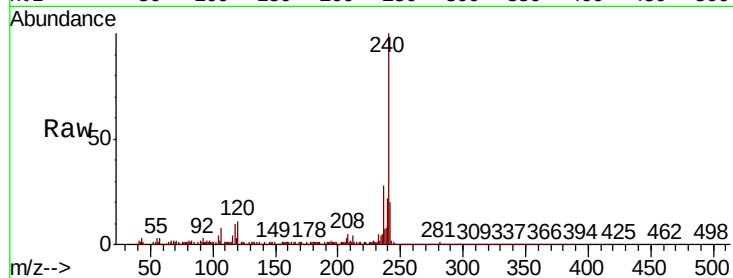
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.06 min
Lab File: BG044679.D
Acq: 4 Mar 2020 2:08

Instrument :
BNA_G
ClientSampleId :
EO-02-030220

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.8	8.3	12.5
236	27.9	22.3	33.5

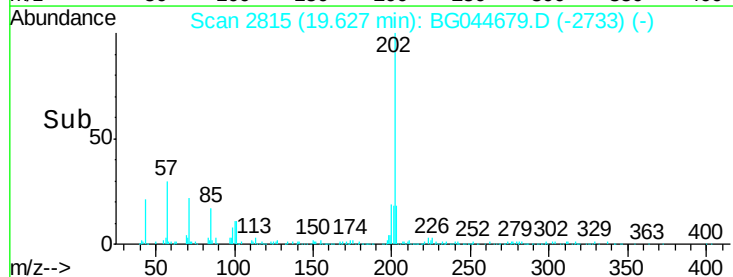
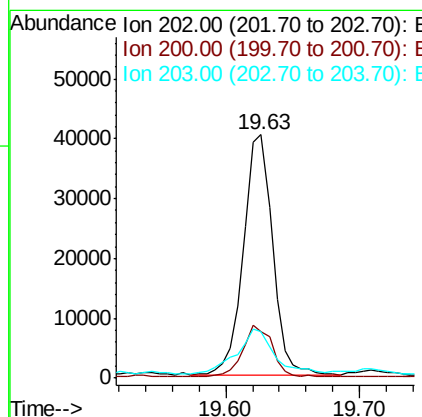
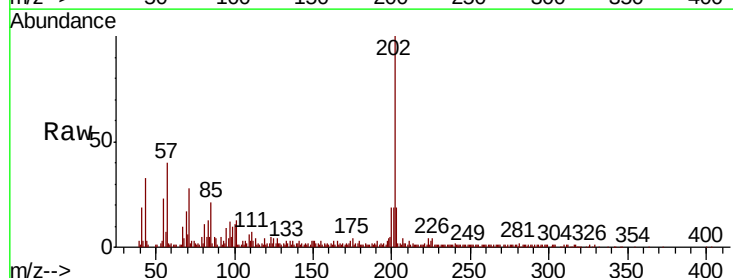
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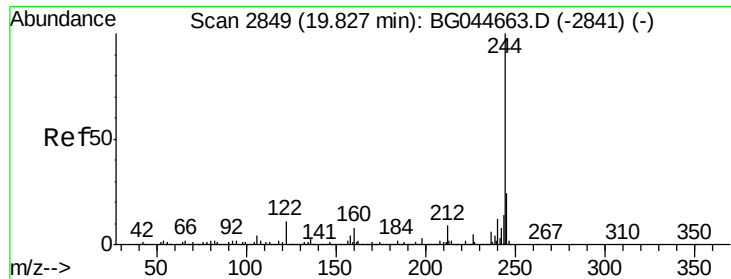
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#78
Pyrene
Concen: 2.153 ng
RT: 19.63 min Scan# 2815
Delta R.T. -0.05 min
Lab File: BG044679.D
Acq: 4 Mar 2020 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.3	18.6	28.0
203	19.3	15.3	22.9





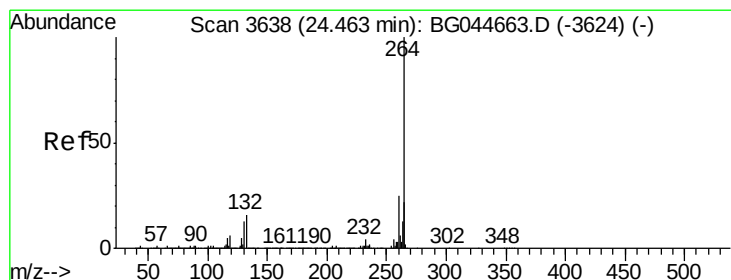
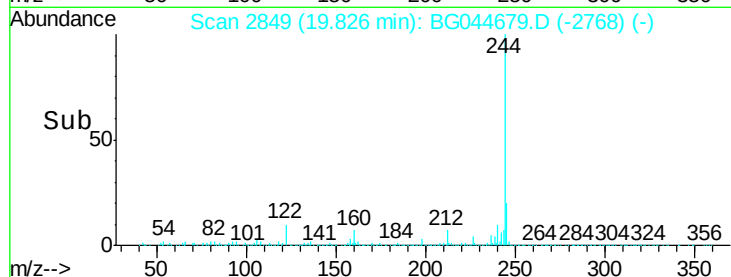
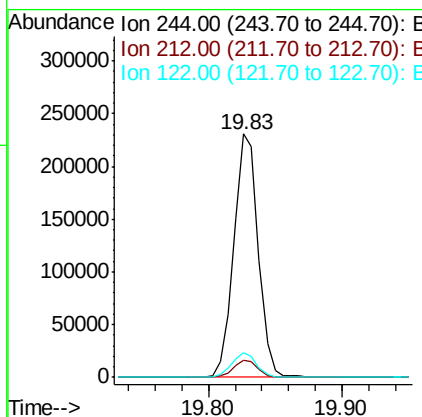
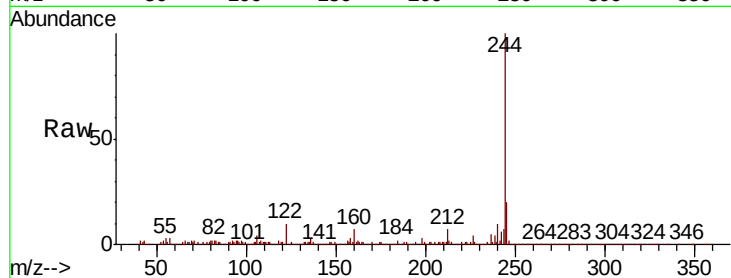
#79
 Terphenyl-d14
 Concen: 14.351 ng
 RT: 19.83 min Scan# 2849
 Delta R.T. -0.06 min
 Lab File: BG044679.D
 Acq: 4 Mar 2020 2:08

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-030220

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	10.3	8.2	12.4

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.47 min Scan# 3639
 Delta R.T. -0.10 min
 Lab File: BG044679.D
 Acq: 4 Mar 2020 2:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	23.2	17.8	26.8

