

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044328.D
 Acq On : 6 Feb 2020 18:34
 Operator : CG/JU
 Sample : L1408-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-B

Manual Integrations
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mohammad
 2/10/2020 8:17:03 AM

Quant Time: Feb 06 22:23:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	88705	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	374134	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	253450	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	541528	20.00	ng	0.00
76) Chrysene-d12	21.54	240	472369	20.00	ng	0.00
87) Perylene-d12	24.63	264	533056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	629509	125.24	ng	0.00
7) Phenol-d6	7.08	99	846174	125.37	ng	0.00
23) Nitrobenzene-d5	9.07	82	514472	77.63	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	350208	117.70	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1211271	80.03	ng	0.00
79) Terphenyl-d14	19.91	244	1646816	71.71	ng	0.00
Target Compounds						
10) Phenol	7.11	94	14680	2.198	ng	Qvalue # 68
50) Dimethylphthalate	14.00	163	104776	5.751	ng	98
71) Phenanthrene	17.34	178	154149	5.878	ng	97
72) Anthracene	17.42	178	71596	2.762	ng	94
75) Fluoranthene	19.35	202	432587	14.260	ng	96
78) Pyrene	19.70	202	424520	13.994	ng	96
81) Benzo(a)anthracene	21.52	228	252196	8.663	ng	98
83) Chrysene	21.58	228	206138	7.325	ng	96
86) Indeno(1,2,3-cd)pyrene	28.12	276	100148	2.728	ng	95
88) Benzo(b)fluoranthene	23.66	252	237836	7.743	ng	98
89) Benzo(k)fluoranthene	23.71	252	81992m	2.739	ng	
90) Benzo(a)pyrene	24.49	252	186199	6.411	ng	99
92) Benzo(a,h,i)perylene	29.20	276	94528	3.285	ng	99

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

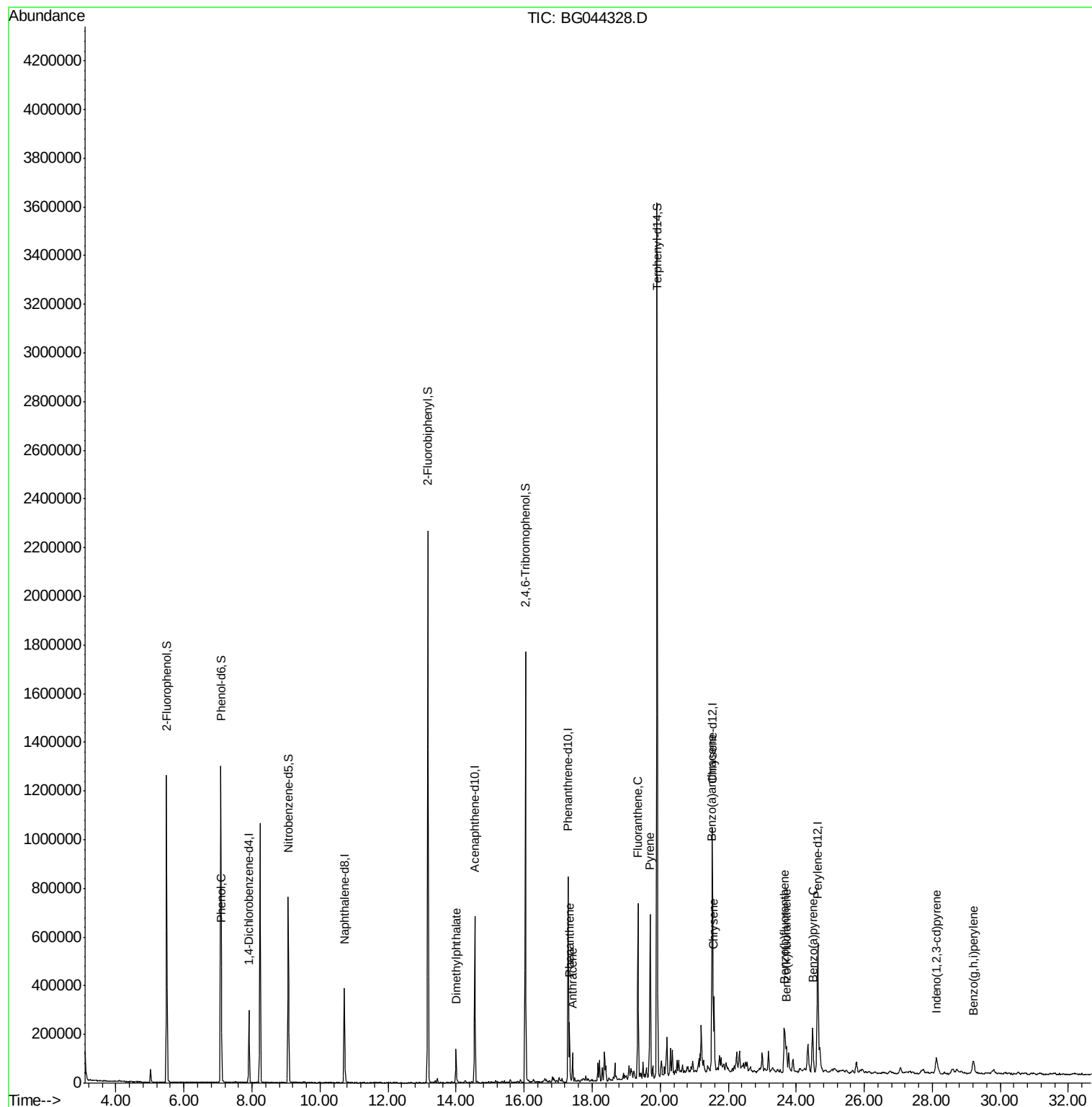
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
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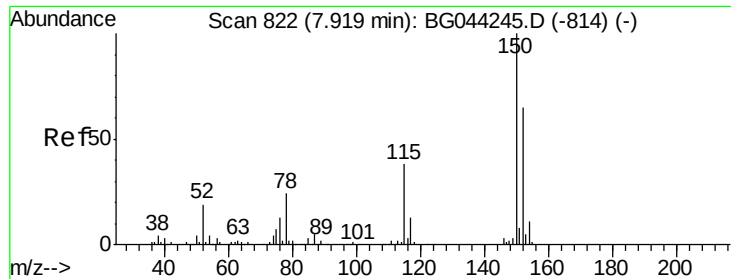
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

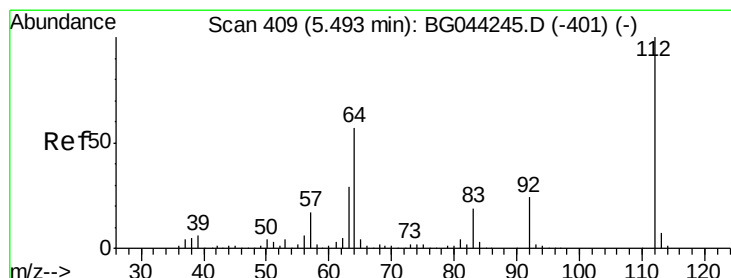
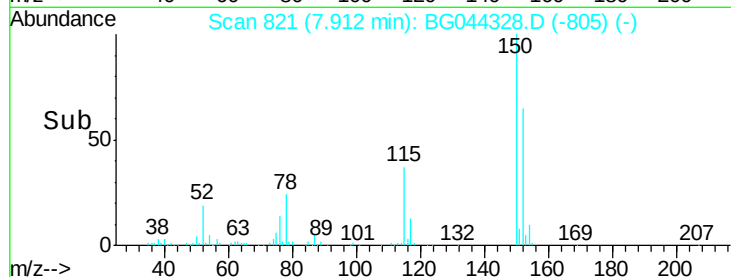
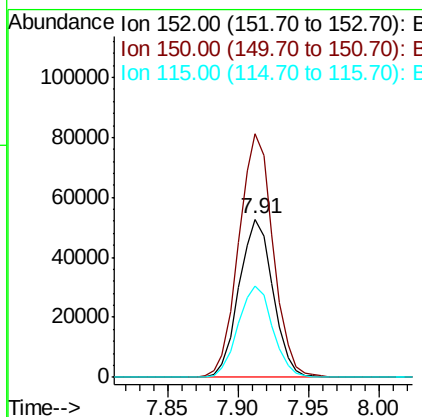
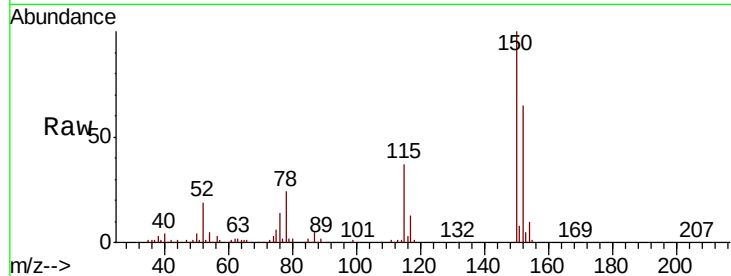
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.6	183.8
115	57.4	46.0	69.0

