Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SL-01

Quant Time: Nov 25 00:00:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.269	152	123671	20.00	ng		0.00
21) Naphthalene-d8	11.099	136	483138	20.00	ng	#	0.00
39) Acenaphthene-d10	14.893	164	296116	20.00	ng		0.00
64) Phenanthrene-d10	17.628	188	608615	20.00	ng	#	0.00
76) Chrysene-d12	21.663	240	528200	20.00	ng		0.00
86) Perylene-d12	24.139	264	570318	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	97430	13.15	ng		0.00
7) Phenol-d6	7.458	99	125834	11.83	ng		0.00
23) Nitrobenzene-d5	9.434	82	74461	7.55	ng		0.00
42) 2,4,6-Tribromophenol	16.381	330	40192	10.85	ng		0.00
45) 2-Fluorobiphenyl	13.510	172	156591	7.39	ng		0.00
79) Terphenyl-d14	20.122	244	185644	6.79	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.381	77	546	Below Cal		#	63
32) Benzoic acid	10.457	122	20	8.31	ng	#	1
54) 2,4-Dinitrophenol	14.969	184	31	2.75	ng	#	1
65) 4,6-Dinitro-2-methylph...	16.022	198	33	6.35	ng	#	1
75) Fluoranthene	19.604	202	106127	2.69	ng		98
78) Pyrene	19.951	202	101606	2.83	ng		97
83) Chrysene	21.698	228	89633	2.68	ng	#	96
84) Bis(2-ethylhexyl)phtha...	21.516	149	46844	2.38	ng	#	94
88) Benzo(b)fluoranthene	23.386	252	198191	5.31	ng	#	87
89) Benzo(k)fluoranthene	23.386	252	198191	5.38	ng	#	88
90) Benzo(a)pyrene	24.027	252	78949	2.29	ng	#	73
92) Benzo(g,h,i)perylene	27.492	276	91187	2.75	ng		95

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

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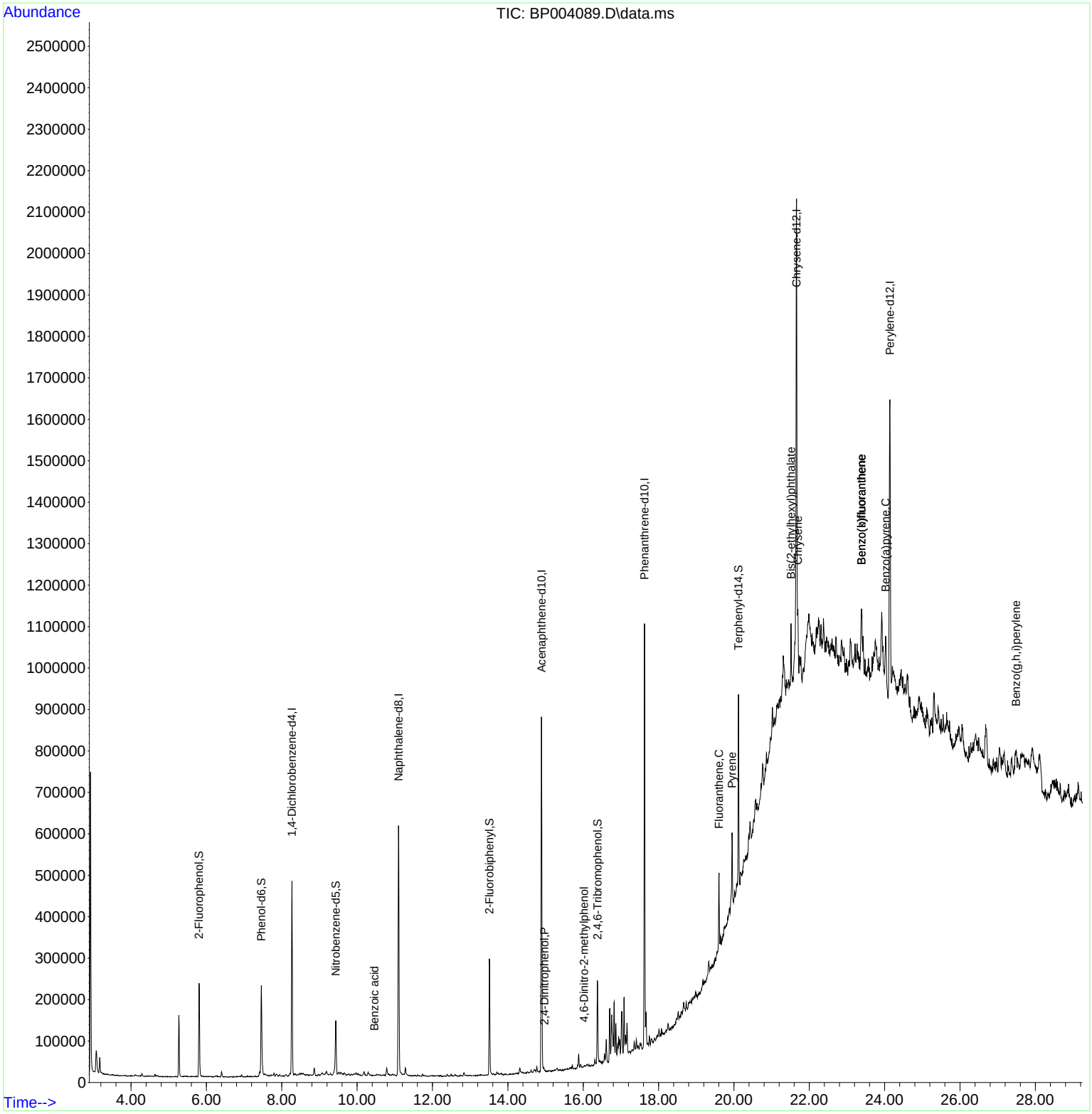
Quant Time: Nov 25 00:00:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration



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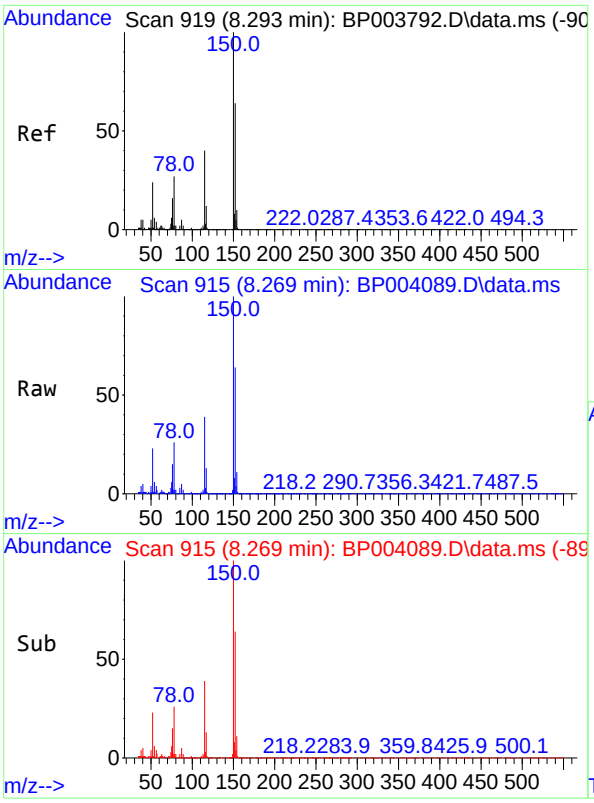
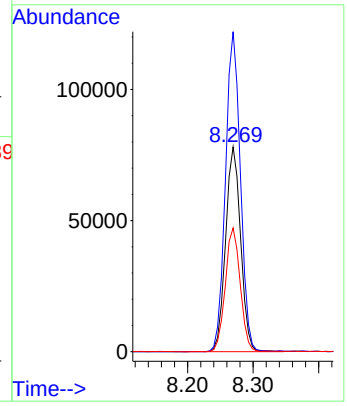
SL-01

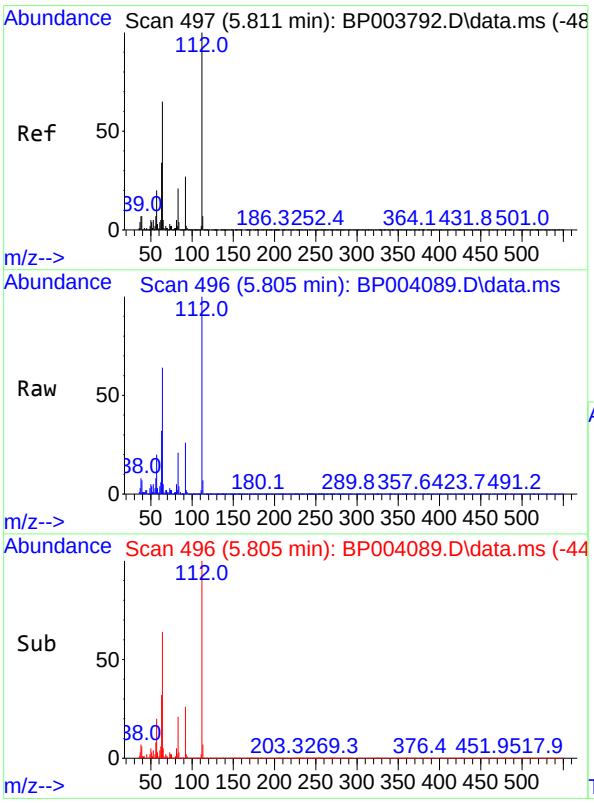


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:152 Resp: 123671

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.6
115	60.4	43.8	65.6

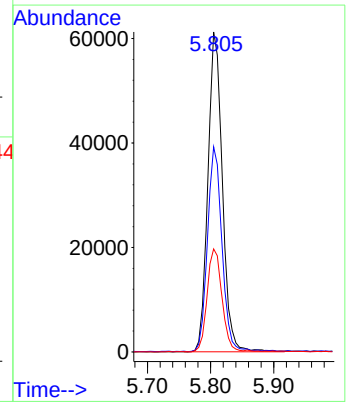




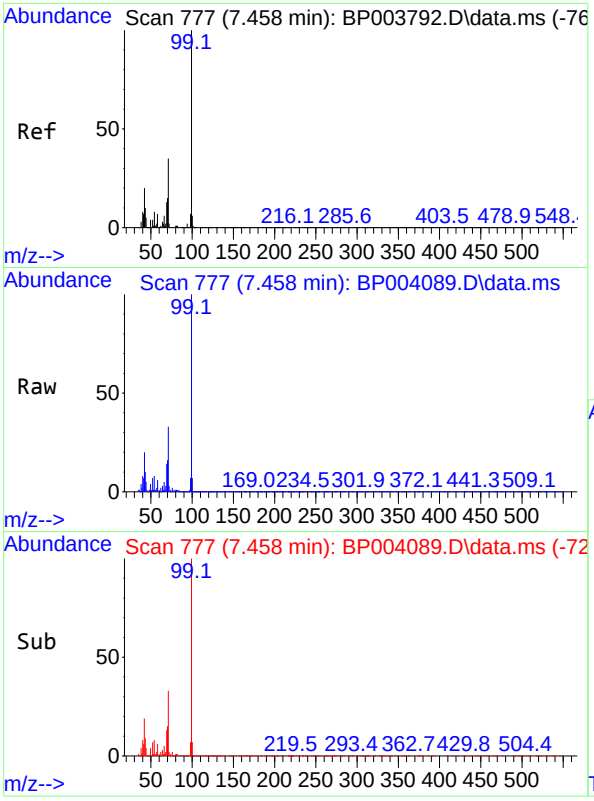
#5
2-Fluorophenol
Concen: 13.15 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:112 Resp: 97430

Ion	Ratio	Lower	Upper
112	100		
64	64.1	32.8	49.2#
63	32.2	17.0	25.4#



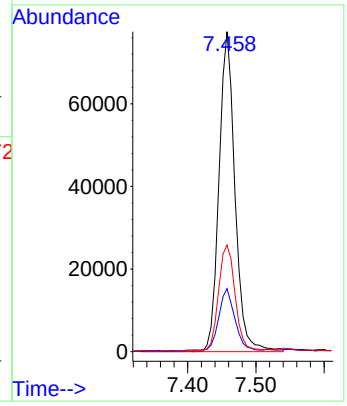
Instrument :
BNA_P
ClientSampleId :
SL-01

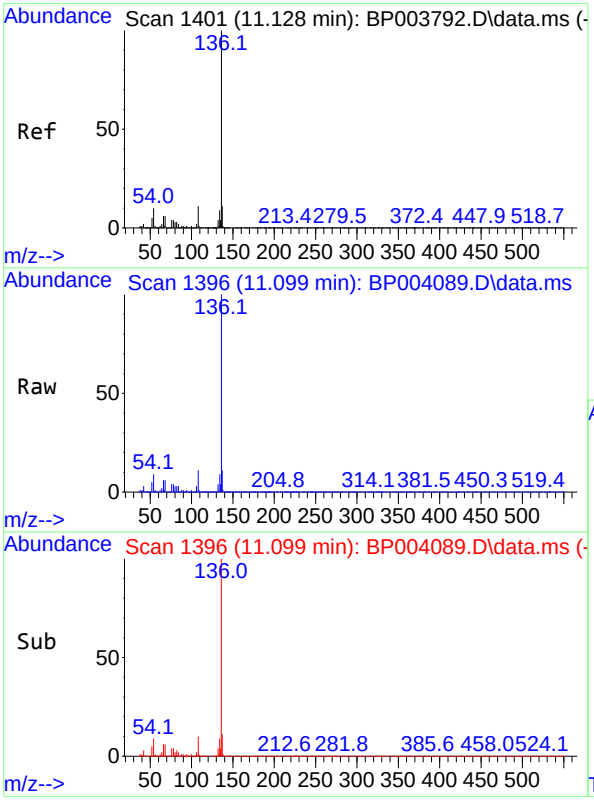


#7
Phenol-d6
Concen: 11.83 ng
RT: 7.458 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion: 99 Resp: 125834