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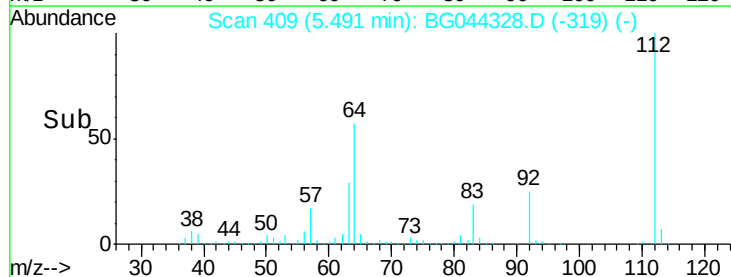
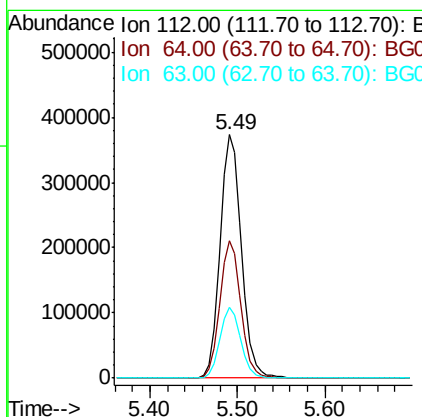
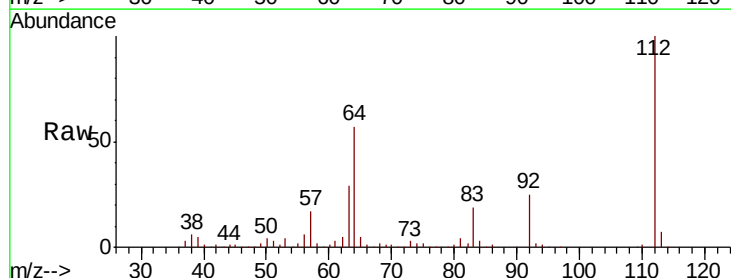
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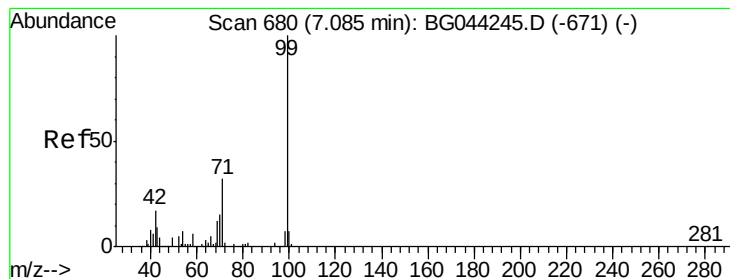


#5

2-Fluorophenol
Concen: 125.245 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.4	68.2
63	29.3	22.9	34.3





#7

Phenol-d6

Concen: 125.369 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044328.D

Acq: 6 Feb 2020 18:34

Instrument :

BNA_G

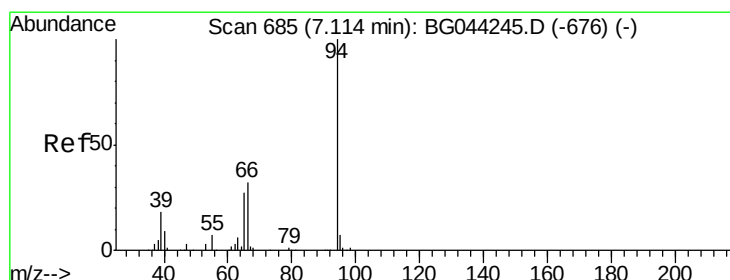
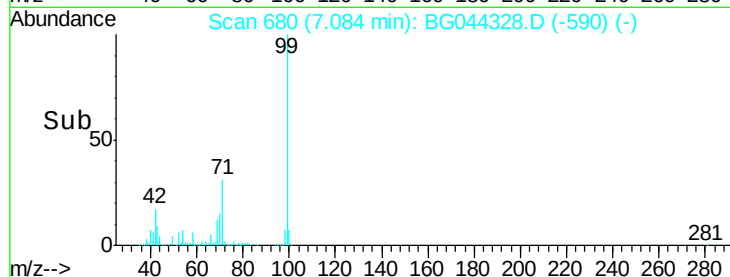
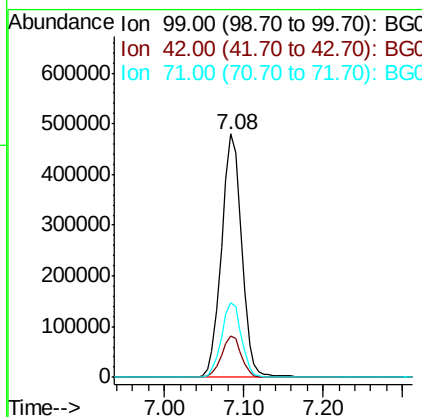
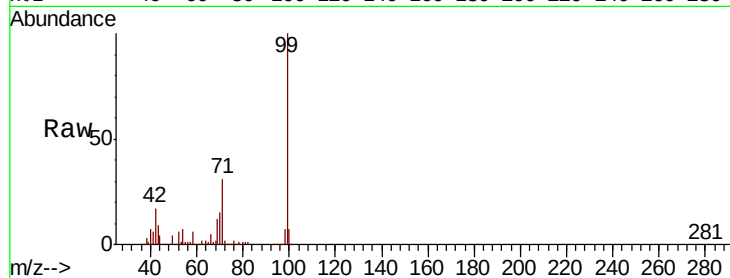
ClientSampleId :

SHORE-RD-PATH-BH-01-B

Tot Ion:	99	Resp:	846174
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	30.7	25.5	38.3

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#10

Phenol

Concen: 2.198 ng

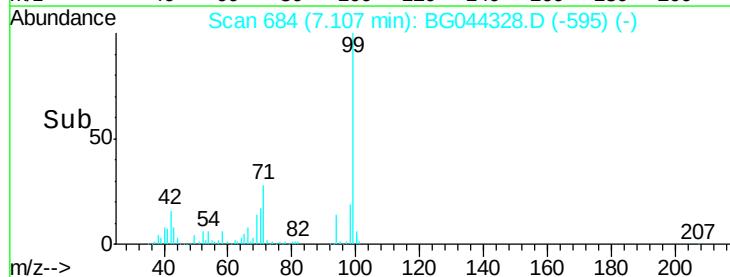
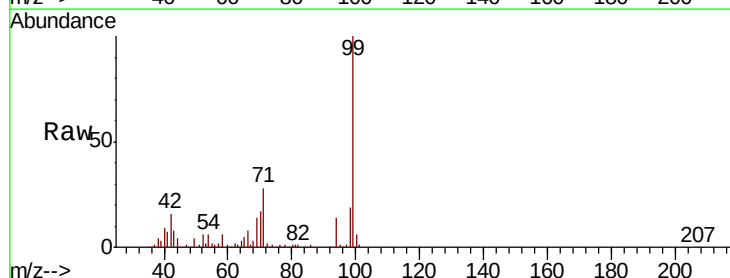
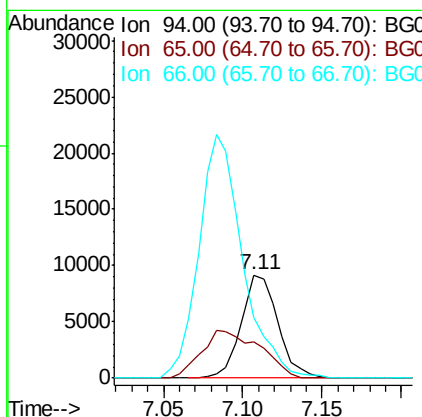
RT: 7.11 min Scan# 684

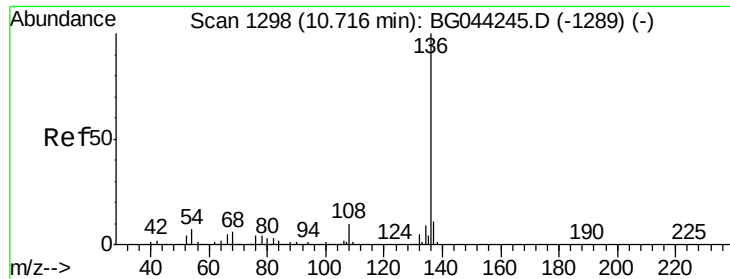
Delta R.T. -0.01 min

Lab File: BG044328.D

Acq: 6 Feb 2020 18:34

Tgt Ion:	94	Resp:	14680
Ion	Ratio	Lower	Upper
94	100		
65	34.7	7.0	47.0
66	58.4	12.7	52.7





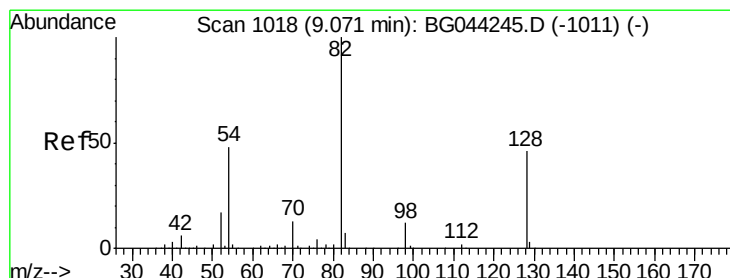
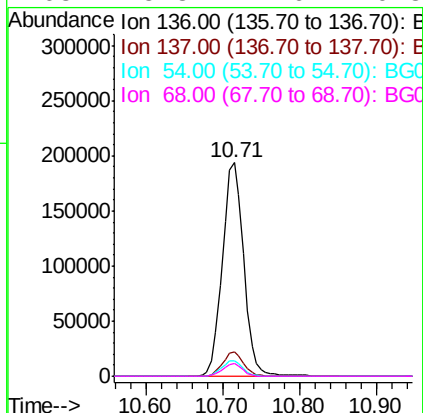
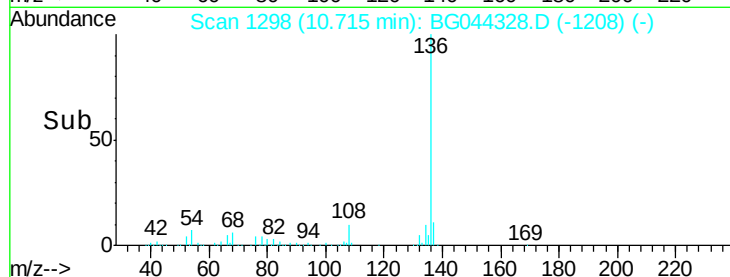
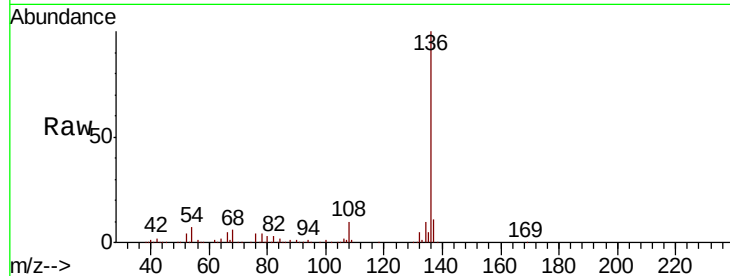
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100	374134		
137	11.1	8.8	13.2	
54	7.1	5.8	8.8	
68	5.8	4.6	6.8	

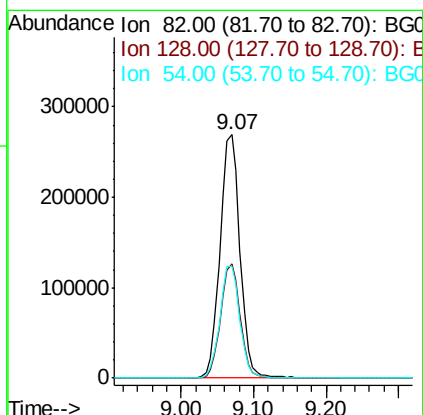
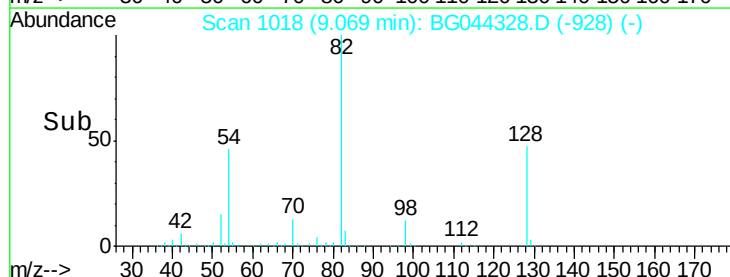
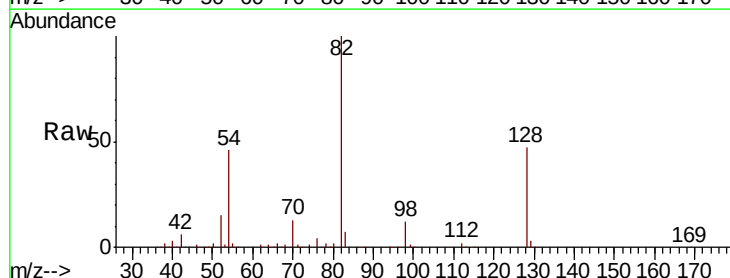
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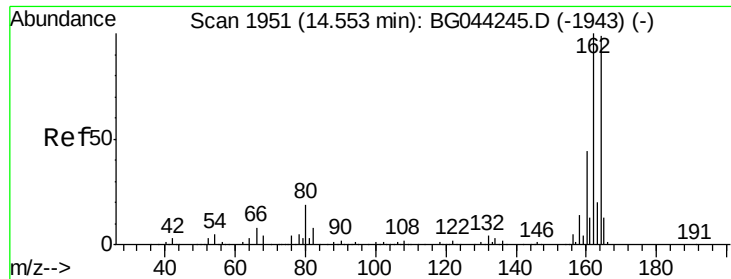
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#23
Nitrobenzene-d5
Concen: 77.633 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	514472		
128	47.1	36.5	54.7	
54	46.0	38.6	58.0	





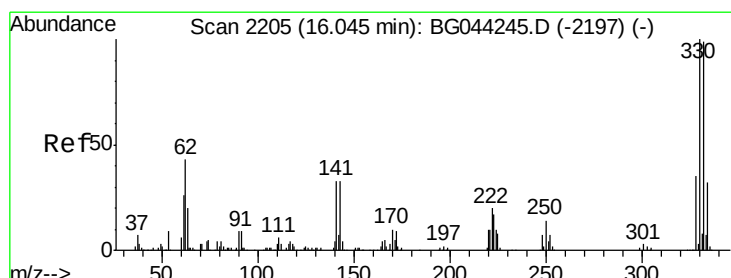
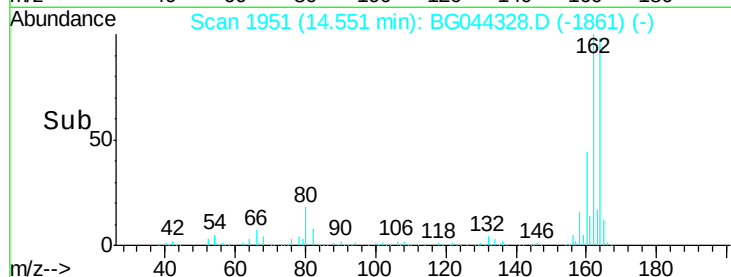
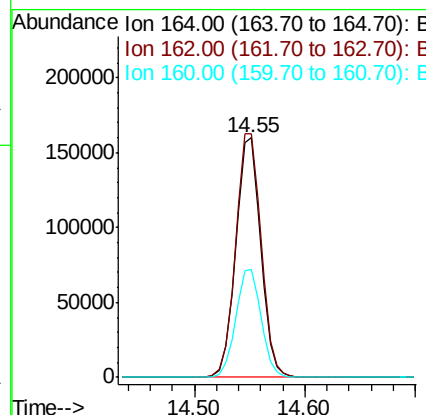
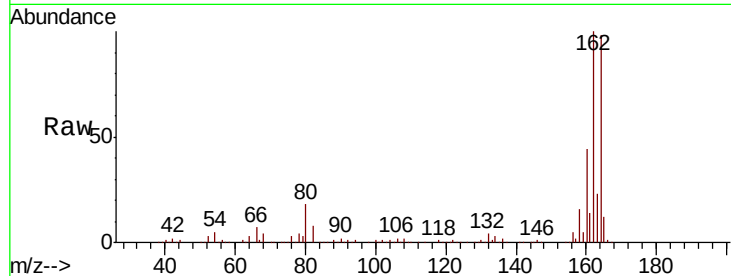
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	45.0	35.3	52.9

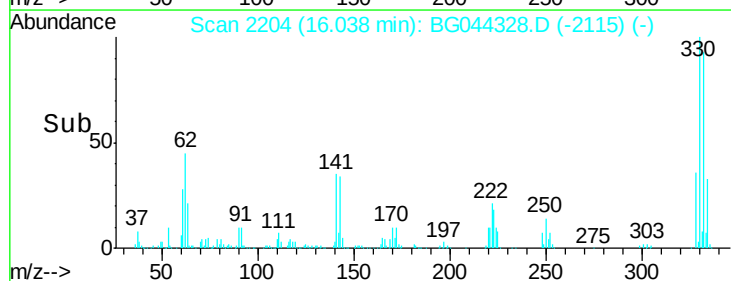
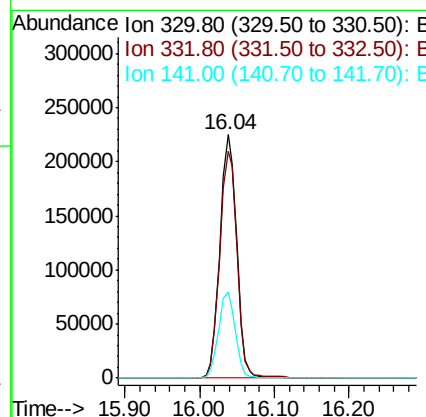
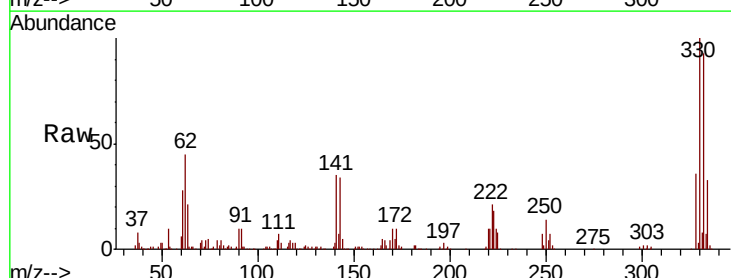
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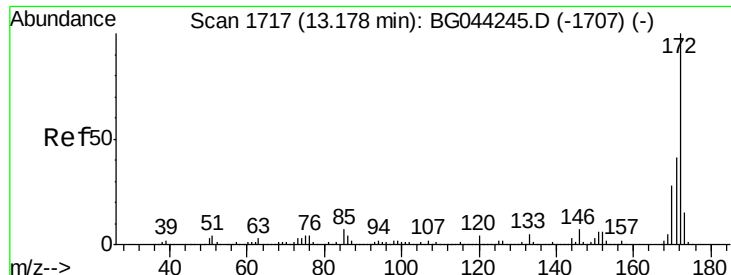
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#42
2,4,6-Tribromophenol
Concen: 117.703 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	35.5	28.3	42.5