Ion	Ratio	Lower	Upper
99	100		
42	19.7	8.6	13.0#
71	33.3	23.4	35.2

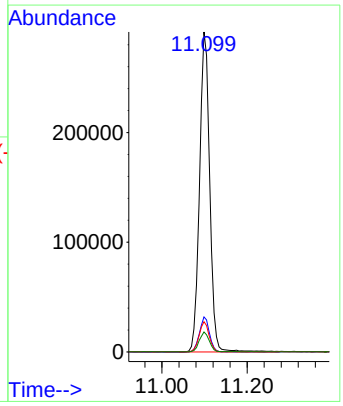


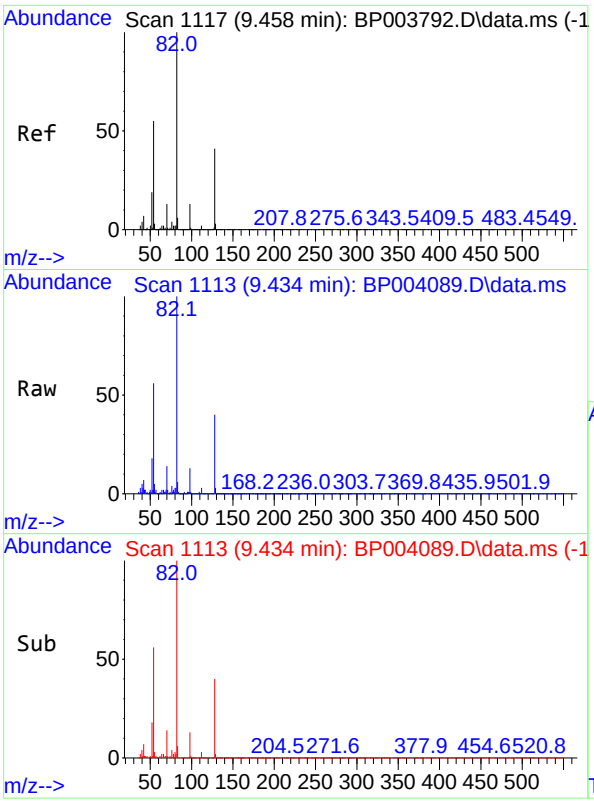


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:136 Resp: 483138

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	3.6	5.4#
68	6.2	3.3	4.9#

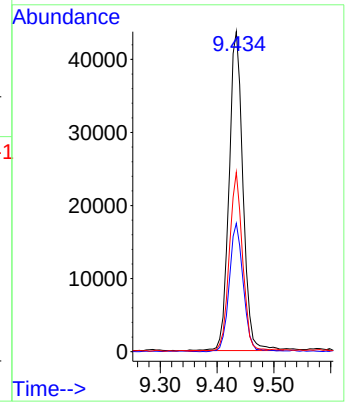




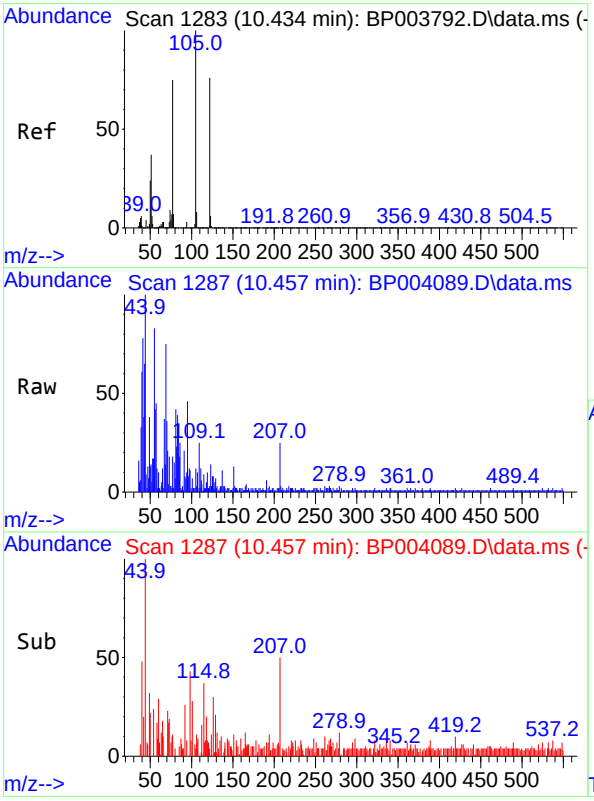
#23
Nitrobenzene-d5
Concen: 7.55 ng
RT: 9.434 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion: 82 Resp: 74461

Ion	Ratio	Lower	Upper
82	100		
128	40.1	45.6	68.4#
54	56.1	30.1	45.1#



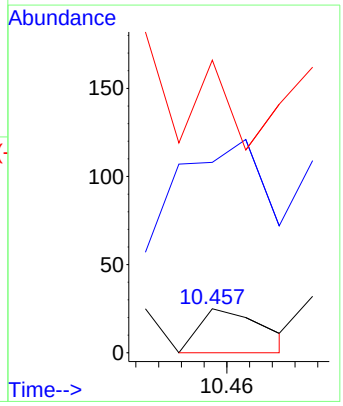
Instrument :
BNA_P
ClientSampleId :
SL-01



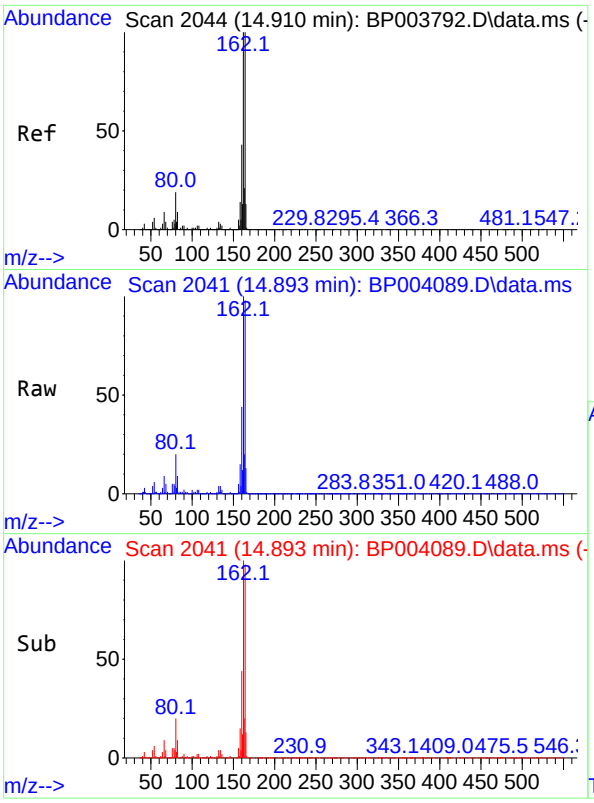
#32
Benzoic acid
Concen: 8.31 ng
RT: 10.457 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:122 Resp: 20

Ion	Ratio	Lower	Upper
122	100		
105	432.0	94.1	134.1#
77	664.0	50.1	90.1#



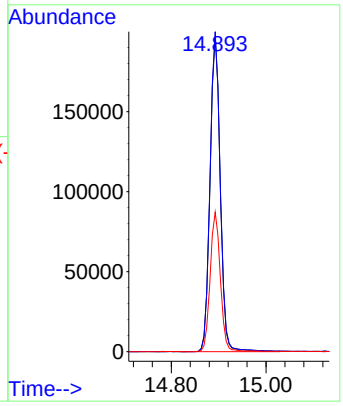
Instrument :
BNA_P
ClientSampleId :
SL-01