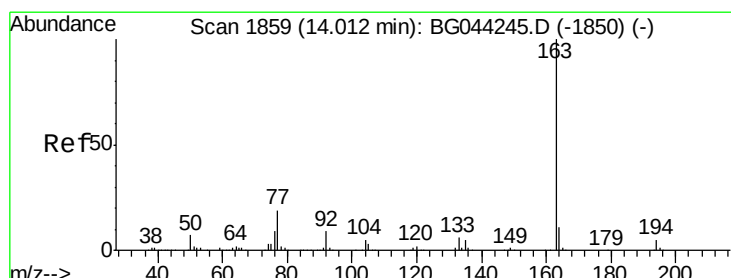
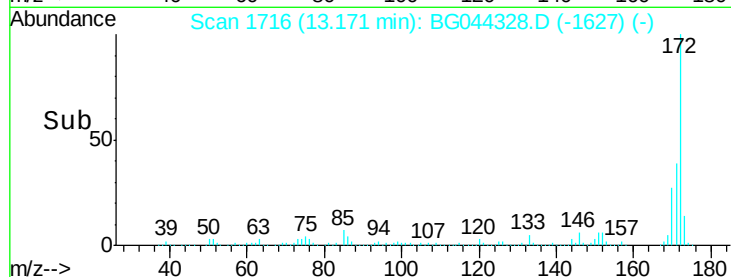
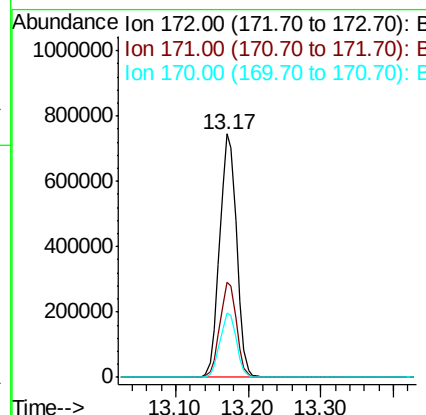
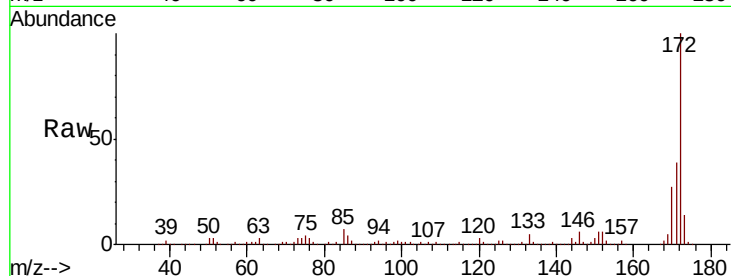
#45
2-Fluorobiphenyl
Concen: 80.029 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.9	49.3
170	26.6	22.0	33.0

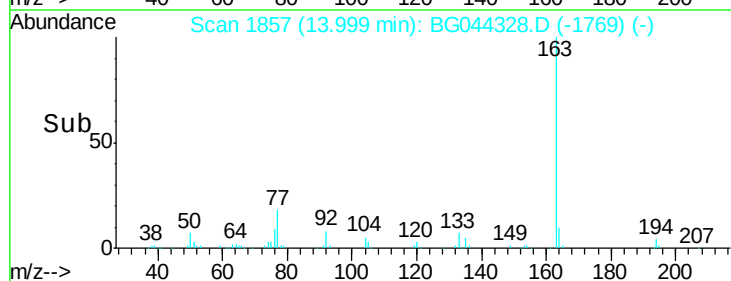
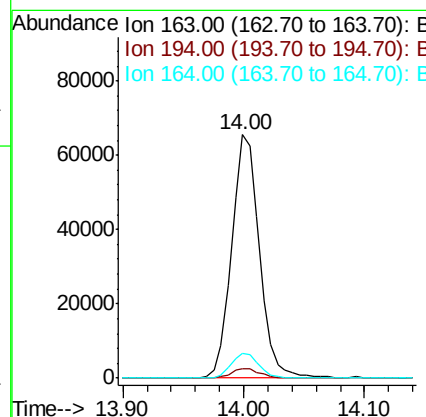
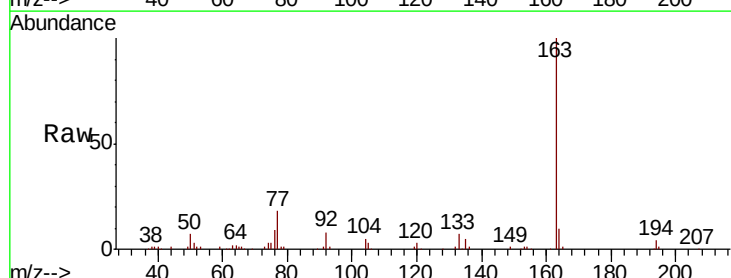
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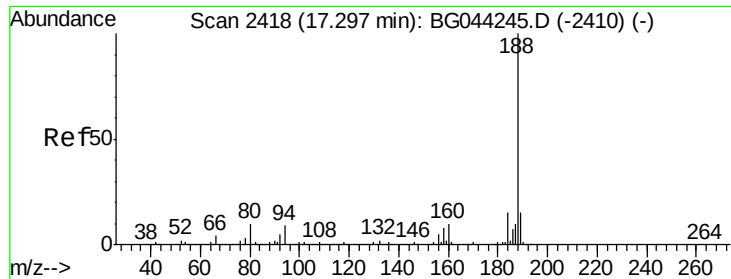
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#50
Dimethylphthalate
Concen: 5.751 ng
RT: 14.00 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	10.0	8.7	13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044328.D

Acq: 6 Feb 2020 18:34

Instrument :

BNA_G

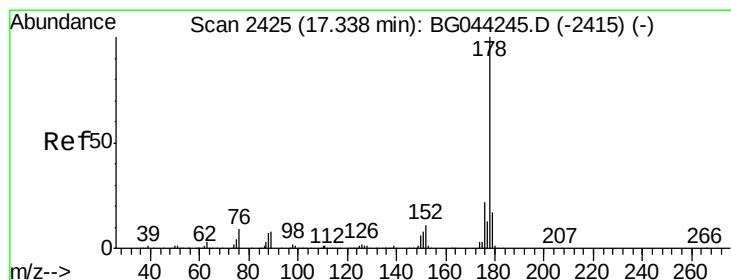
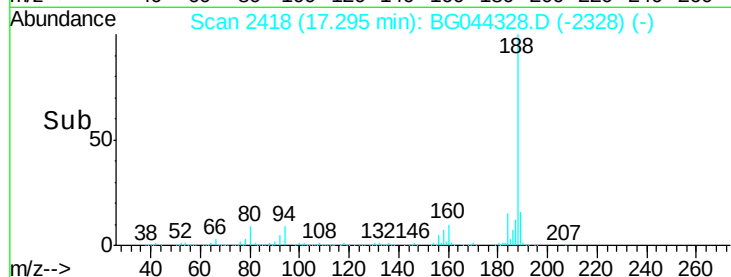
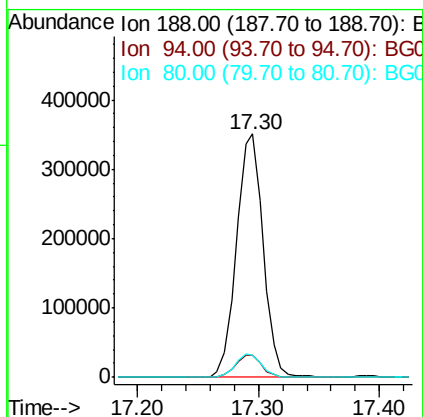
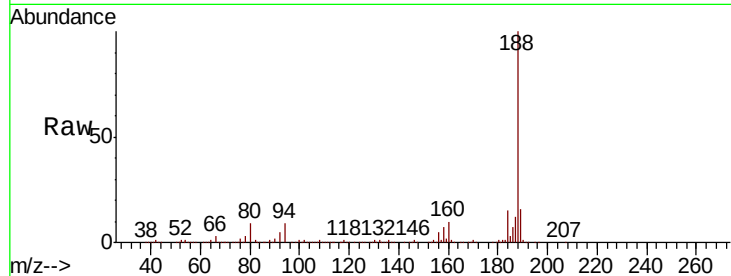
ClientSampleId :

SHORE-RD-PATH-BH-01-B

Tot Ion:	188	Resp:	541528
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.4	11.2
80	9.3	7.7	11.5

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#71

Phenanthrene

Concen: 5.878 ng

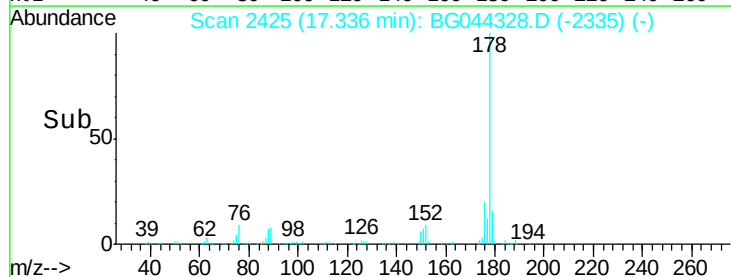
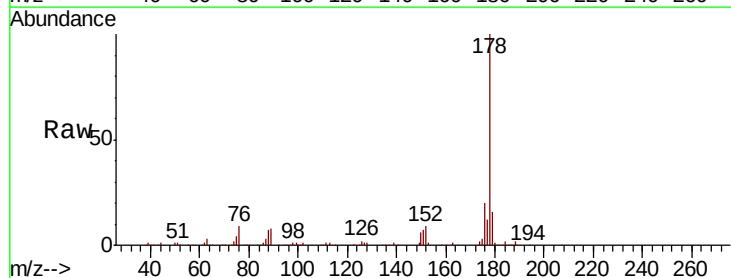
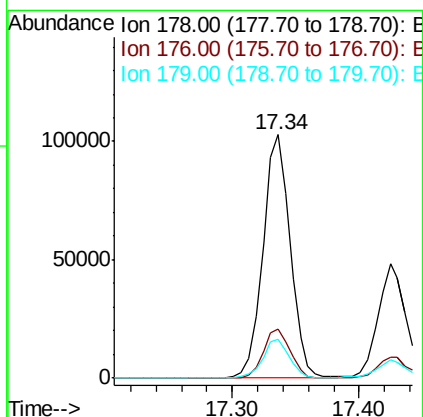
RT: 17.34 min Scan# 2425

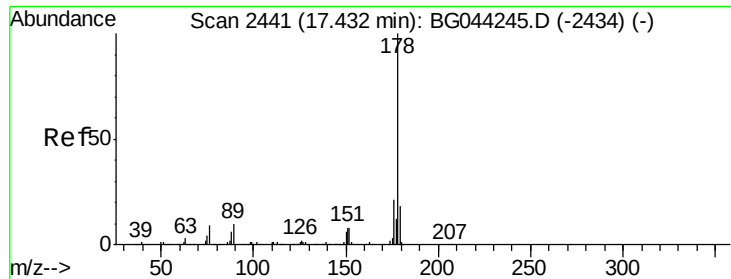
Delta R.T. -0.00 min

Lab File: BG044328.D

Acq: 6 Feb 2020 18:34

Tgt Ion:	178	Resp:	154149
Ion Ratio	Lower	Upper	
178	100		
176	19.9	17.7	26.5
179	16.2	13.7	20.5





#72

Anthracene

Concen: 2.762 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044328.D

Acq: 6 Feb 2020 18:34

Instrument :

BNA_G

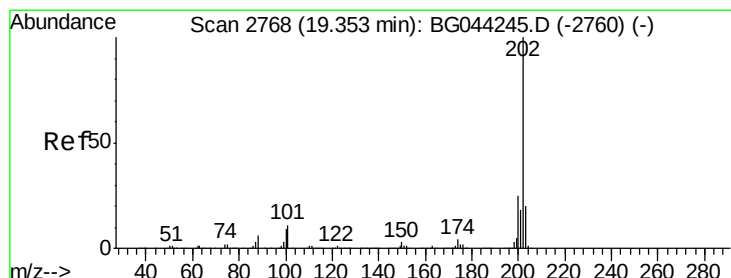
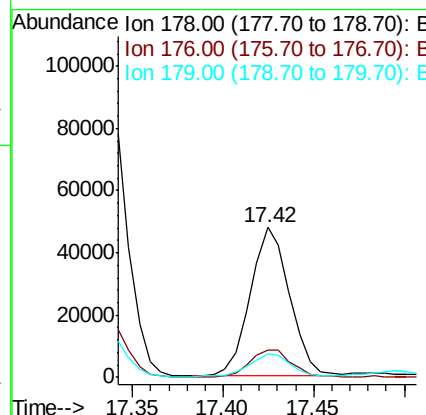
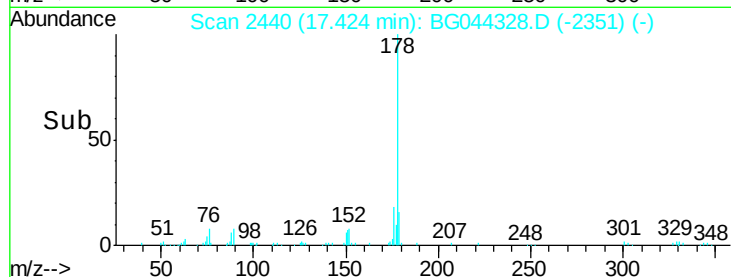
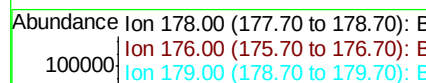
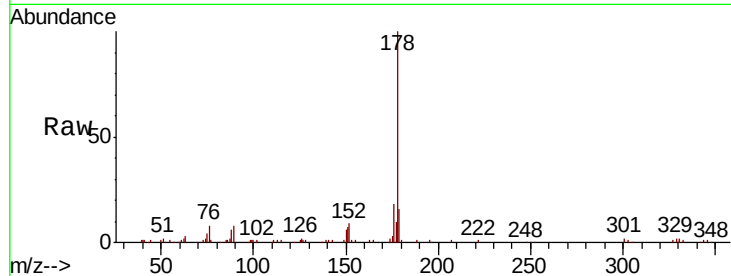
ClientSampleId :

SHORE-RD-PATH-BH-01-B

Tot Ion:	178	Resp:	71596
Ion Ratio	Lower	Upper	
178	100		
176	18.2	17.0	25.4
179	15.6	14.4	21.6

Manual Integrations
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#75

Fluoranthene

Concen: 14.260 ng

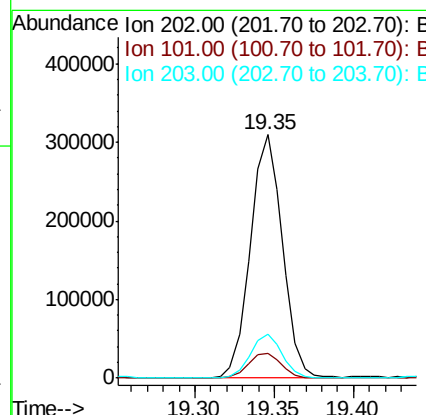
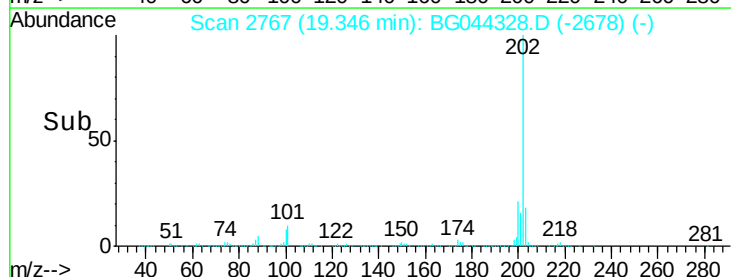
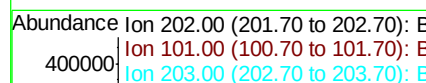
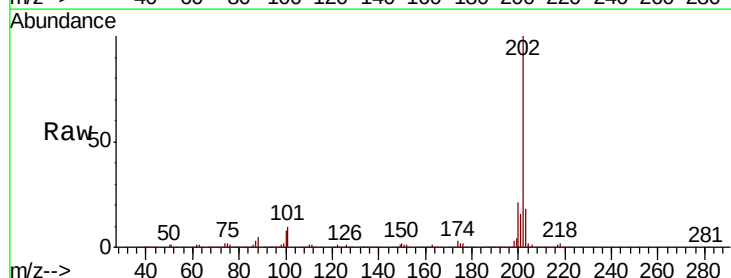
RT: 19.35 min Scan# 2767

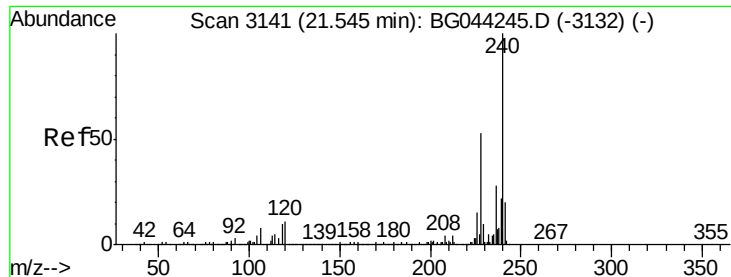
Delta R.T. -0.01 min

Lab File: BG044328.D

Acq: 6 Feb 2020 18:34

Tgt Ion:	202	Resp:	432587
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.3
203	18.2	0.0	39.9