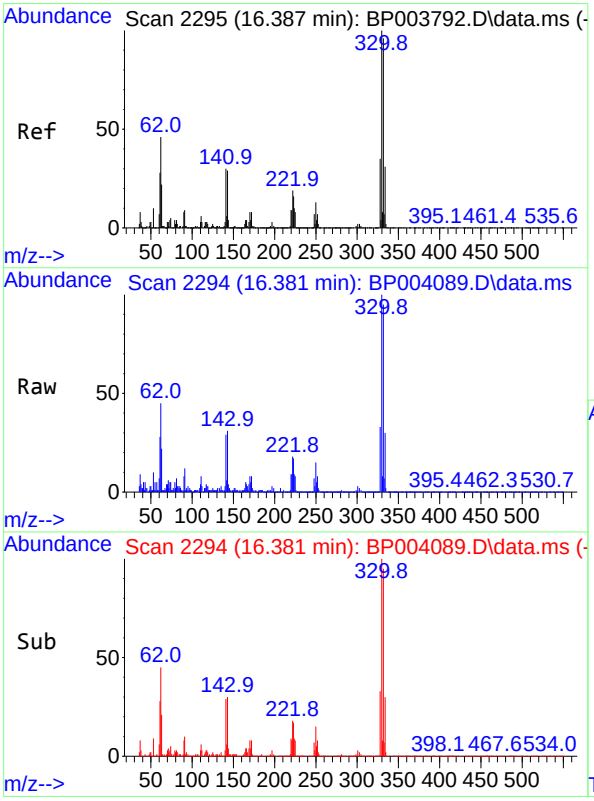


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.893 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:164 Resp: 296116

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.4	119.2
160	44.4	36.1	54.1

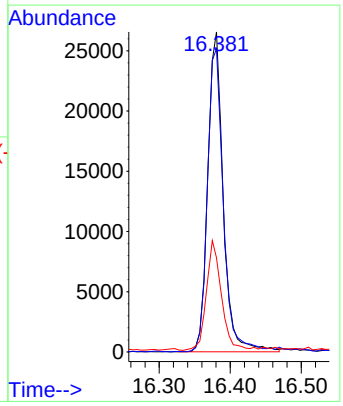




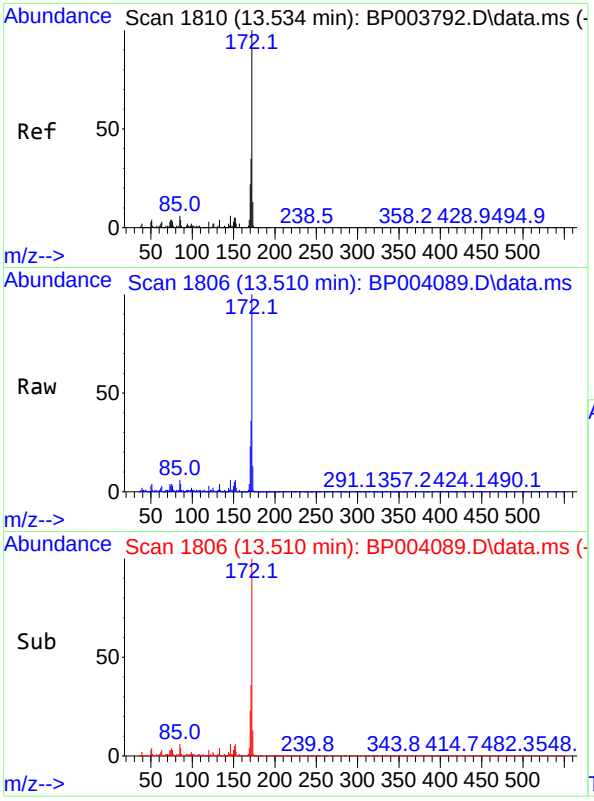
#42
2,4,6-Tribromophenol
Concen: 10.85 ng
RT: 16.381 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:330 Resp: 40192

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	33.2	23.4	35.2



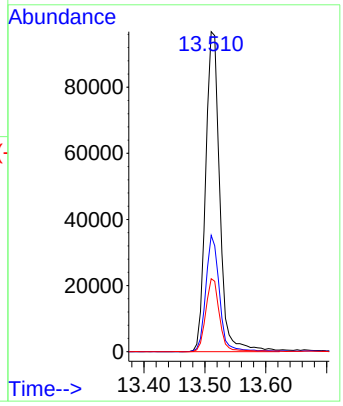
Instrument :
BNA_P
ClientSampleId :
SL-01

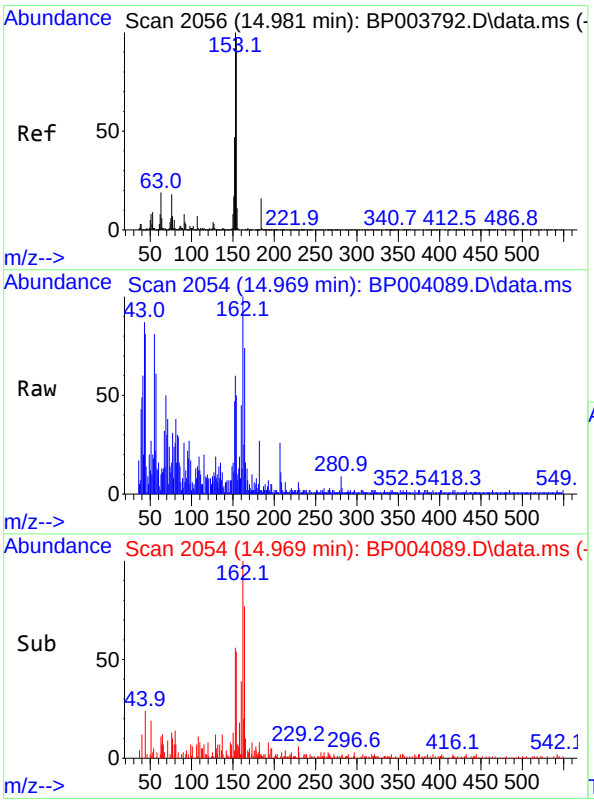


#45
2-Fluorobiphenyl
Concen: 7.39 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:172 Resp: 156591

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	22.8	19.2	28.8

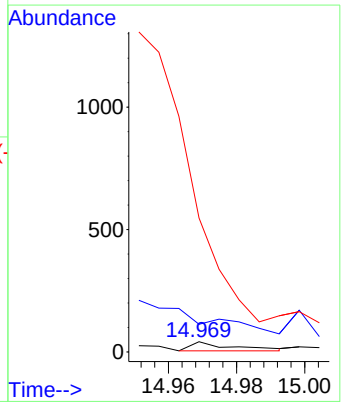




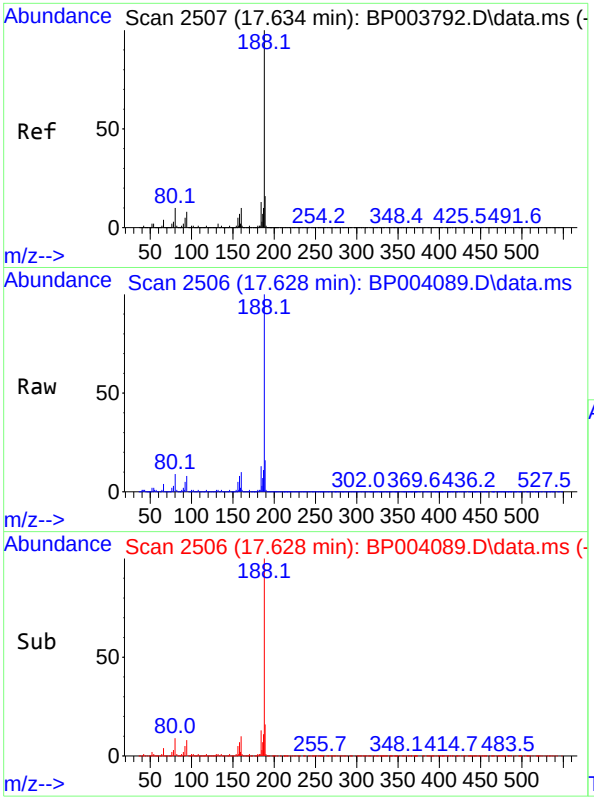
#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.969 min Scan# 2054
Delta R.T. -0.023 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:184 Resp: 31