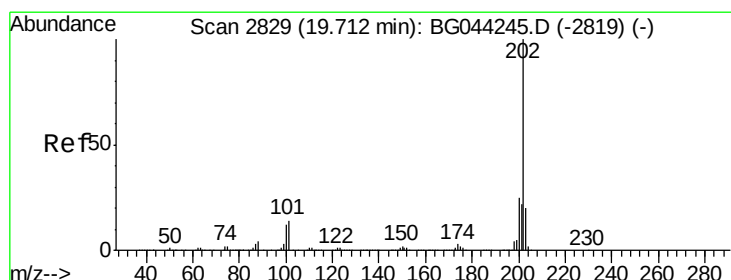
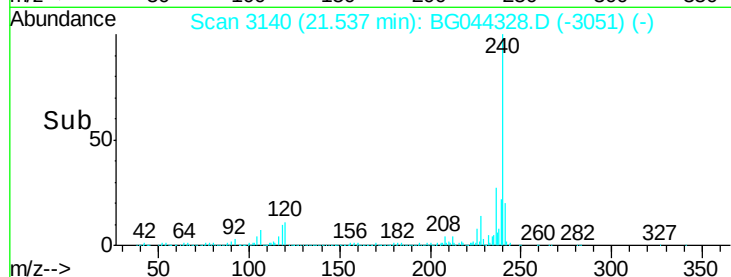
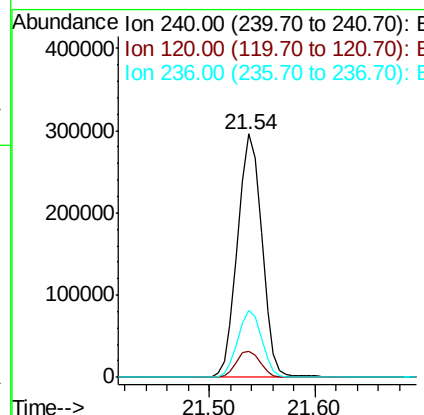
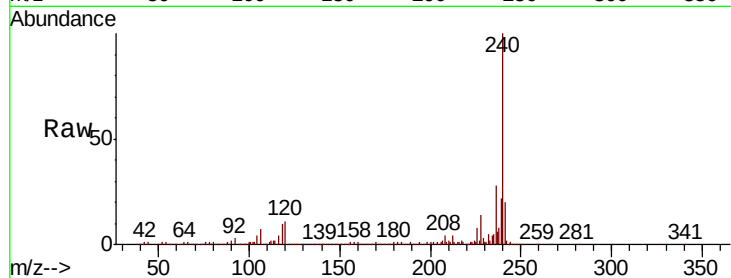
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	27.6	22.1	33.1

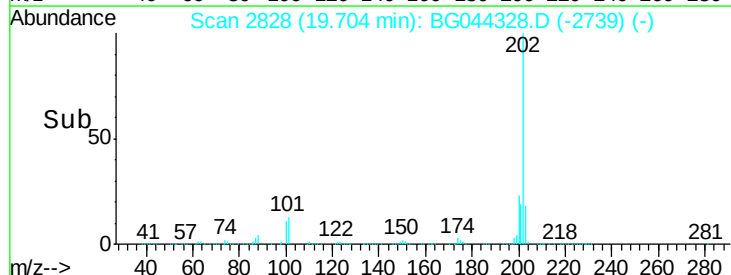
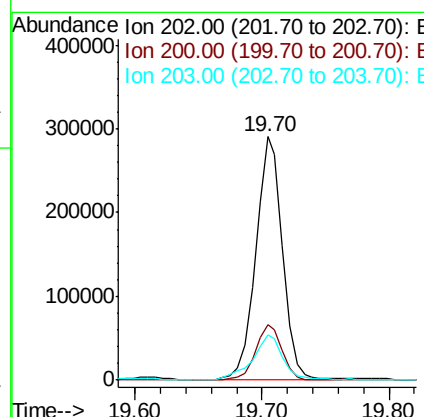
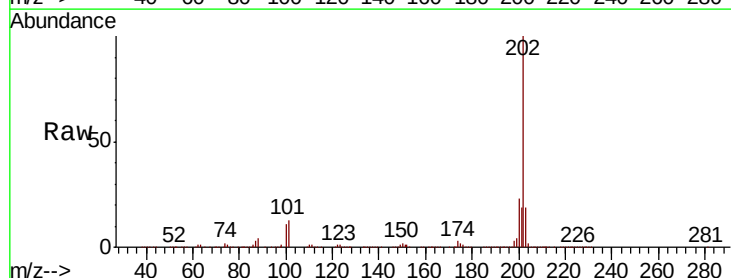
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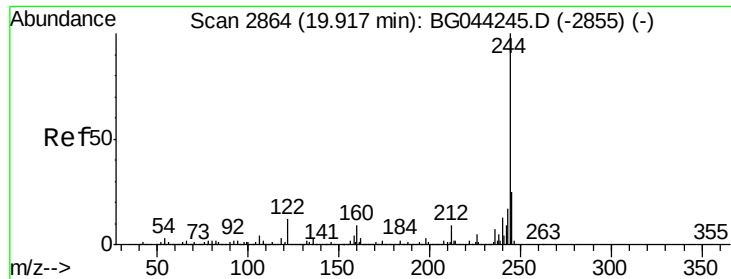
mohammad
2/10/2020 8:17:03 AM



#78
Pyrene
Concen: 13.994 ng
RT: 19.70 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	20.0	30.0
203	18.6	16.2	24.2





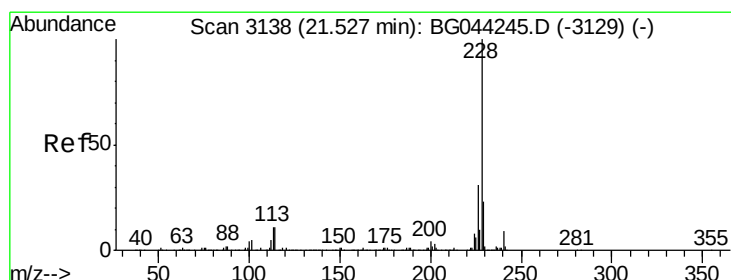
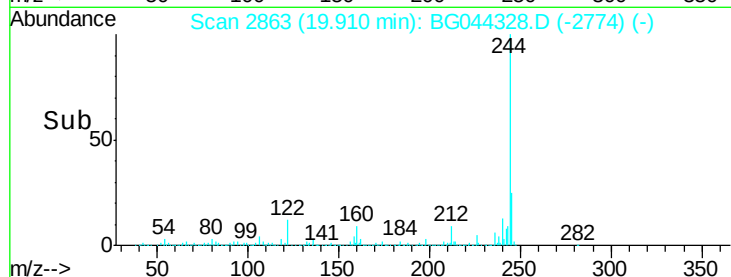
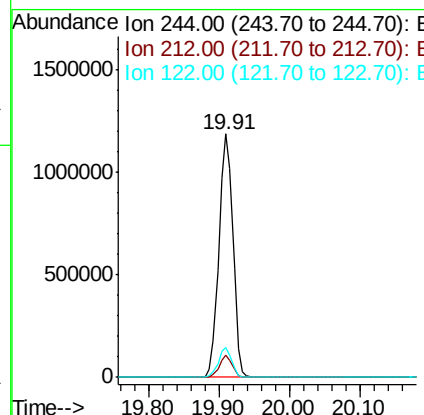
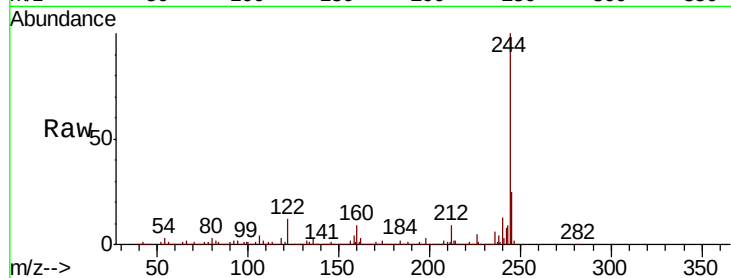
#79
 Terphenyl-d14
 Concen: 71.709 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044328.D
 Acq: 6 Feb 2020 18:34

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.4	11.2
122	12.2	9.8	14.6

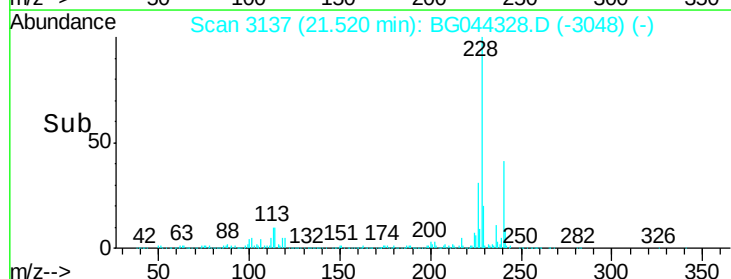
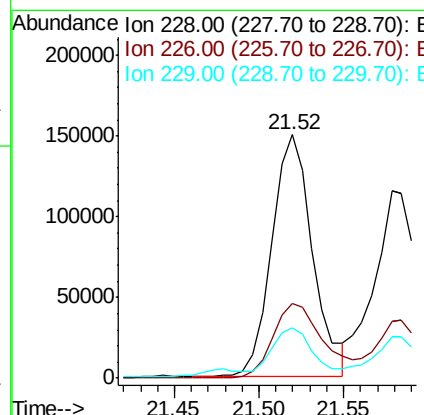
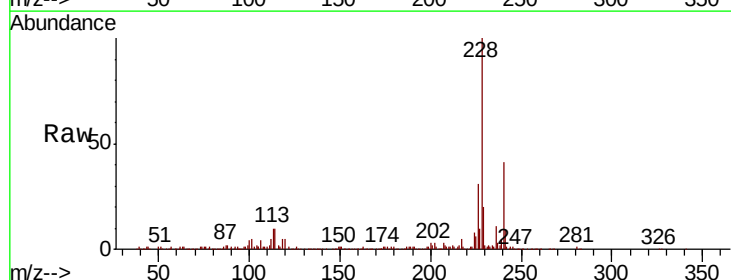
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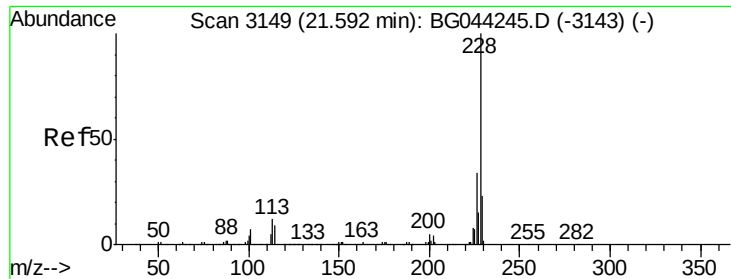
mohammad
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#81
 Benzo(a)anthracene
 Concen: 8.663 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG044328.D
 Acq: 6 Feb 2020 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	20.5	18.2	27.4