Ion	Ratio	Lower	Upper
184	100		
63	269.0	32.3	48.5#
154	1302.4	49.1	73.7#



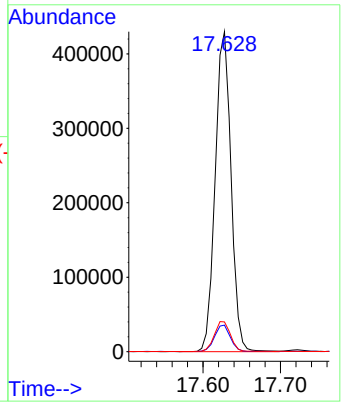
Instrument :
BNA_P
ClientSampleId :
SL-01

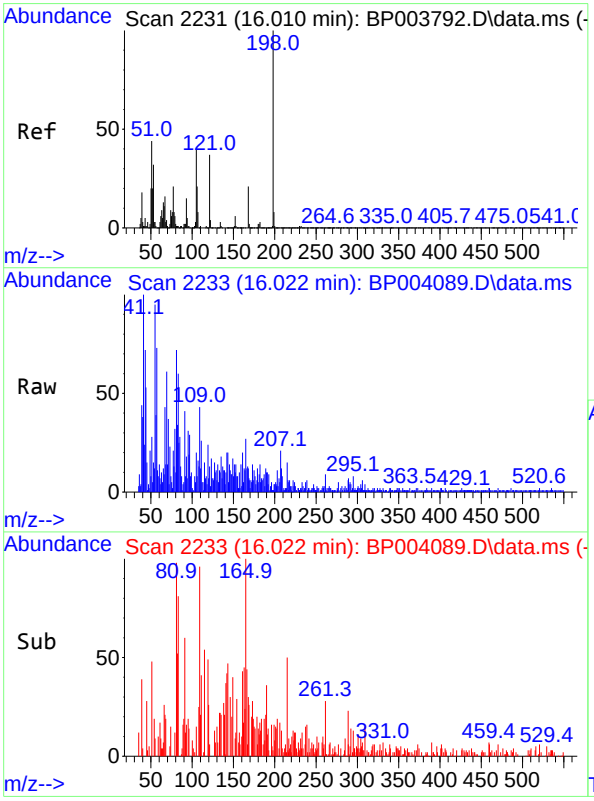


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.628 min Scan# 2506
Delta R.T. 0.006 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:188 Resp: 608615

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.2	9.2
80	9.3	6.2	9.2#

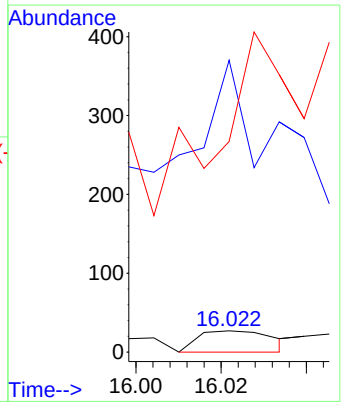




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.022 min Scan# 2233
Delta R.T. 0.006 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:198 Resp: 33

Ion	Ratio	Lower	Upper
198	100		
51	1370.4	6.4	46.4#
105	988.9	18.9	58.9#



Instrument :
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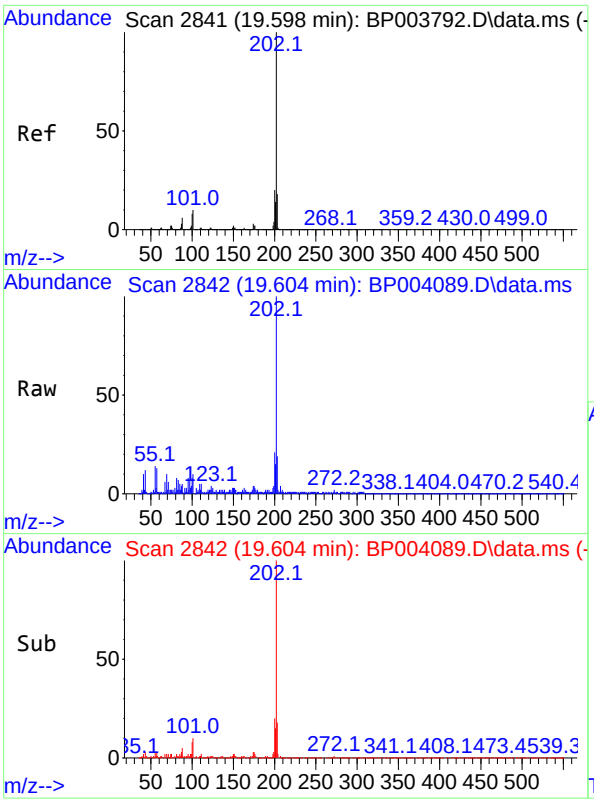
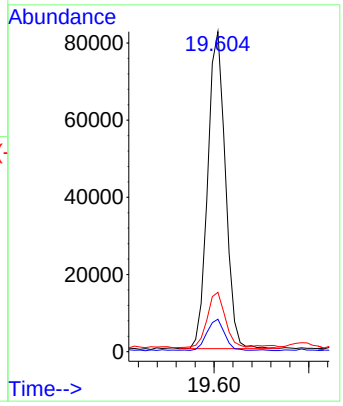
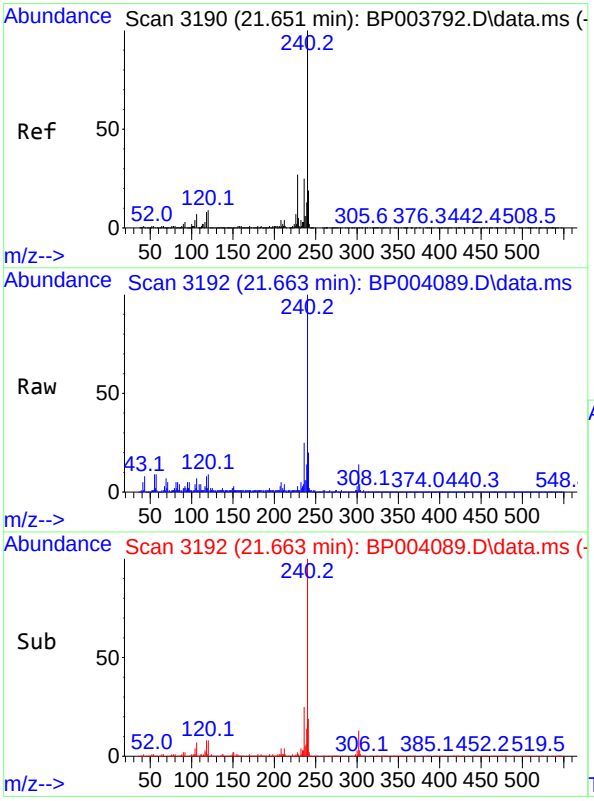