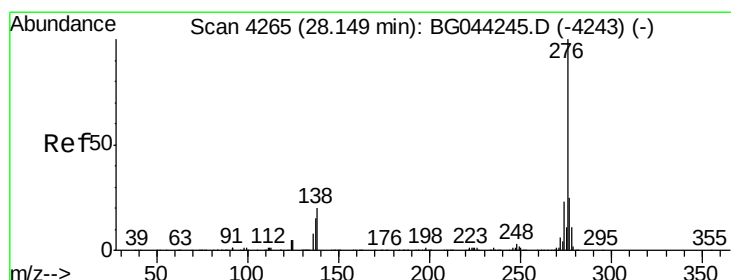
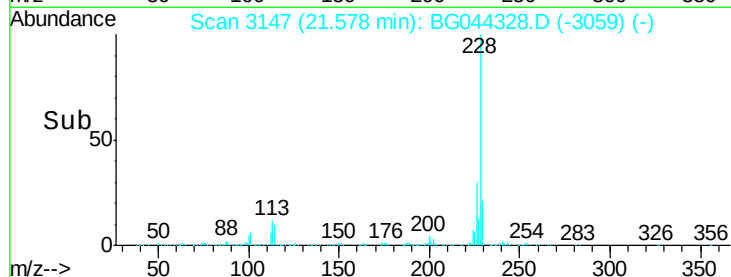
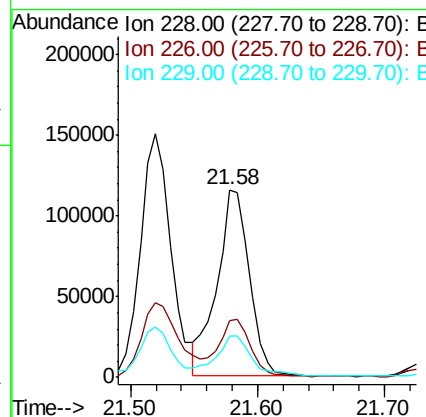
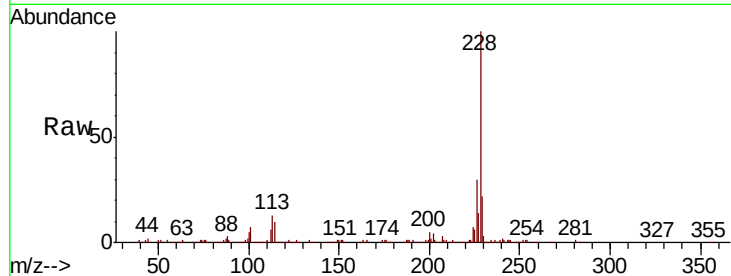
#83
Chrysene
Concen: 7.325 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	27.1	40.7
229	21.9	17.9	26.9

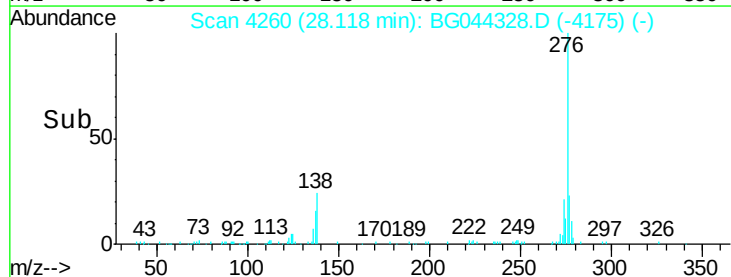
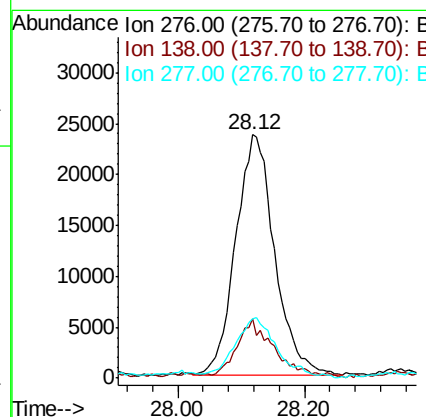
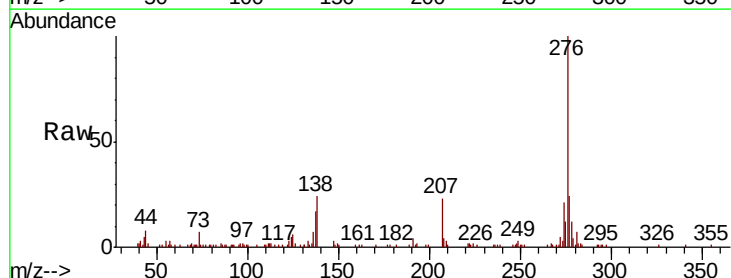
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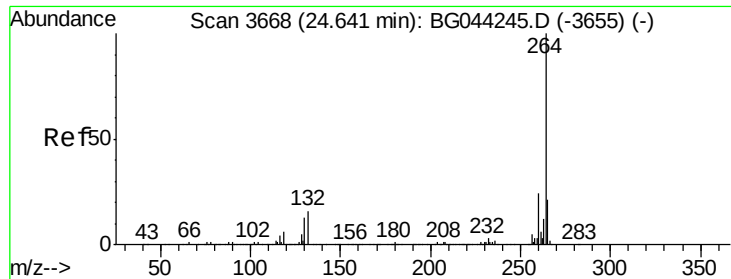
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.728 ng
RT: 28.12 min Scan# 4260
Delta R.T. -0.03 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.4	29.0
277	24.0	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044328.D

Acq: 6 Feb 2020 18:34

Instrument :

BNA_G

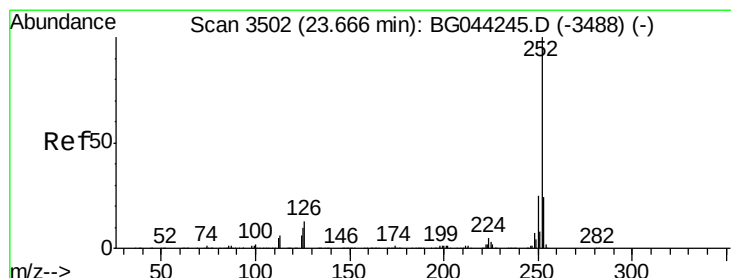
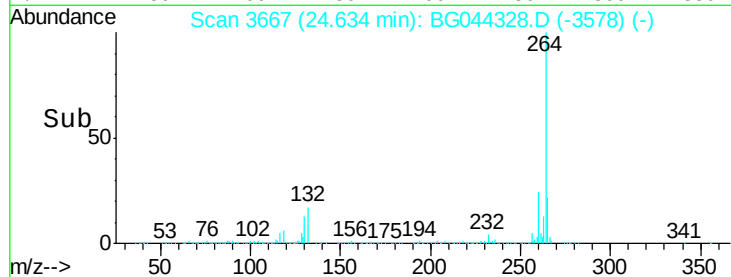
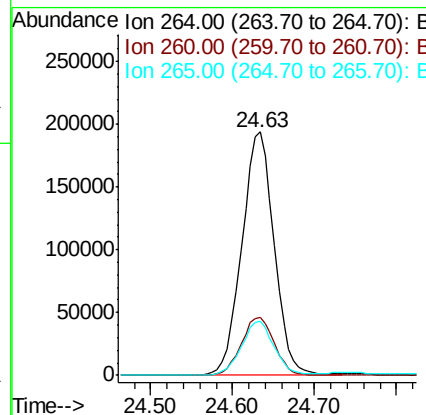
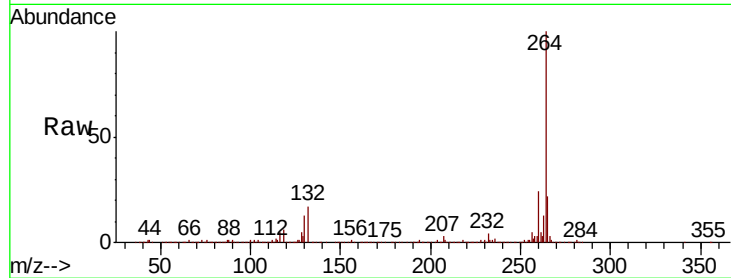
ClientSampleId :

SHORE-RD-PATH-BH-01-B

Tot Ion:	264	Resp:	533056
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.2
265	22.3	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 7.743 ng