#75
Fluoranthene
Concen: 2.69 ng
RT: 19.604 min Scan# 2842
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:202 Resp: 106127

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.4
203	18.5	0.0	37.8

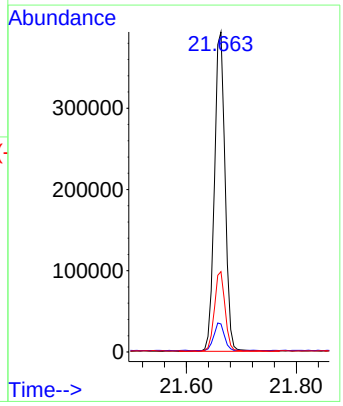




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:240 Resp: 528200

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.8	11.6
236	25.1	20.8	31.2



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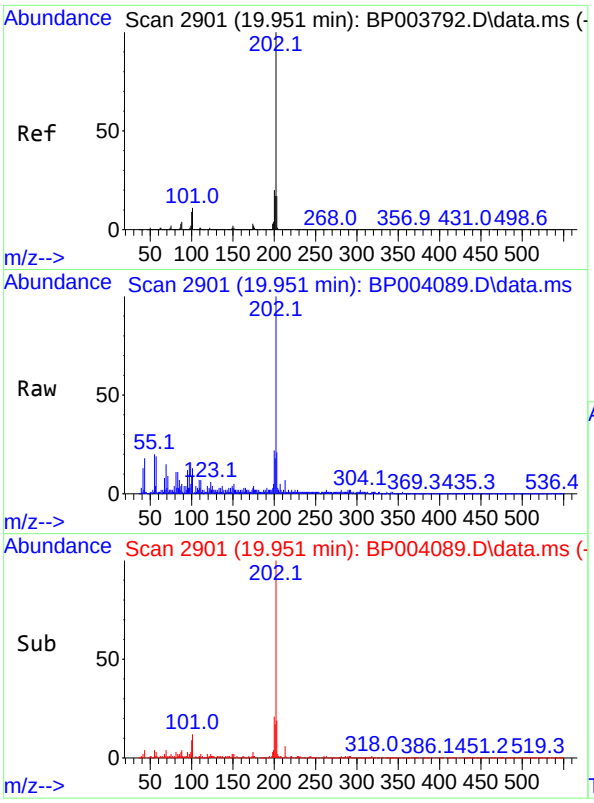
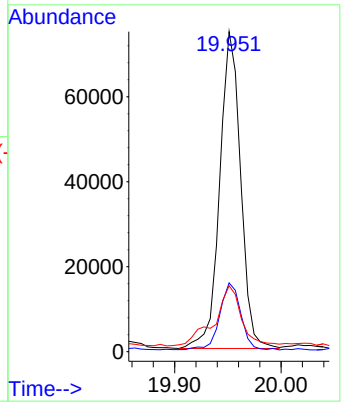
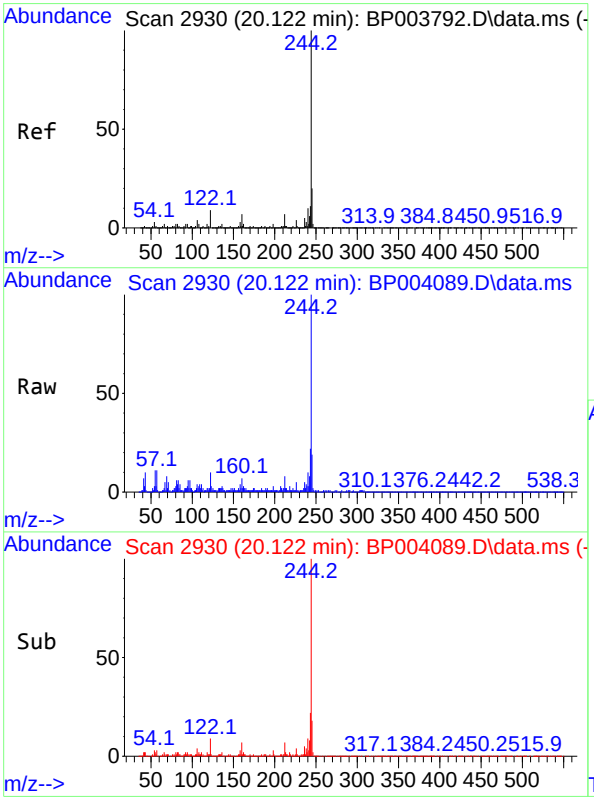


#78
Pyrene
Concen: 2.83 ng
RT: 19.951 min Scan# 2901
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:202 Resp: 101606

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	20.6	14.2	21.2

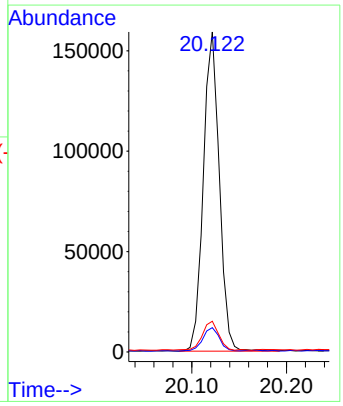




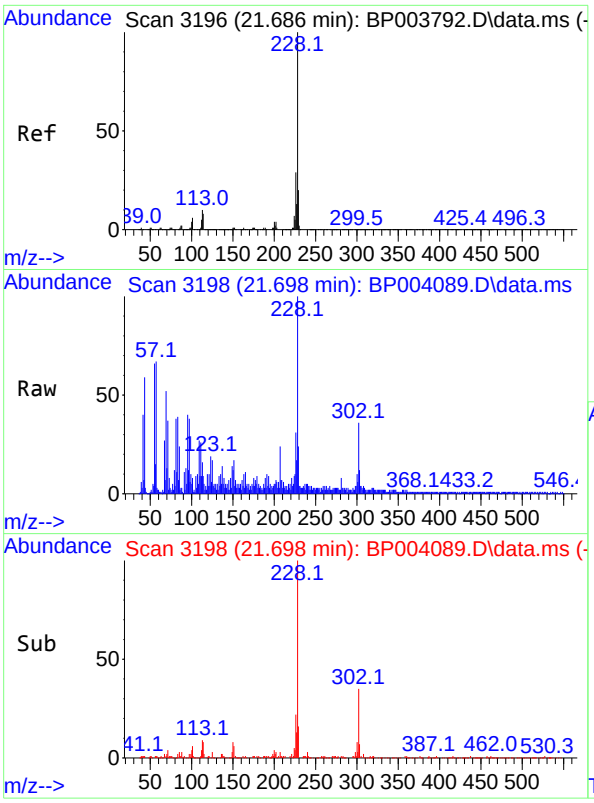
#79
Terphenyl-d14
Concen: 6.79 ng
RT: 20.122 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:244 Resp: 185644

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.6	7.8	11.8



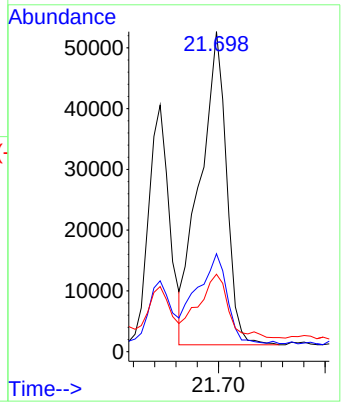
Instrument :
BNA_P
ClientSampleId :
SL-01

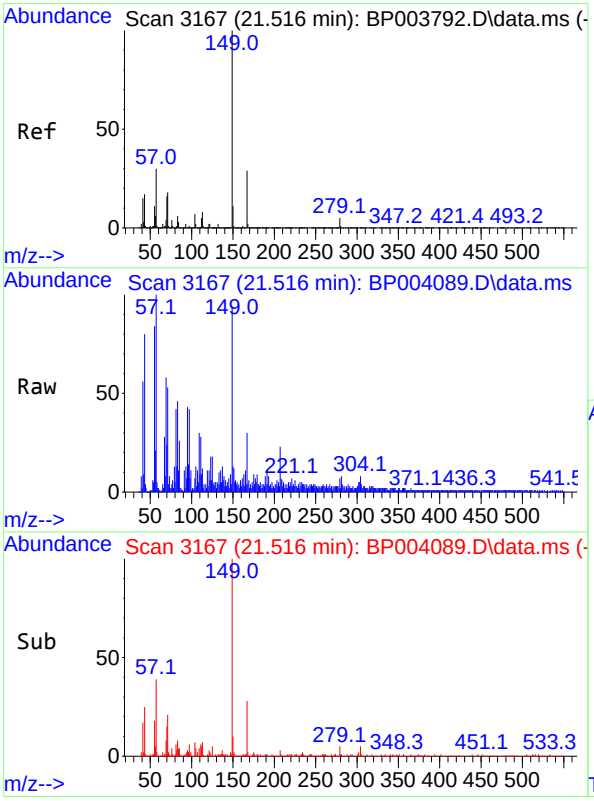


#83
Chrysene
Concen: 2.68 ng
RT: 21.698 min Scan# 3198
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:228 Resp: 89633

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	24.2	15.8	23.6#

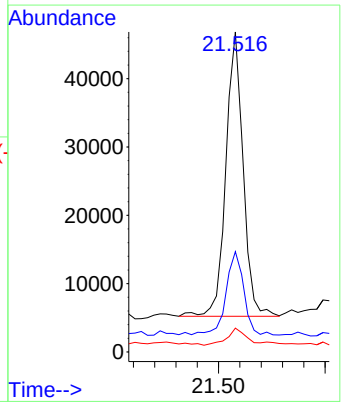


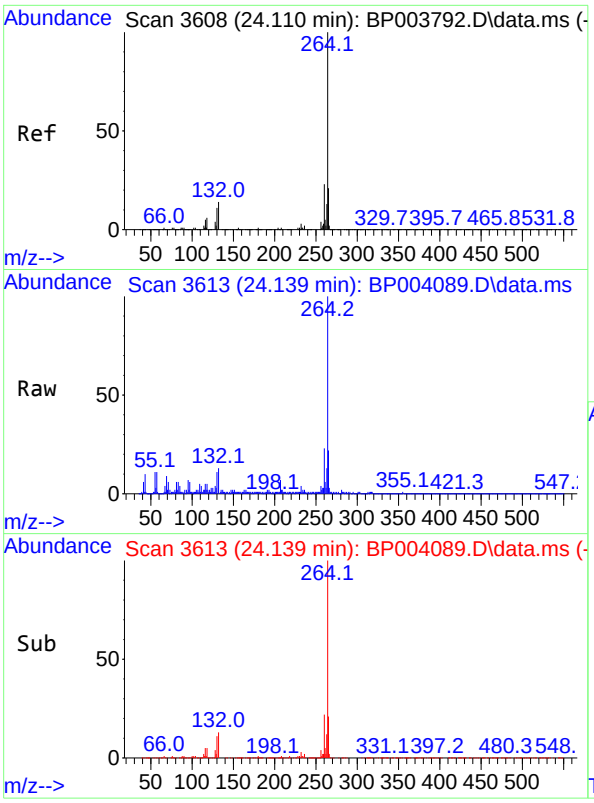


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.38 ng
RT: 21.516 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:149 Resp: 46844

Ion	Ratio	Lower	Upper
149	100		
167	31.3	22.6	34.0
279	7.4	4.2	6.2#

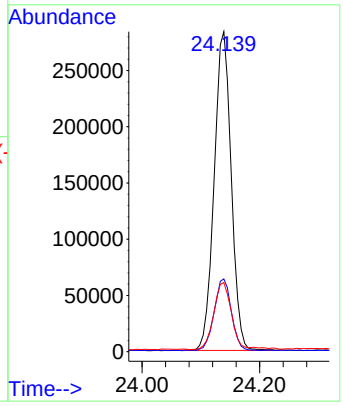




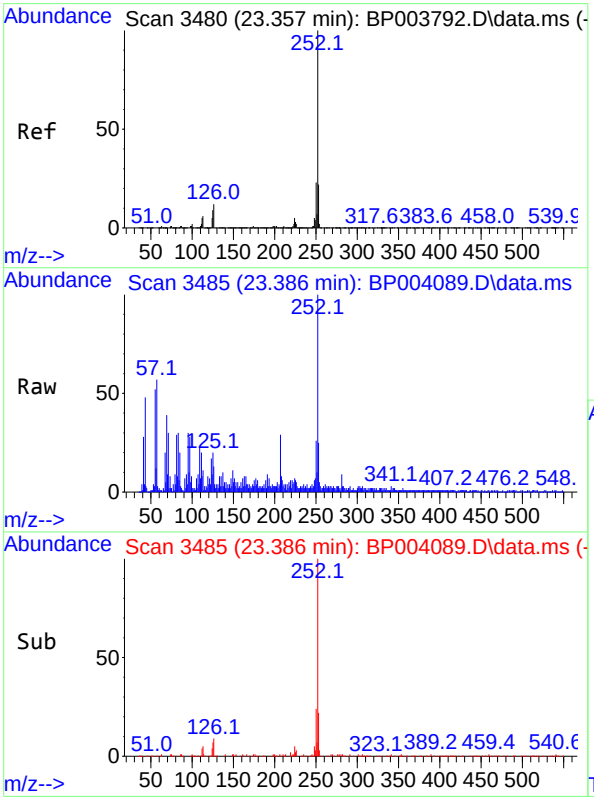
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. 0.012 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:264 Resp: 570318

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.6	17.4	26.2



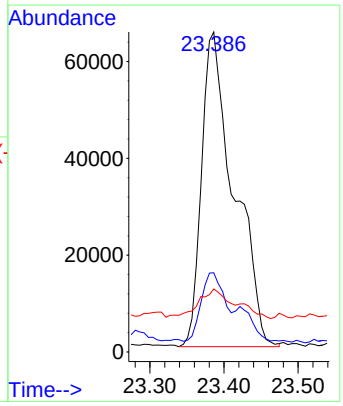
Instrument :
BNA_P
ClientSampleId :
SL-01