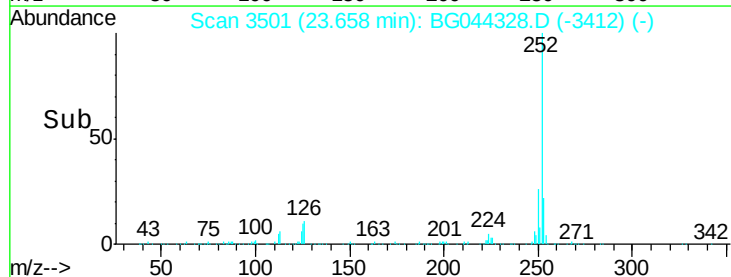
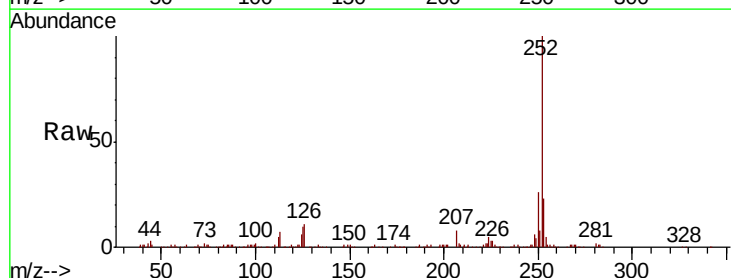
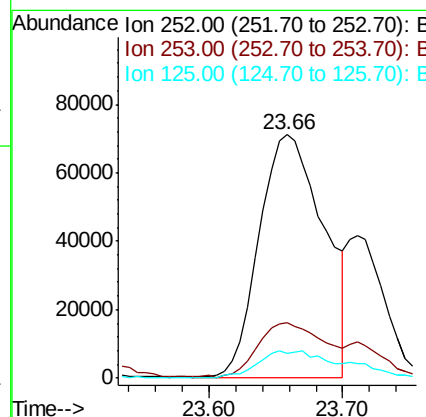
RT: 23.66 min Scan# 3501

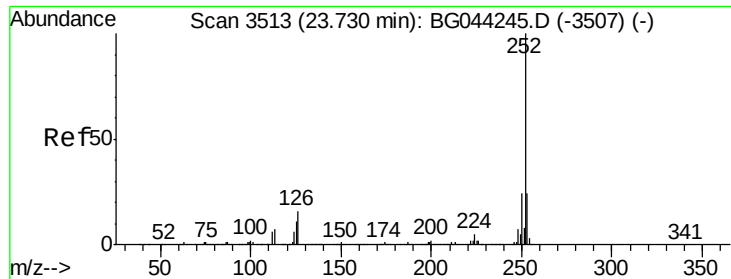
Delta R.T. -0.01 min

Lab File: BG044328.D

Acq: 6 Feb 2020 18:34

Tgt Ion:	252	Resp:	237836
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.2	28.8
125	10.1	8.4	12.6





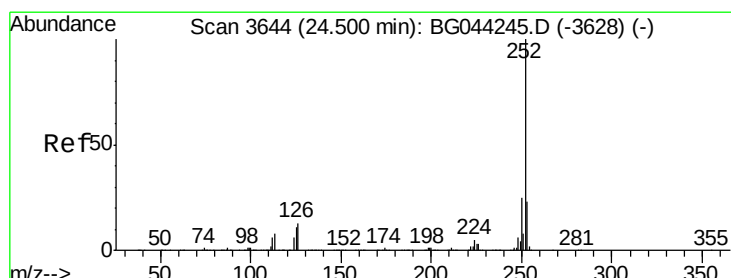
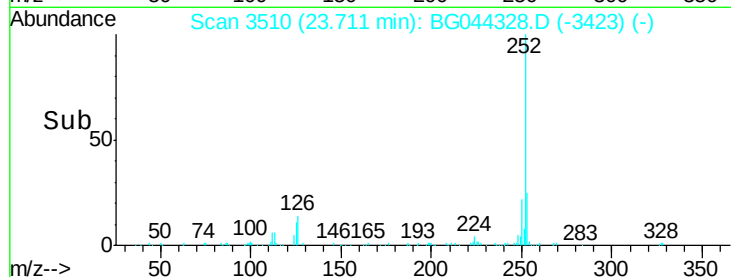
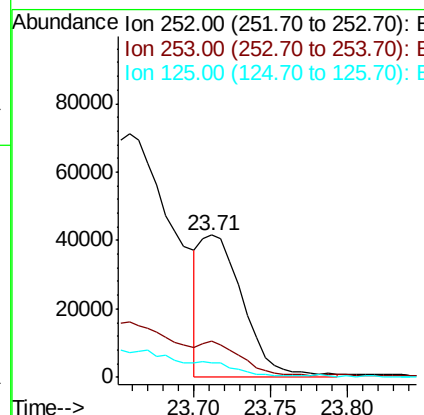
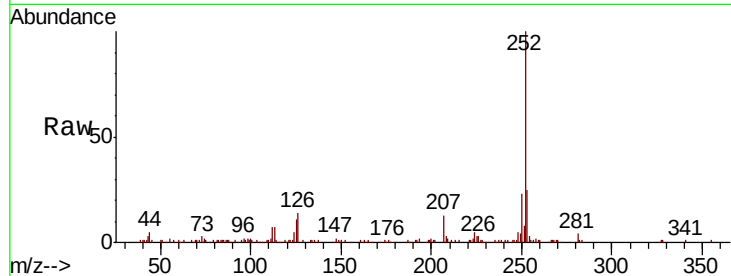
#89
Benzo(k)fluoranthene
Concen: 2.739 ng m
RT: 23.71 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.1	28.7
125	10.5	8.6	12.8

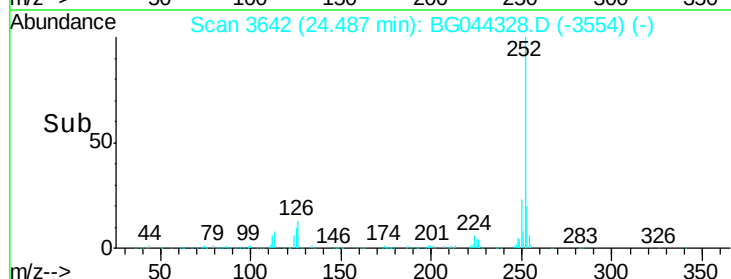
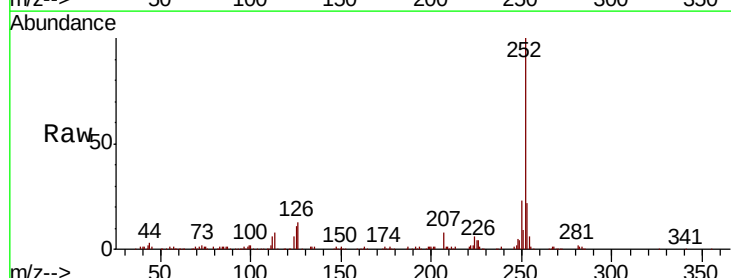
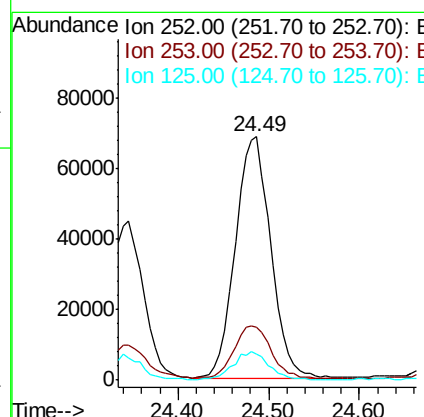
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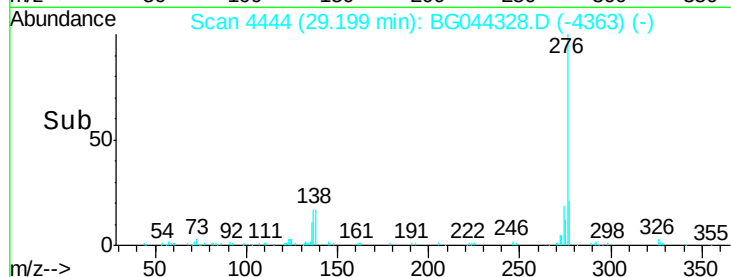
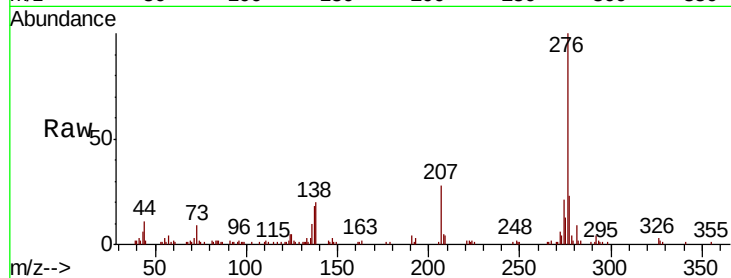
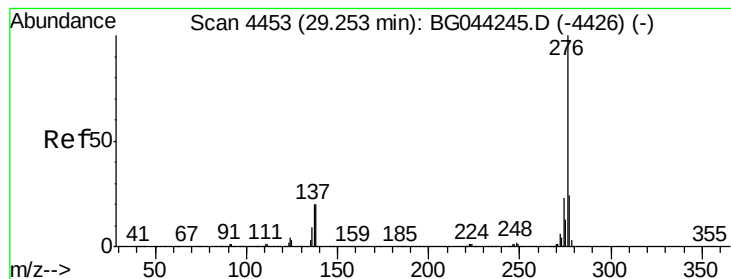
mohammad
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#90
Benzo(a)pyrene
Concen: 6.411 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044328.D
Acq: 6 Feb 2020 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.6	8.6	13.0





#92

Benzo(a,h,i)perylene

Concen: 3.285 ng

RT: 29.20 min Scan# 4444

Delta R.T. -0.05 min

Lab File: BG044328.D

Acq: 6 Feb 2020 18:34

Tot Ion:	276	Resp:	94528
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.8	28.2
138	20.0	16.2	24.2

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-B

Manual Integrations
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