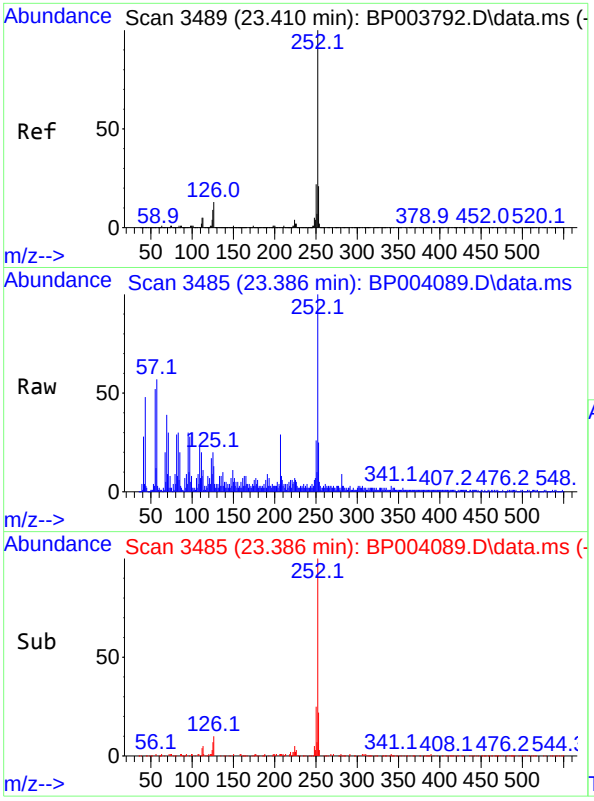
#88
Benzo(b)fluoranthene
Concen: 5.31 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:252 Resp: 198191

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	19.7	7.3	10.9#



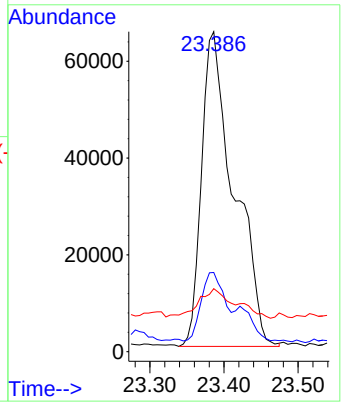
Instrument :
BNA_P
ClientSampleId :
SL-01

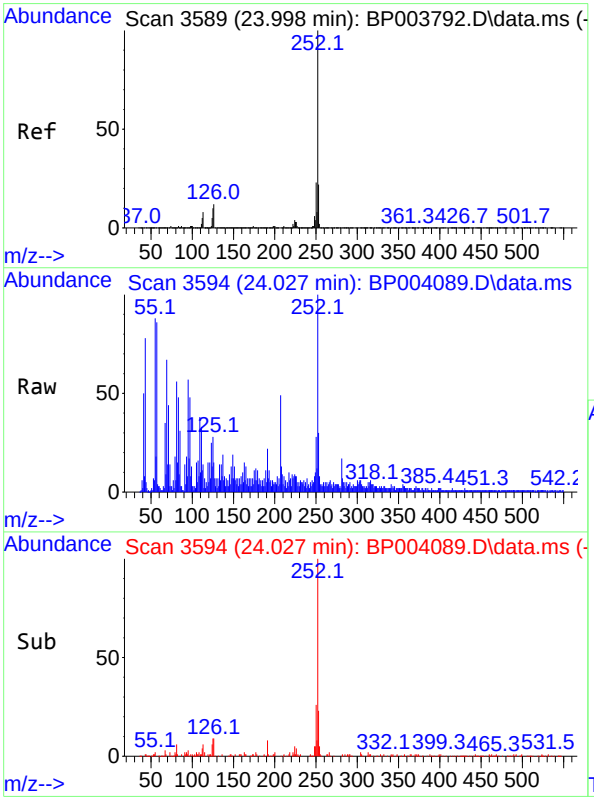


#89
Benzo(k)fluoranthene
Concen: 5.38 ng
RT: 23.386 min Scan# 3485
Delta R.T. -0.041 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:252 Resp: 198191

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	19.7	7.4	11.2#

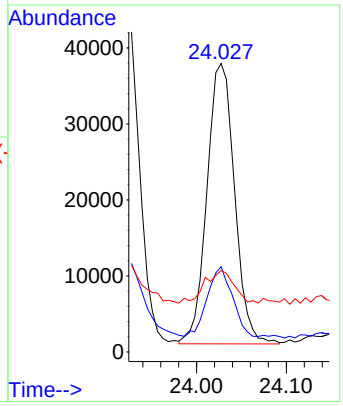


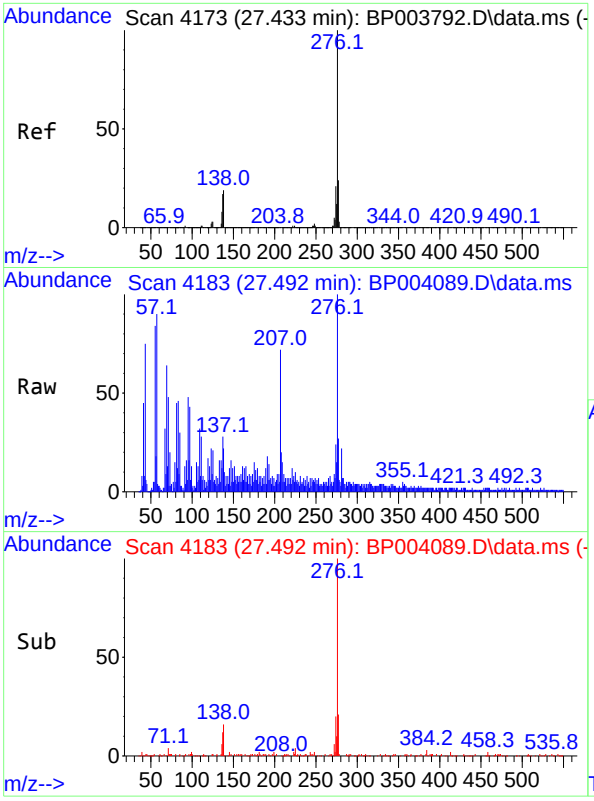


#90
Benzo(a)pyrene
Concen: 2.29 ng
RT: 24.027 min Scan# 3594
Delta R.T. 0.006 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:252 Resp: 78949

Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.4	26.0#
125	28.2	8.2	12.4#

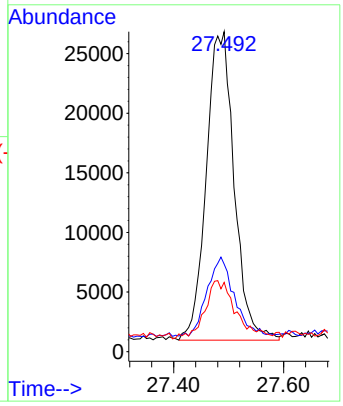




#92
Benzo(g,h,i)perylene
Concen: 2.75 ng
RT: 27.492 min Scan# 4183
Delta R.T. 0.012 min
Lab File: BP004089.D
Acq: 24 Nov 2020 22:42

Tgt Ion:276 Resp: 91187

Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.0	28.6
138	21.7	16.6	24.8



Instrument :
BNA_P
ClientSampleId :
SL-01